

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112223\
 Data File : VN080239.D
 Acq On : 22 Nov 2023 11:33
 Operator : JC\MD
 Sample : VN1122WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2023
 Supervised By : Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 00:16:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	229905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	364392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	331366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	164766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	183466	48.330	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.660%		
35) Dibromofluoromethane	8.171	113	132426	49.252	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.500%		
50) Toluene-d8	10.571	98	485019	50.041	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.080%		
62) 4-Bromofluorobenzene	12.853	95	178405	48.732	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	59554	17.390	ug/l	98
3) Chloromethane	2.359	50	39184	15.219	ug/l	98
4) Vinyl Chloride	2.512	62	45423	16.671	ug/l	100
5) Bromomethane	2.953	94	31220	16.878	ug/l	100
6) Chloroethane	3.124	64	31049	17.312	ug/l	93
7) Trichlorofluoromethane	3.500	101	103270	18.169	ug/l	98
8) Diethyl Ether	3.959	74	26883	16.263	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	45242	17.414	ug/l	94
10) Methyl Iodide	4.595	142	48765	17.369	ug/l #	88
11) Tert butyl alcohol	5.524	59	34544	82.749	ug/l	99
12) 1,1-Dichloroethene	4.342	96	41749	17.181	ug/l	87
13) Acrolein	4.183	56	31806	86.093	ug/l	95
14) Allyl chloride	5.024	41	48429	15.841	ug/l	91
15) Acrylonitrile	5.718	53	98177	87.606	ug/l	99
16) Acetone	4.430	43	93323	73.194	ug/l	92
17) Carbon Disulfide	4.712	76	110942	15.291	ug/l	97
18) Methyl Acetate	5.024	43	69885	17.059	ug/l	94
19) Methyl tert-butyl Ether	5.800	73	147864	17.231	ug/l	100
20) Methylene Chloride	5.277	84	50368	18.864	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	44928	16.830	ug/l #	76
22) Diisopropyl ether	6.677	45	120915	17.876	ug/l	95
23) Vinyl Acetate	6.606	43	331765	81.587	ug/l	95
24) 1,1-Dichloroethane	6.571	63	83953	17.041	ug/l	95
25) 2-Butanone	7.483	43	116971	77.215	ug/l	95
26) 2,2-Dichloropropane	7.488	77	88457	18.098	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	53709	17.746	ug/l	89
28) Bromochloromethane	7.812	49	37037	19.123	ug/l	96
29) Tetrahydrofuran	7.841	42	72380	88.996	ug/l	94
30) Chloroform	7.965	83	103712	18.835	ug/l	99
31) Cyclohexane	8.259	56	67535	16.359	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	99333	18.498	ug/l	99
36) 1,1-Dichloropropene	8.377	75	69125	17.757	ug/l	95
37) Ethyl Acetate	7.559	43	45870	16.988	ug/l	99
38) Carbon Tetrachloride	8.365	117	91630	18.549	ug/l	94
39) Methylcyclohexane	9.606	83	61195	16.304	ug/l #	89
40) Benzene	8.612	78	196142	17.728	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	25522	17.212	ug/l	91
42) 1,2-Dichloroethane	8.671	62	84955	18.769	ug/l	96
43) Isopropyl Acetate	8.688	43	80390	15.299	ug/l	96
44) Trichloroethene	9.353	130	51735	17.827	ug/l	94
45) 1,2-Dichloropropane	9.624	63	46910	18.245	ug/l	97
46) Dibromomethane	9.712	93	35108	18.039	ug/l #	89
47) Bromodichloromethane	9.888	83	81051	18.932	ug/l	96
48) Methyl methacrylate	9.682	41	47897	17.688	ug/l	92
49) 1,4-Dioxane	9.700	88	16032	355.890	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	244935	90.038	ug/l	98
52) Toluene	10.629	92	128618	18.576	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	76278	17.341	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	80966	18.017	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	51099	19.336	ug/l	90
56) Ethyl methacrylate	10.876	69	47983	17.774	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	84052	18.217	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	143827	94.566	ug/l	99
59) 2-Hexanone	11.200	43	186909	85.505	ug/l	95
60) Dibromochloromethane	11.359	129	60358	19.078	ug/l	100
61) 1,2-Dibromoethane	11.471	107	49396	18.322	ug/l	97
64) Tetrachloroethene	11.106	164	50887	20.122	ug/l	95
65) Chlorobenzene	11.894	112	133948	17.839	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	56049	19.236	ug/l	93
67) Ethyl Benzene	11.965	91	239455	17.922	ug/l	94
68) m/p-Xylenes	12.070	106	176925	36.318	ug/l	86
69) o-Xylene	12.400	106	85285	18.577	ug/l	89
70) Styrene	12.418	104	129849	19.003	ug/l	94
71) Bromoform	12.582	173	40858	18.909	ug/l #	99
73) Isopropylbenzene	12.700	105	225183	17.588	ug/l	98
74) N-amyl acetate	12.500	43	63388	15.876	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	64857	16.925	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	65509m	16.227	ug/l	
77) Bromobenzene	12.982	156	57243	17.733	ug/l	97
78) n-propylbenzene	13.041	91	253024	17.673	ug/l	99
79) 2-Chlorotoluene	13.129	91	166072	17.859	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	200931	18.028	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	20227	16.928	ug/l #	75
82) 4-Chlorotoluene	13.223	91	172323	18.089	ug/l	96
83) tert-Butylbenzene	13.441	119	161047	18.019	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	198752	18.110	ug/l	97
85) sec-Butylbenzene	13.617	105	202807	17.937	ug/l	98
86) p-Isopropyltoluene	13.729	119	182834	18.102	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	99320	17.077	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	100609	17.214	ug/l	98
89) n-Butylbenzene	14.059	91	142392	16.843	ug/l	97
90) Hexachloroethane	14.335	117	35130	17.841	ug/l	72
91) 1,2-Dichlorobenzene	14.106	146	96930	17.416	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14755	16.577	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	48742	15.058	ug/l	98
94) Hexachlorobutadiene	15.506	225	30065	16.140	ug/l	98
95) Naphthalene	15.641	128	129184	13.763	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	46861	15.445	ug/l	97

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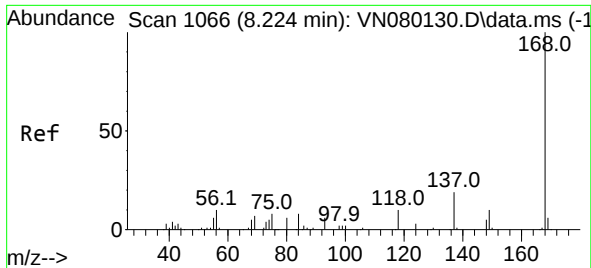
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

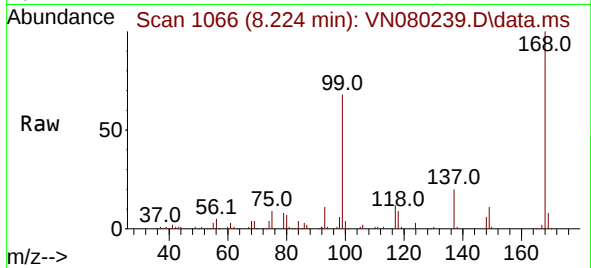
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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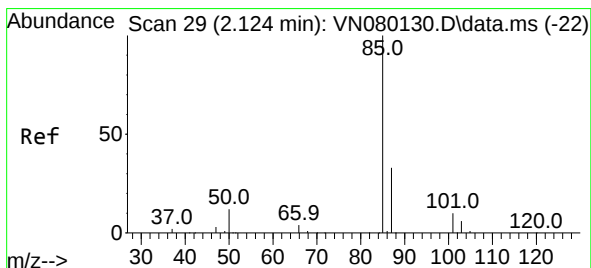
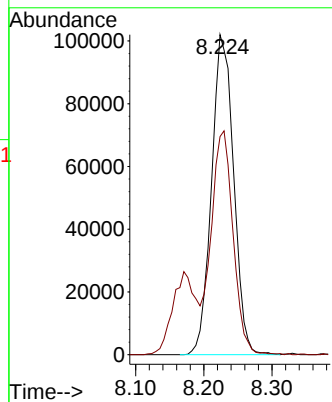
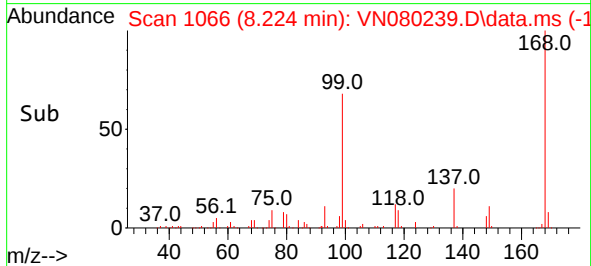
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



Tgt Ion:168 Resp: 229908
Ion Ratio Lower Upper
168 100
99 67.8 53.0 79.6

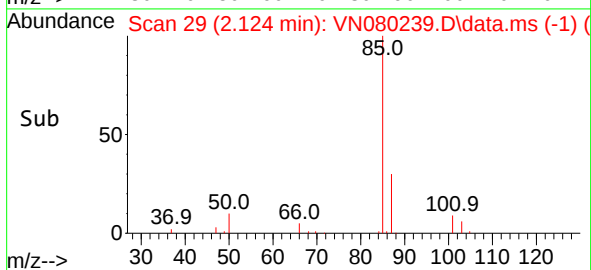
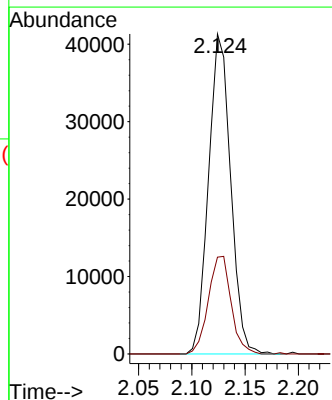
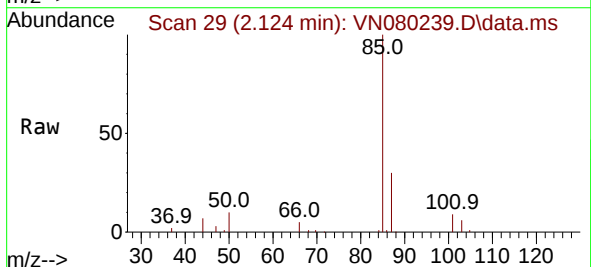
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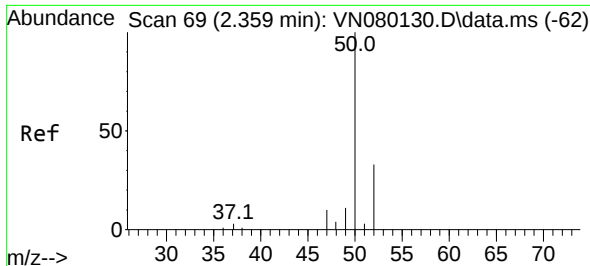
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#2
Dichlorodifluoromethane
Concen: 17.390 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

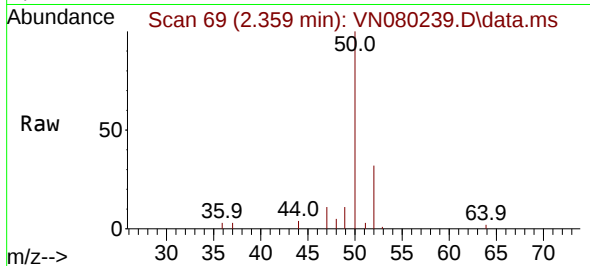
Tgt Ion: 85 Resp: 59554
Ion Ratio Lower Upper
85 100
87 30.2 15.8 47.4





#3
Chloromethane
Concen: 15.219 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

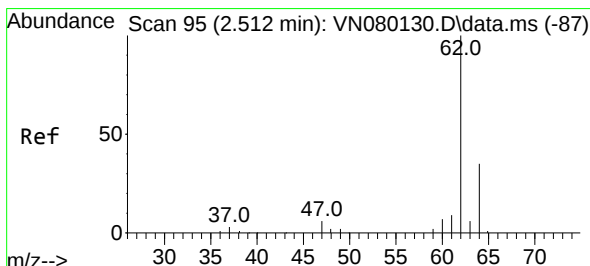
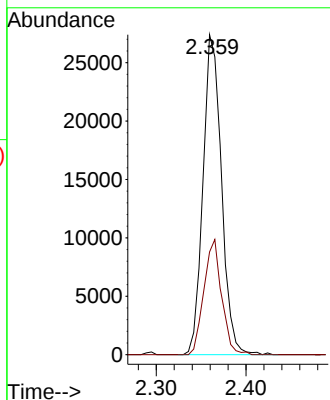
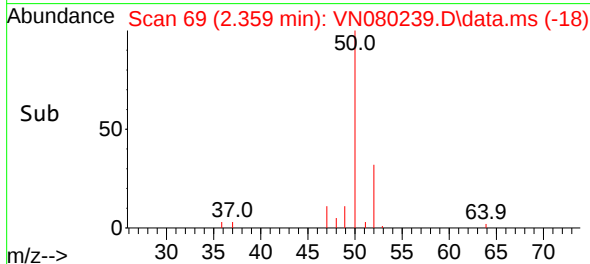
Instrument :
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VN1122WBS01



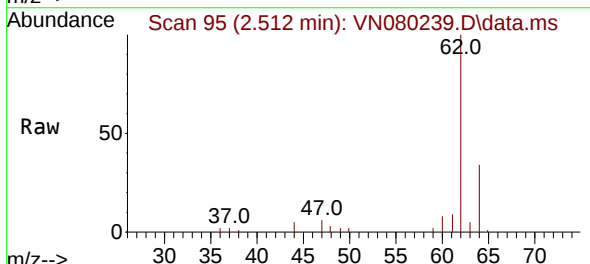
Tgt Ion: 50 Resp: 39184
Ion Ratio Lower Upper
50 100
52 32.1 26.5 39.7

Manual Integrations
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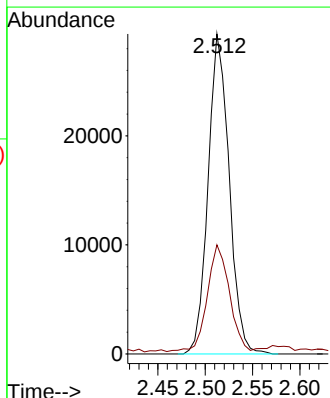
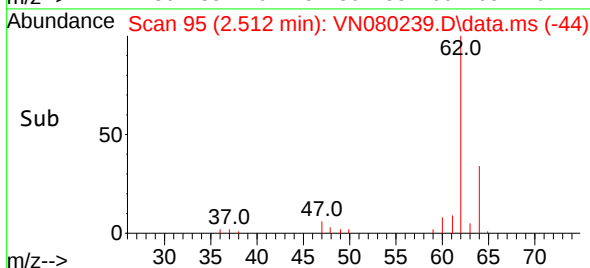
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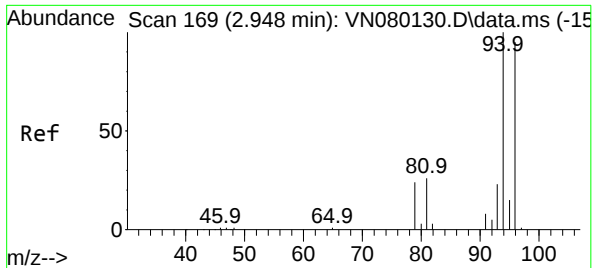


#4
Vinyl Chloride
Concen: 16.671 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33



Tgt Ion: 62 Resp: 45423
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.2





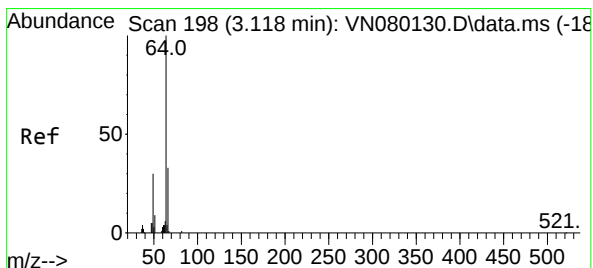
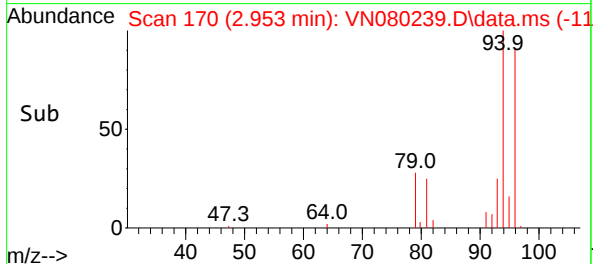
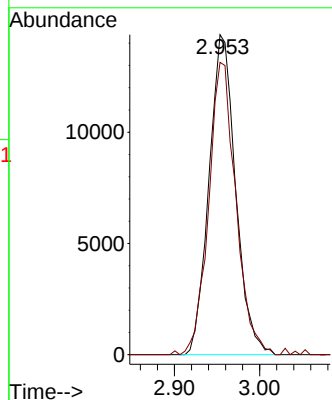
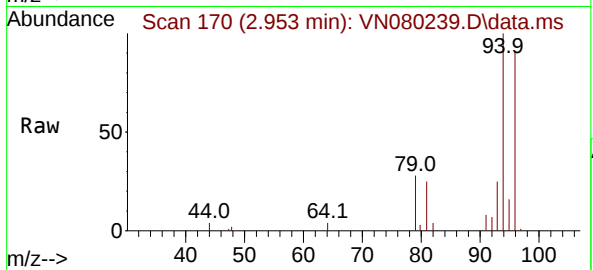
#5
Bromomethane
Concen: 16.878 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Instrument :
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Tgt Ion: 94 Resp: 31220
Ion Ratio Lower Upper
94 100
96 91.4 73.1 109.7

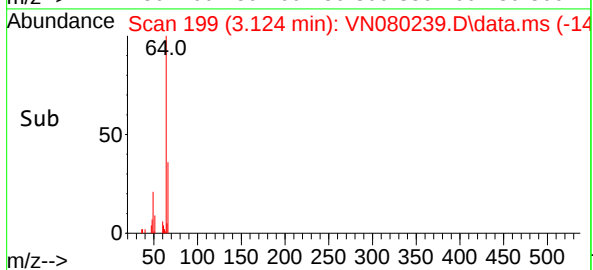
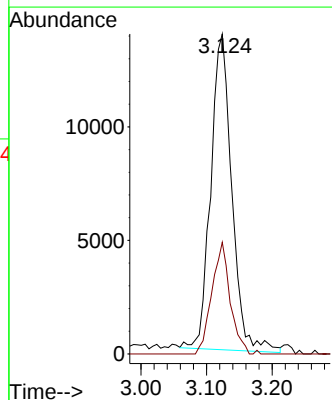
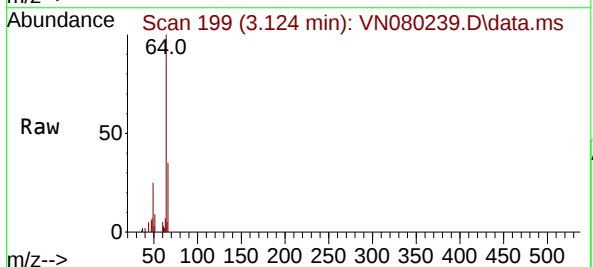
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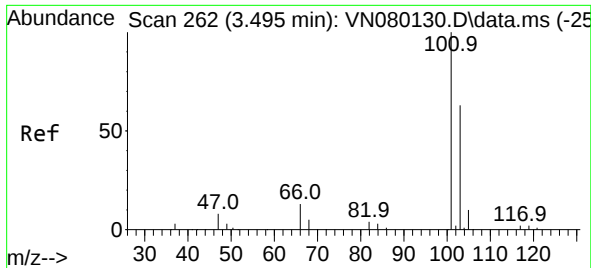
Reviewed By :John Carlone 11/24/2023
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#6
Chloroethane
Concen: 17.312 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Tgt Ion: 64 Resp: 31049
Ion Ratio Lower Upper
64 100
66 35.6 25.4 38.2





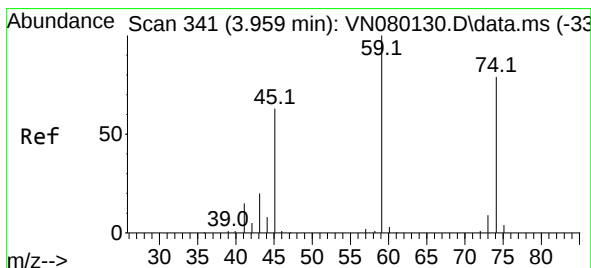
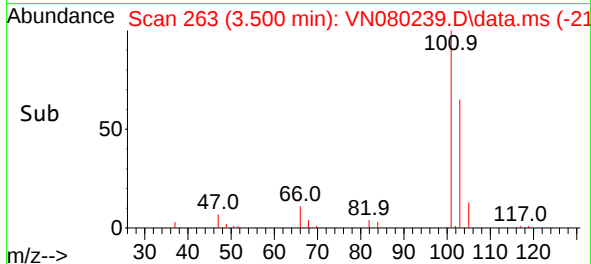
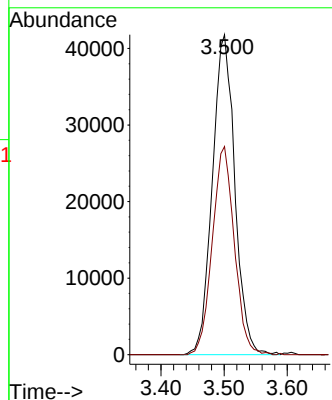
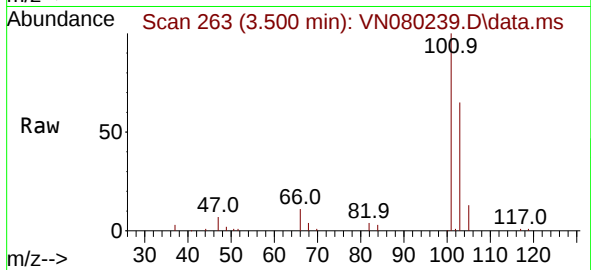
#7
Trichlorofluoromethane
Concen: 18.169 ug/l
RT: 3.500 min Scan# 262
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion:101 Resp: 103270
Ion Ratio Lower Upper
101 100
103 65.1 50.7 76.1

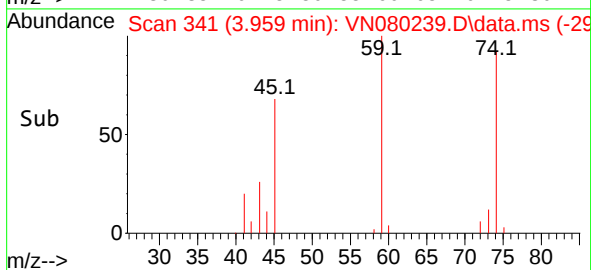
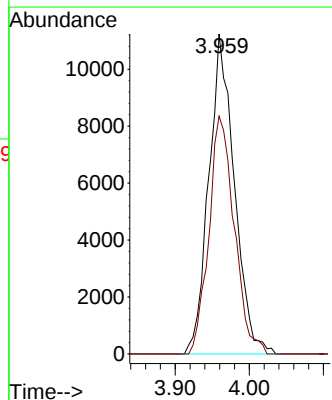
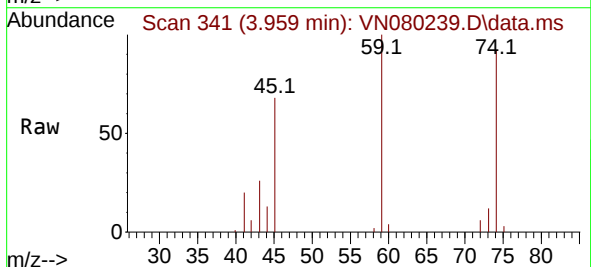
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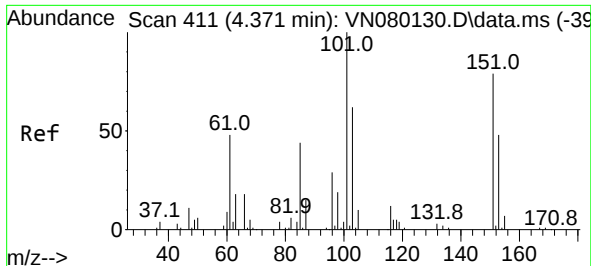
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#8
Diethyl Ether
Concen: 16.263 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Tgt Ion: 74 Resp: 26883
Ion Ratio Lower Upper
74 100
45 73.8 34.4 103.3





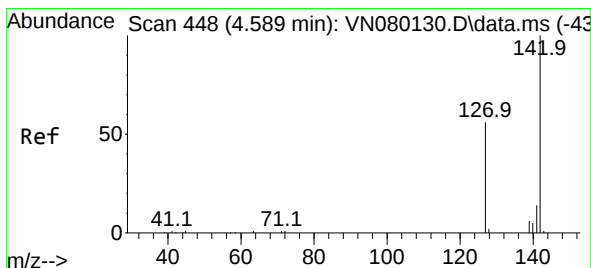
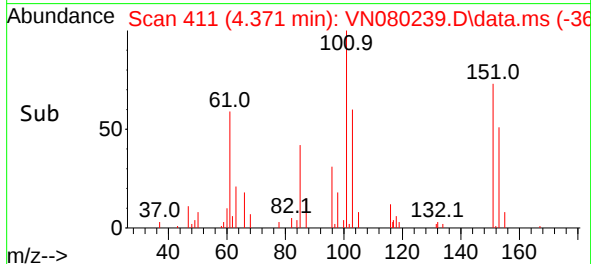
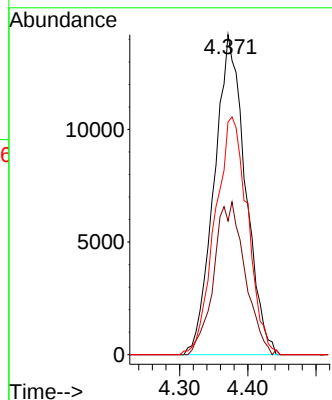
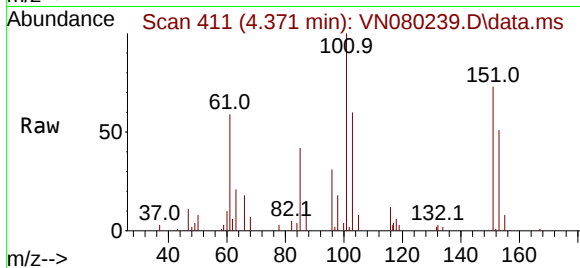
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.414 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion:101 Resp: 4524
Ion Ratio Lower Upper
101 100
85 47.9 36.6 55.0
151 77.9 57.6 86.4

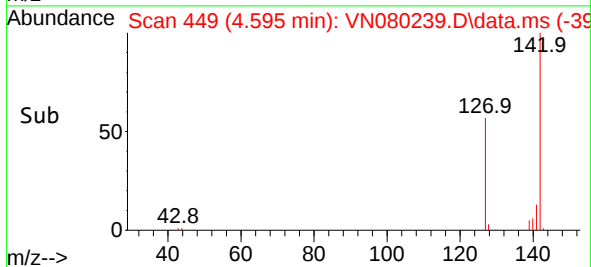
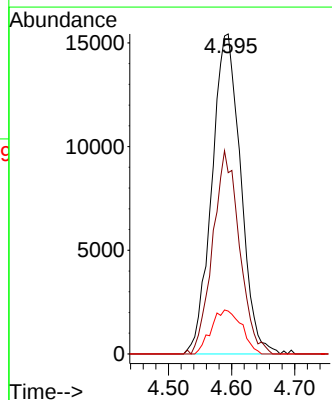
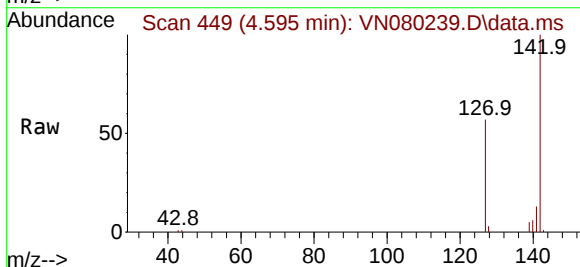
Manual Integrations
APPROVED

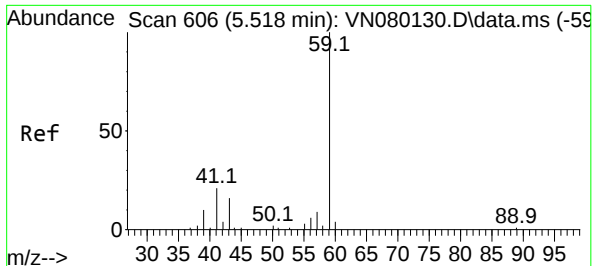
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#10
Methyl Iodide
Concen: 17.369 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Tgt Ion:142 Resp: 48765
Ion Ratio Lower Upper
142 100
127 56.6 37.6 56.4#
141 13.4 11.4 17.0





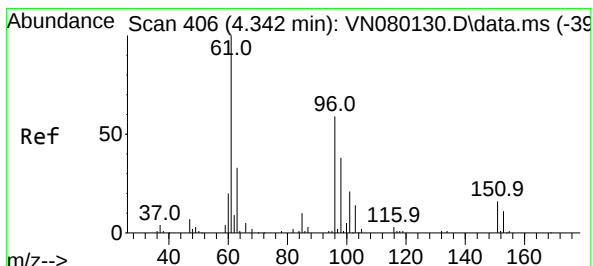
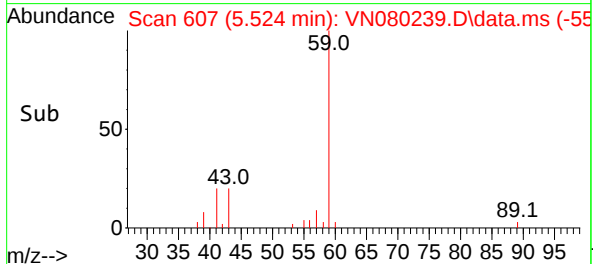
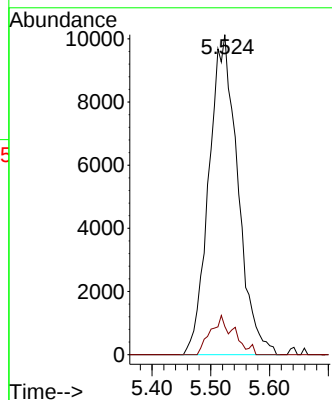
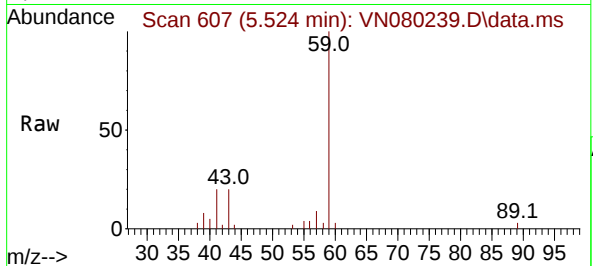
#11
Tert butyl alcohol
Concen: 82.749 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion: 59 Resp: 34544
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

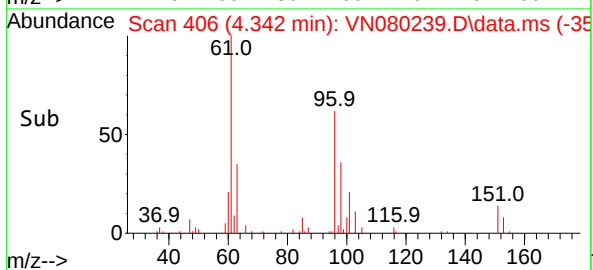
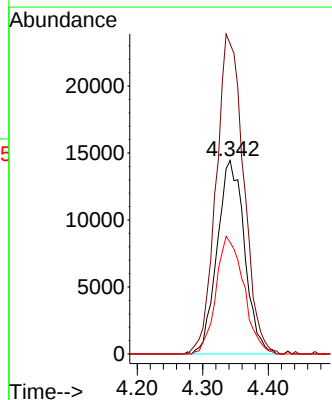
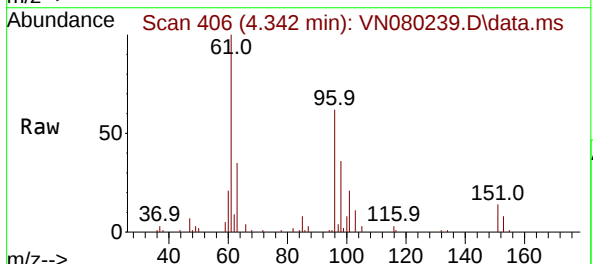
Manual Integrations
APPROVED

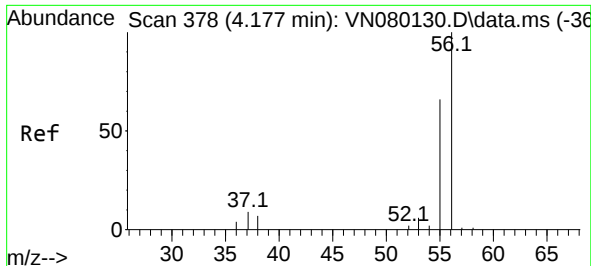
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#12
1,1-Dichloroethene
Concen: 17.181 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Tgt Ion: 96 Resp: 41749
Ion Ratio Lower Upper
96 100
61 160.3 112.7 169.1
98 57.7 51.2 76.8





#13

Acrolein

Concen: 86.093 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080239.D

Acq: 22 Nov 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

Tgt Ion: 56 Resp: 31800

Ion Ratio Lower Upper

56 100

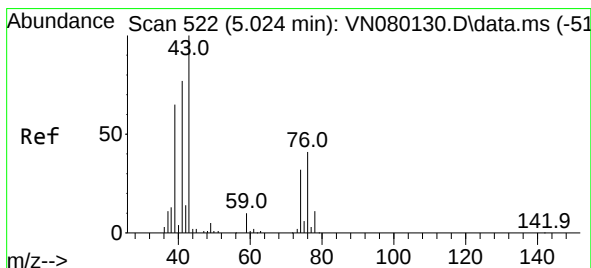
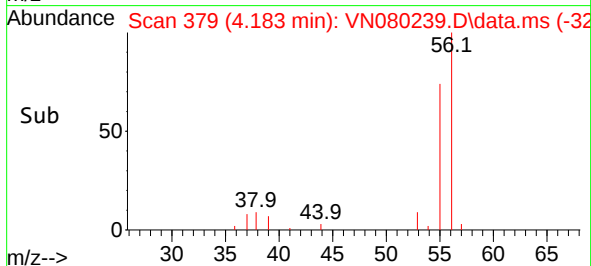
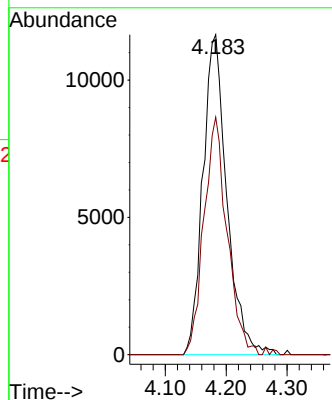
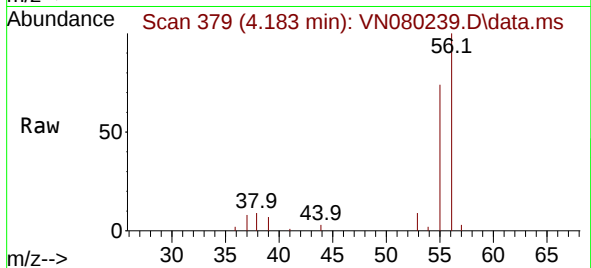
55 71.9 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#14

Allyl chloride

Concen: 15.841 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN080239.D

Acq: 22 Nov 2023 11:33

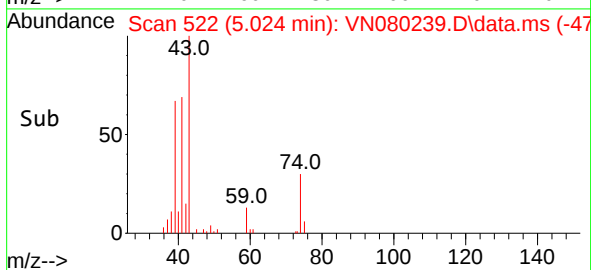
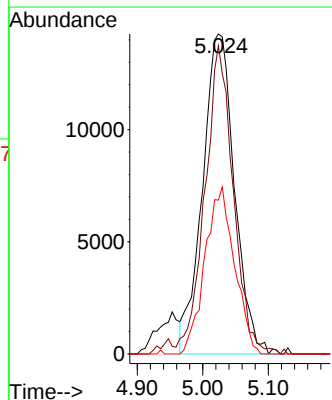
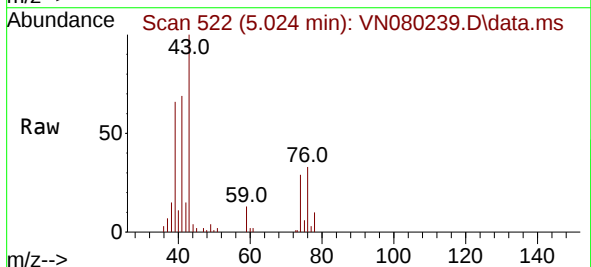
Tgt Ion: 41 Resp: 48429

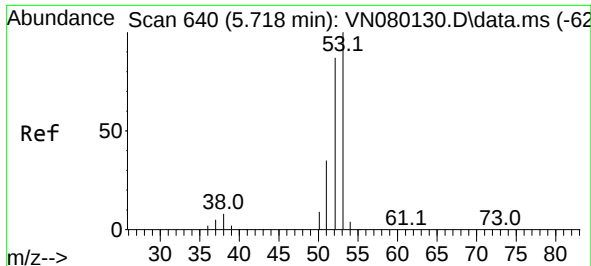
Ion Ratio Lower Upper

41 100

39 85.2 58.8 88.2

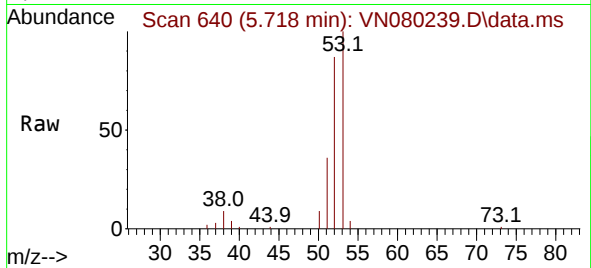
76 48.1 39.1 58.7





#15
Acrylonitrile
Concen: 87.606 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

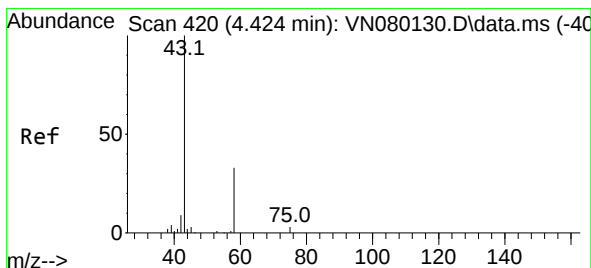
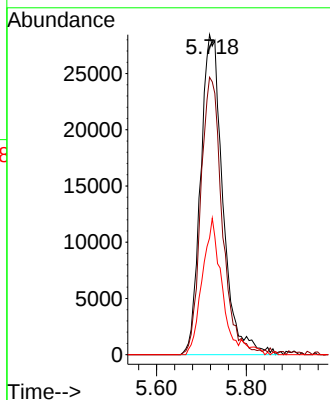
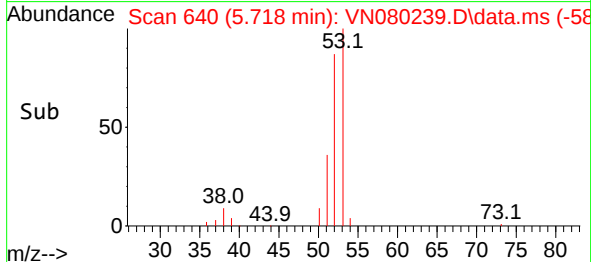
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



Tgt Ion: 53 Resp: 9817
Ion Ratio Lower Upper
53 100
52 83.0 65.3 97.9
51 36.5 28.9 43.3

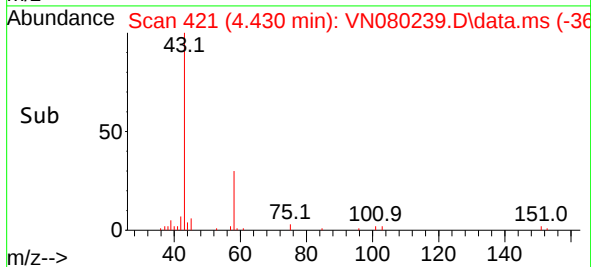
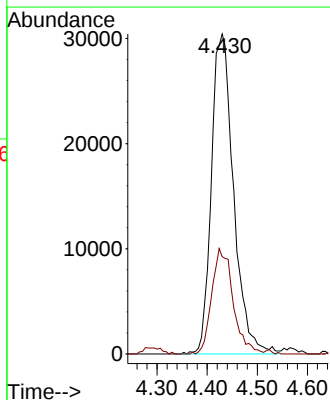
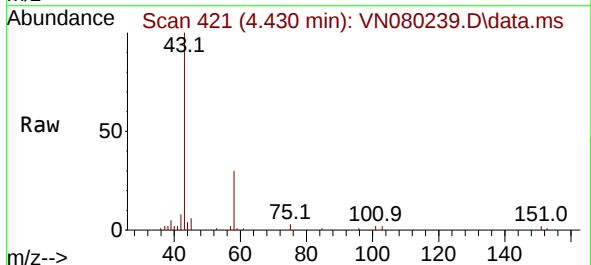
Manual Integrations
APPROVED

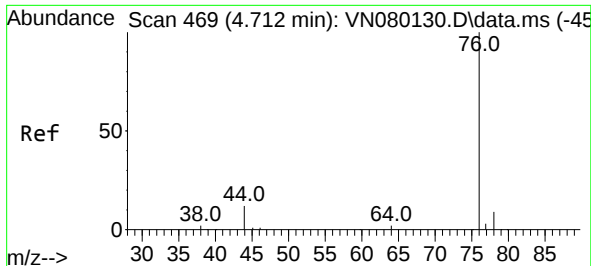
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#16
Acetone
Concen: 73.194 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

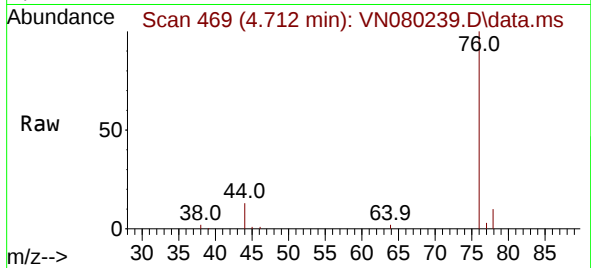
Tgt Ion: 43 Resp: 93323
Ion Ratio Lower Upper
43 100
58 30.6 28.0 42.0





#17
Carbon Disulfide
Concen: 15.291 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

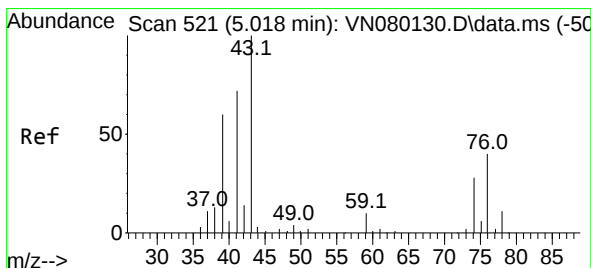
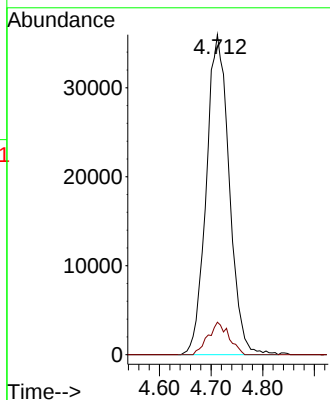
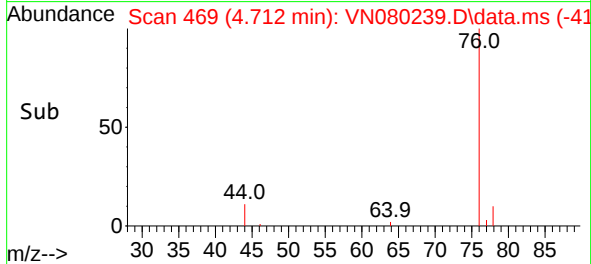
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



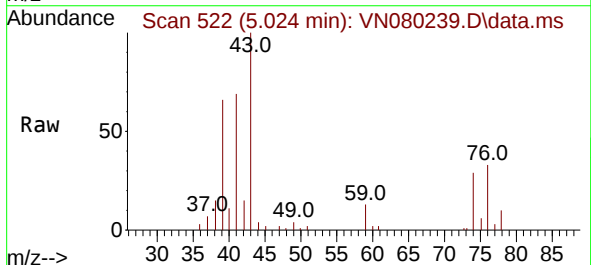
Tgt Ion: 76 Resp: 11094
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0

Manual Integrations
APPROVED

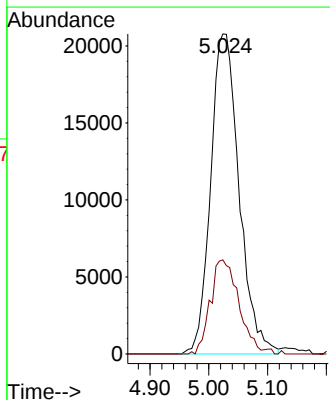
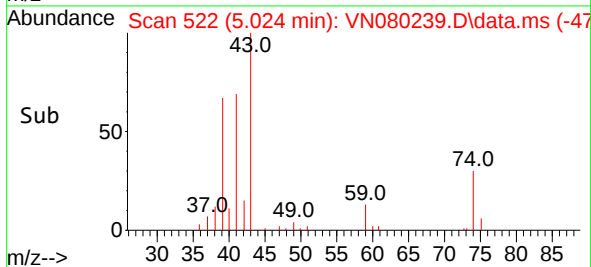
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

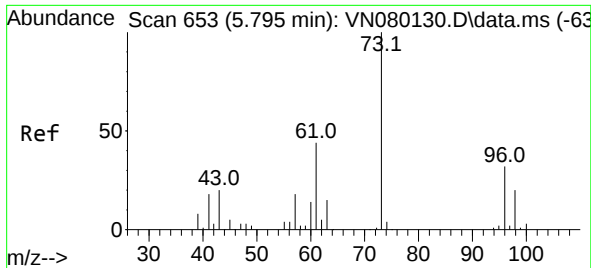


#18
Methyl Acetate
Concen: 17.059 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33



Tgt Ion: 43 Resp: 69885
Ion Ratio Lower Upper
43 100
74 29.6 26.2 39.4





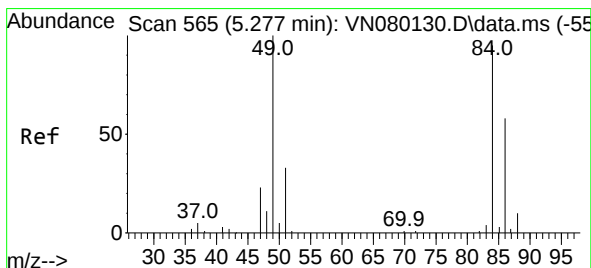
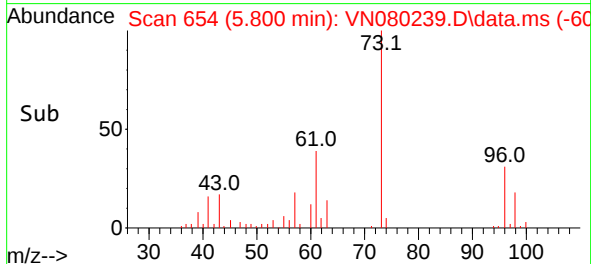
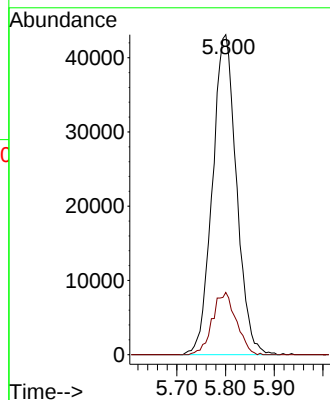
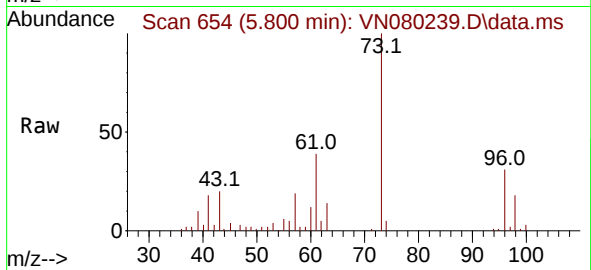
#19
Methyl tert-butyl Ether
Concen: 17.231 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion: 73 Resp: 147864
Ion Ratio Lower Upper
73 100
57 19.5 15.6 23.4

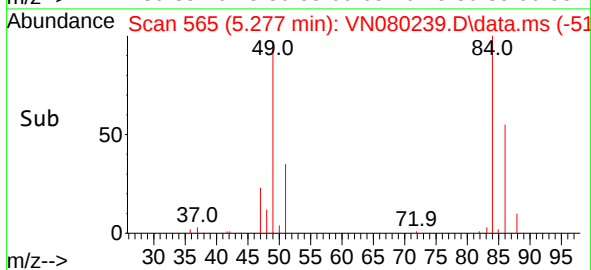
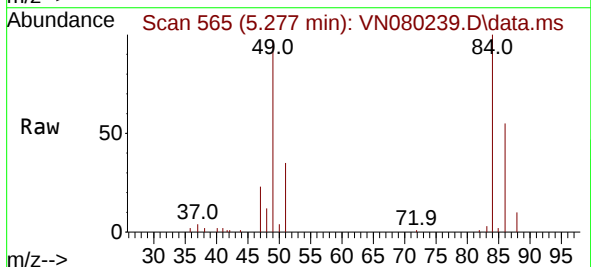
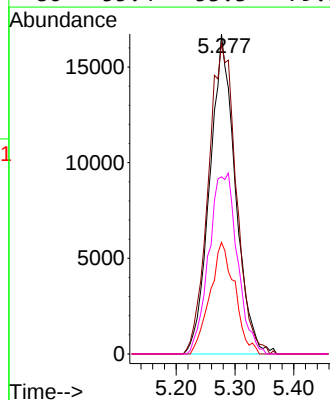
Manual Integrations
APPROVED

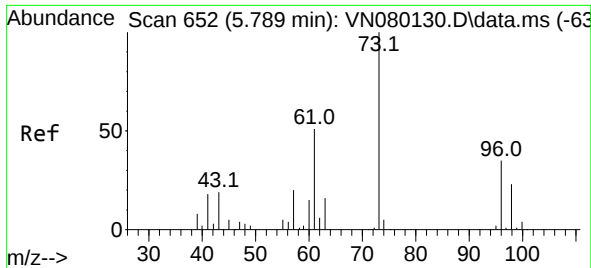
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#20
Methylene Chloride
Concen: 18.864 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

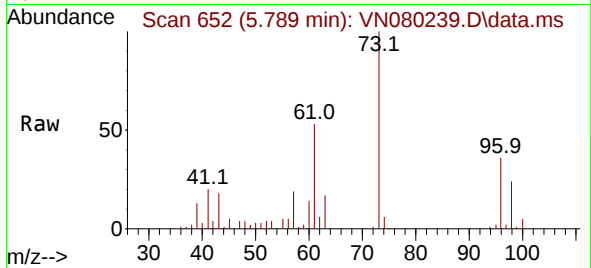
Tgt Ion: 84 Resp: 50368
Ion Ratio Lower Upper
84 100
49 97.2 79.7 119.5
51 34.9 25.2 37.8
86 55.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 16.830 ug/l
RT: 5.789 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

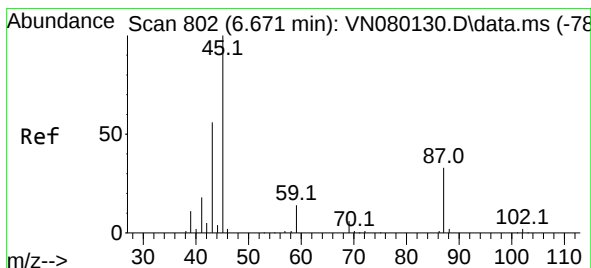
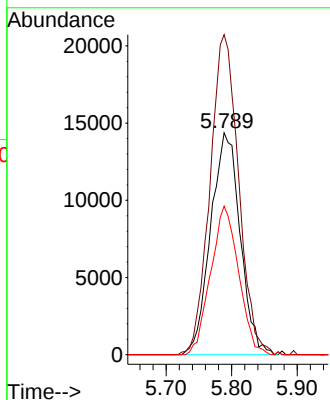
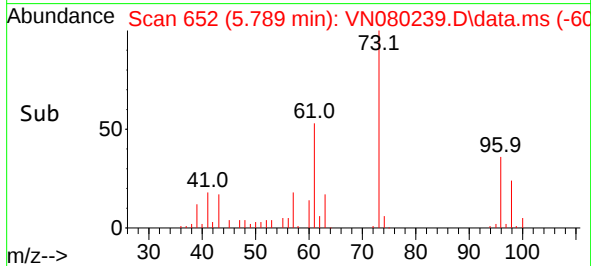
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



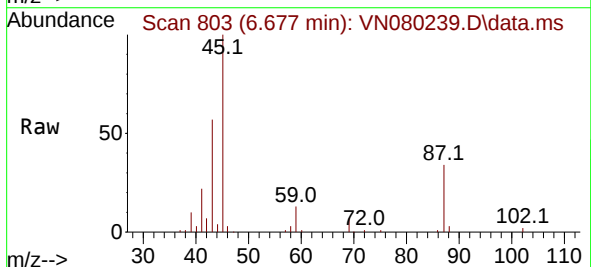
Tgt Ion: 96 Resp: 44928
Ion Ratio Lower Upper
96 100
61 144.2 90.1 135.1
98 66.9 46.4 69.6

Manual Integrations
APPROVED

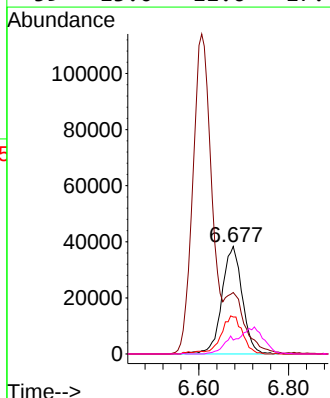
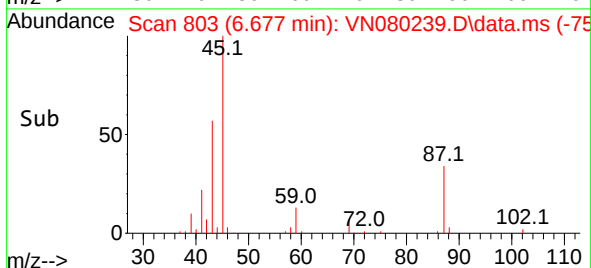
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

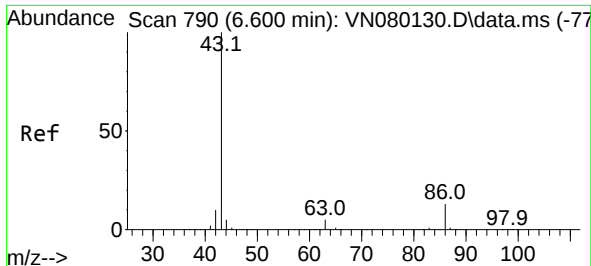


#22
Diisopropyl ether
Concen: 17.876 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33



Tgt Ion: 45 Resp: 120915
Ion Ratio Lower Upper
45 100
43 55.4 45.5 68.3
87 34.4 31.8 47.8
59 13.0 11.6 17.4





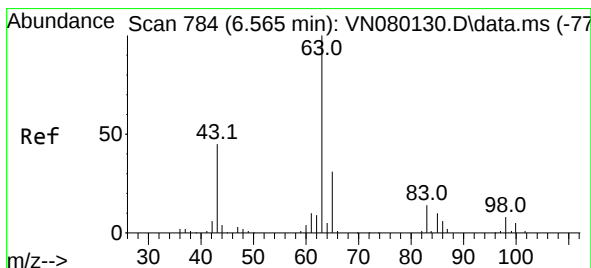
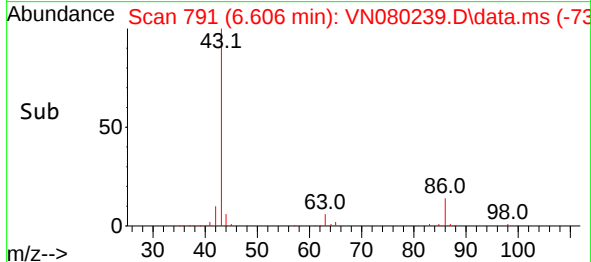
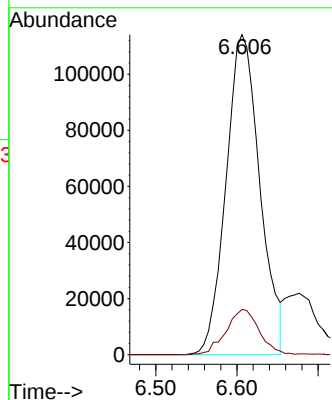
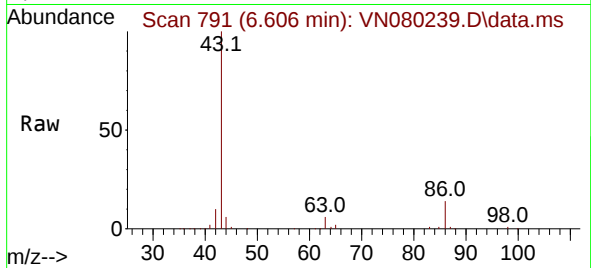
#23
 Vinyl Acetate
 Concen: 81.587 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080239.D
 Acq: 22 Nov 2023 11:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBS01

Tgt Ion: 43 Resp: 33176
 Ion Ratio Lower Upper
 43 100
 86 14.2 13.0 19.6

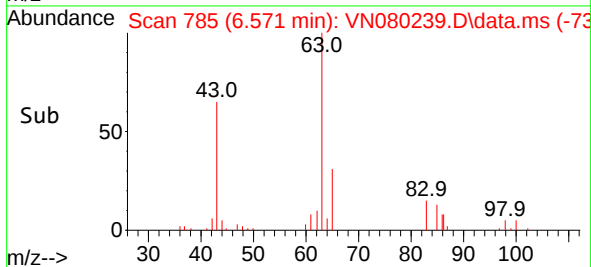
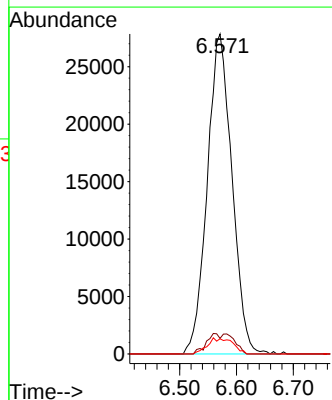
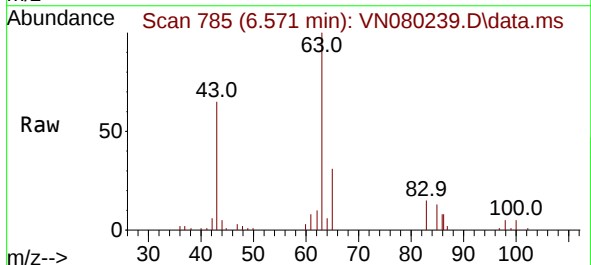
Manual Integrations
 APPROVED

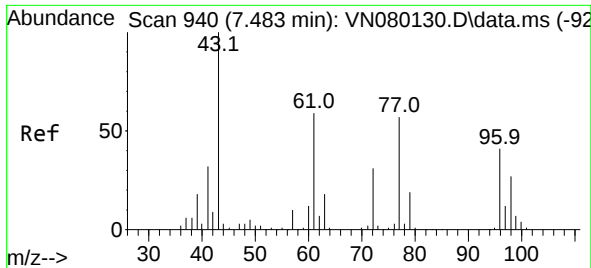
Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023



#24
 1,1-Dichloroethane
 Concen: 17.041 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080239.D
 Acq: 22 Nov 2023 11:33

Tgt Ion: 63 Resp: 83953
 Ion Ratio Lower Upper
 63 100
 98 4.9 3.9 11.7
 100 4.7 2.5 7.4





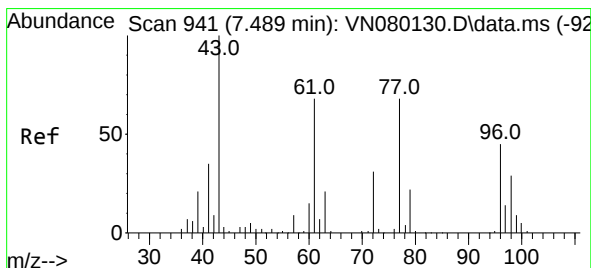
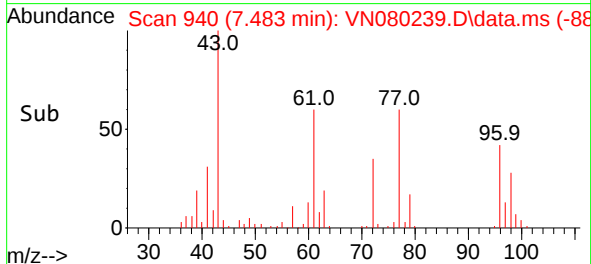
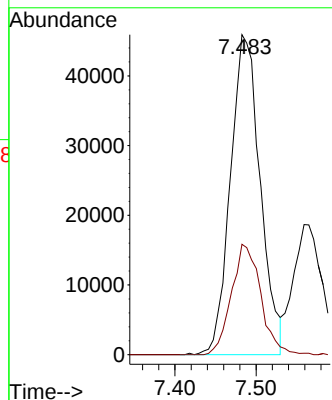
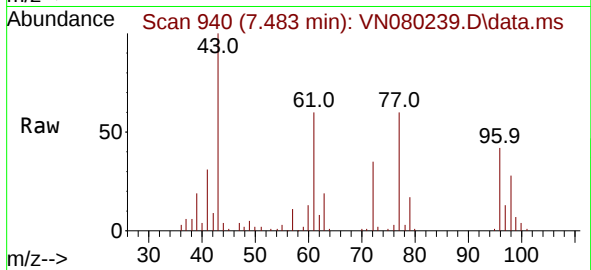
#25
2-Butanone
Concen: 77.215 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion: 43 Resp: 11697
Ion Ratio Lower Upper
43 100
72 34.5 30.2 45.2

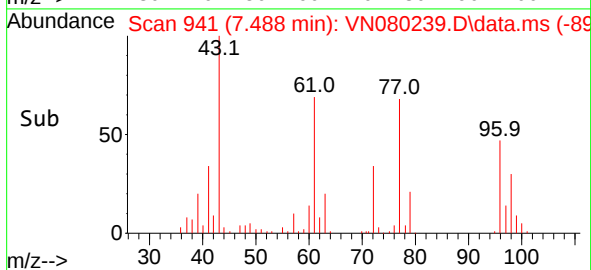
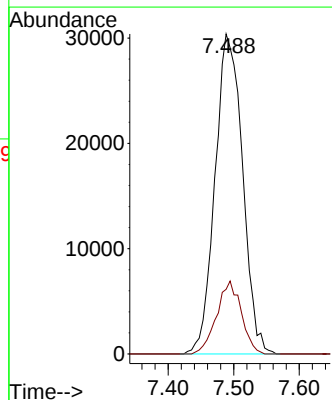
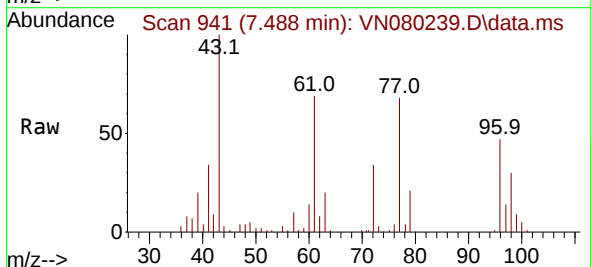
Manual Integrations
APPROVED

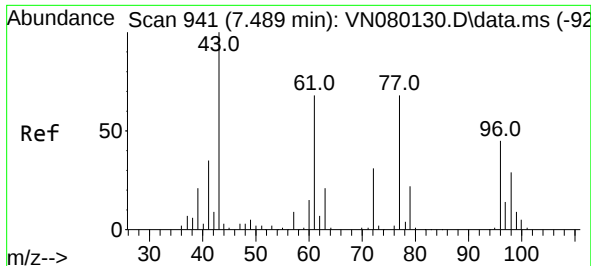
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#26
2,2-Dichloropropane
Concen: 18.098 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

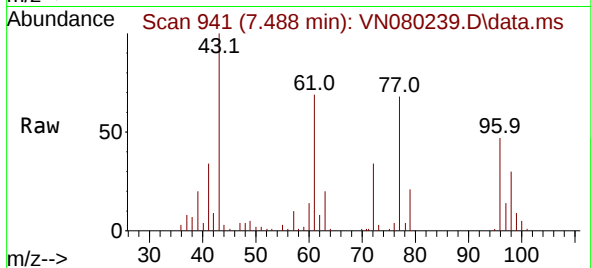
Tgt Ion: 77 Resp: 88457
Ion Ratio Lower Upper
77 100
97 20.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.746 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080239.D
 Acq: 22 Nov 2023 11:33

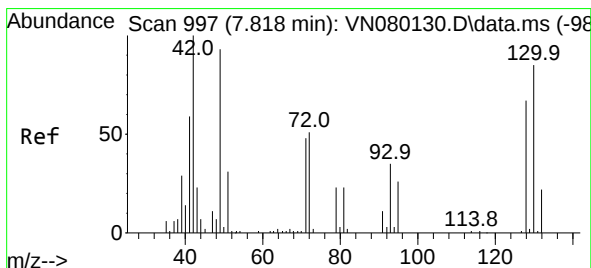
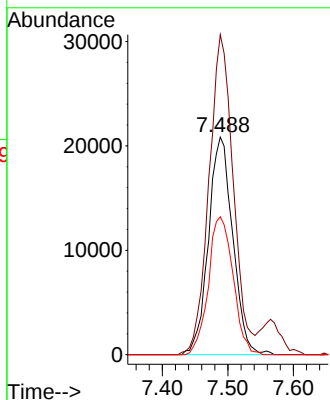
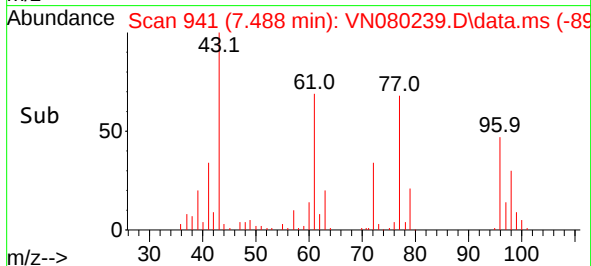
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBS01



Tgt Ion: 96 Resp: 53709
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 255.2
 98 64.2 0.0 128.8

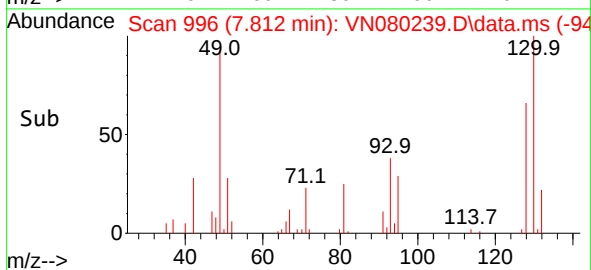
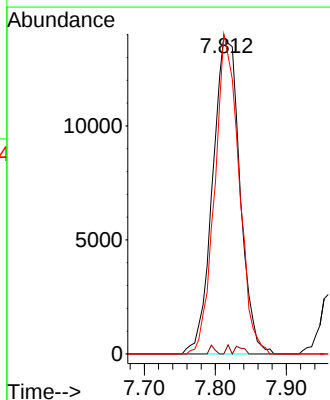
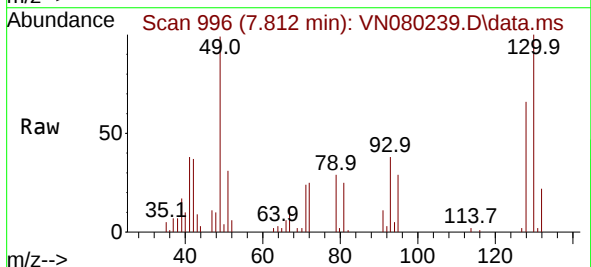
Manual Integrations
 APPROVED

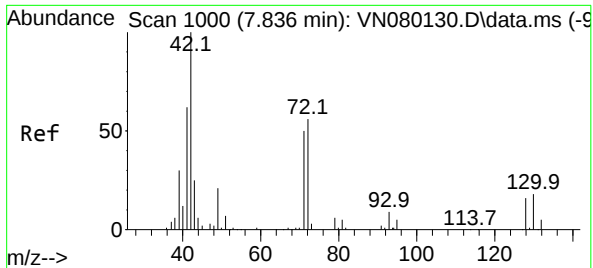
Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023



#28
 Bromochloromethane
 Concen: 19.123 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080239.D
 Acq: 22 Nov 2023 11:33

Tgt Ion: 49 Resp: 37037
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 4.8
 130 89.8 75.3 112.9





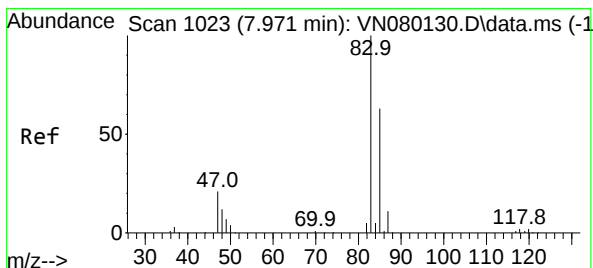
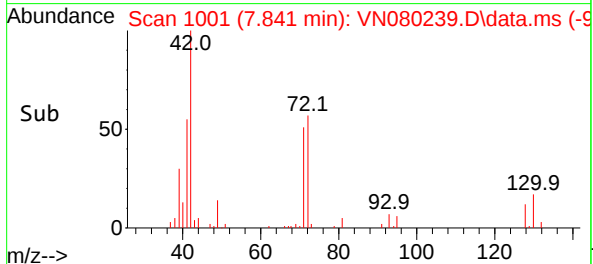
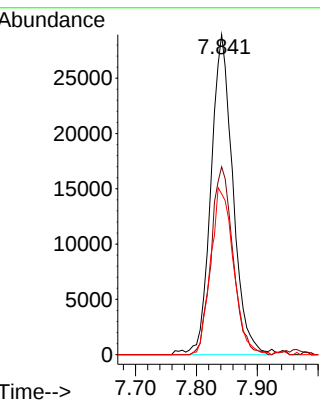
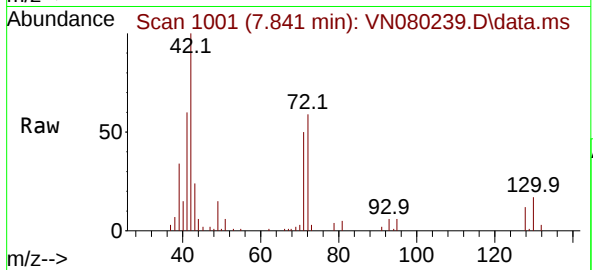
#29
Tetrahydrofuran
Concen: 88.996 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion: 42 Resp: 72380
Ion Ratio Lower Upper
42 100
72 58.6 49.8 74.6
71 54.3 47.4 71.2

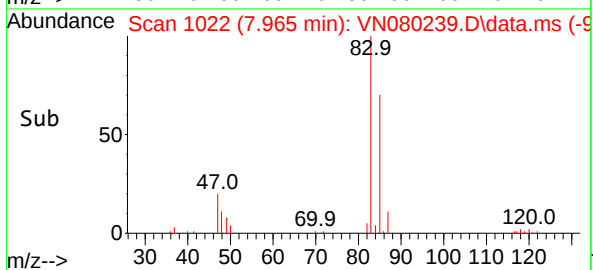
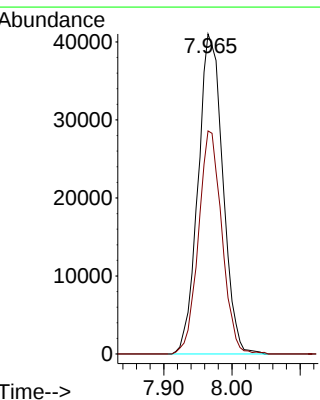
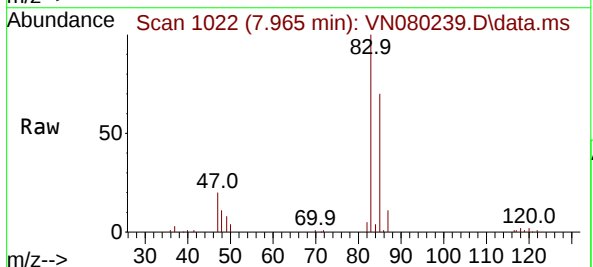
Manual Integrations
APPROVED

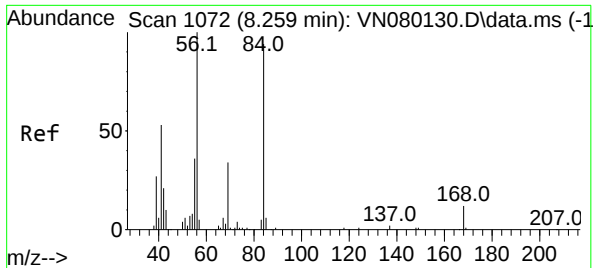
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#30
Chloroform
Concen: 18.835 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

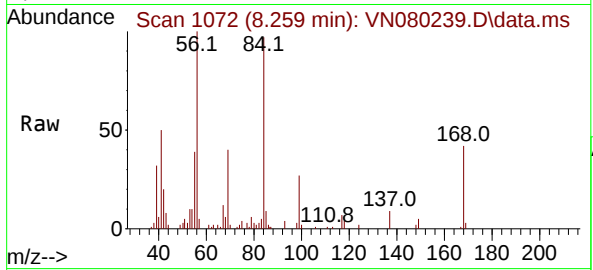
Tgt Ion: 83 Resp: 103712
Ion Ratio Lower Upper
83 100
85 69.7 55.4 83.0





#31
Cyclohexane
Concen: 16.359 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

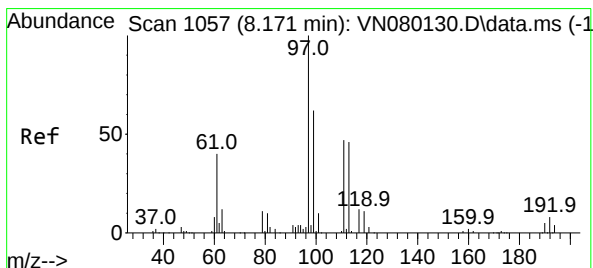
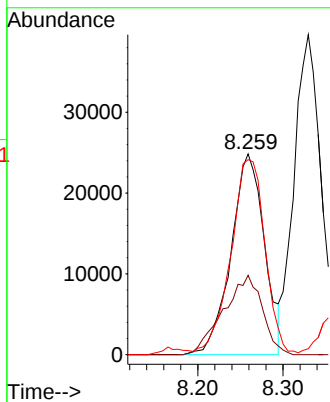
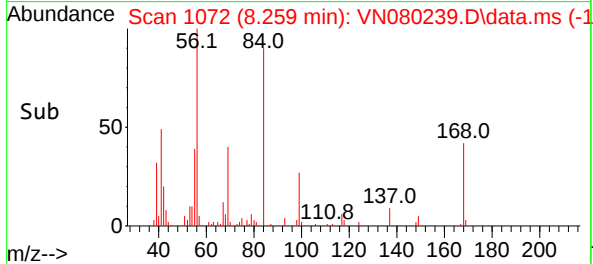
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



Tgt Ion: 56 Resp: 67538
Ion Ratio Lower Upper
56 100
69 39.6 26.8 40.2
84 94.4 81.8 122.6

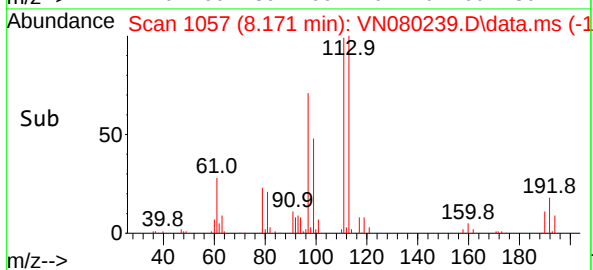
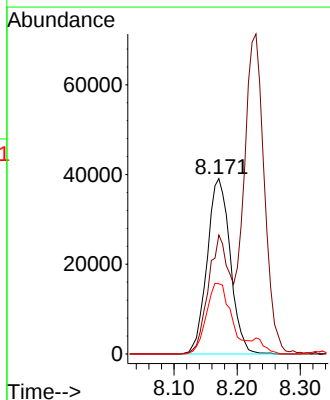
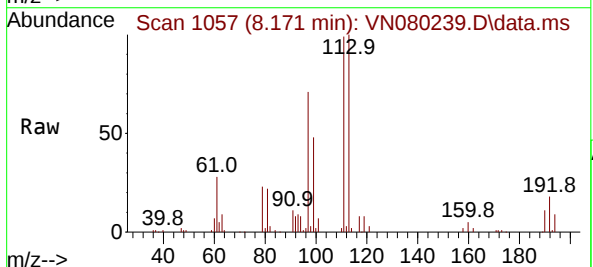
Manual Integrations
APPROVED

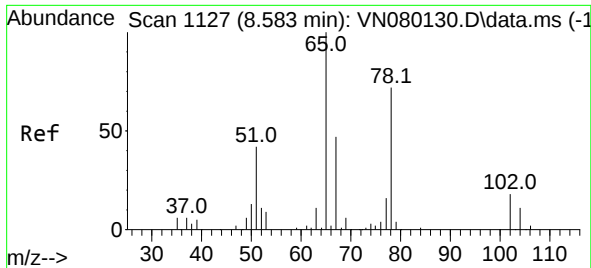
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#32
1,1,1-Trichloroethane
Concen: 18.498 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Tgt Ion: 97 Resp: 99333
Ion Ratio Lower Upper
97 100
99 63.2 50.3 75.5
61 43.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.330 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080239.D

Acq: 22 Nov 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

Tgt Ion: 65 Resp: 183460

Ion Ratio Lower Upper

65 100

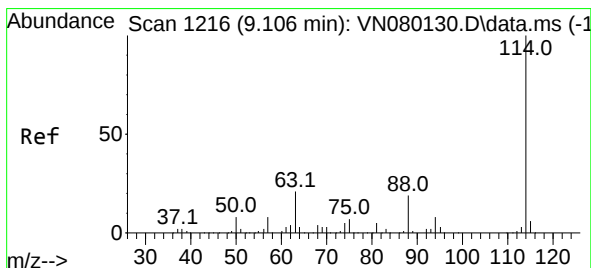
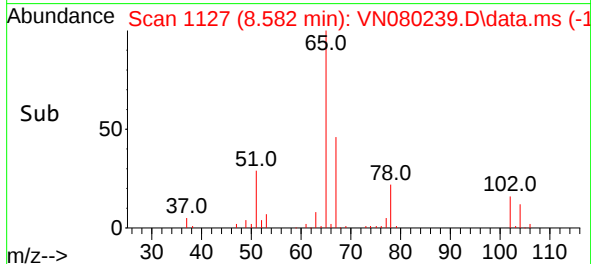
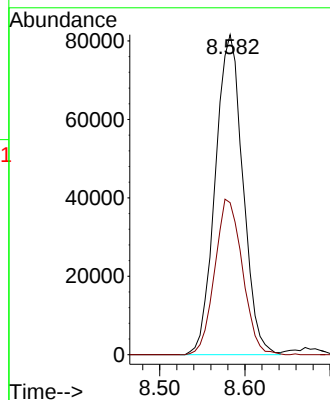
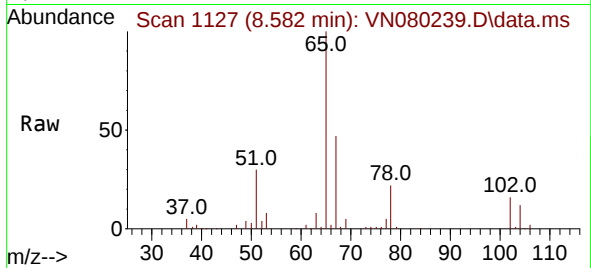
67 48.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080239.D

Acq: 22 Nov 2023 11:33

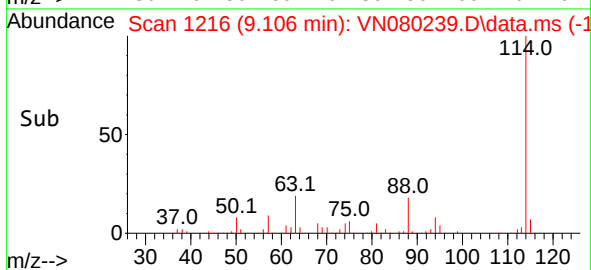
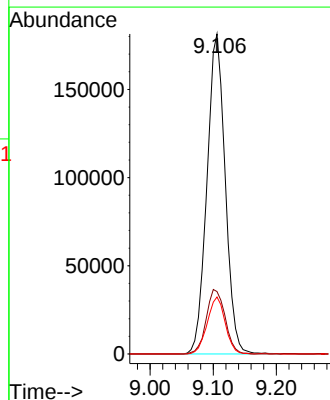
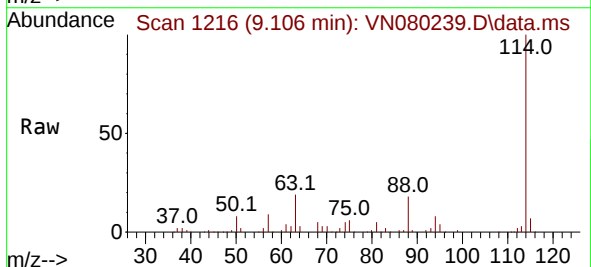
Tgt Ion:114 Resp: 364392

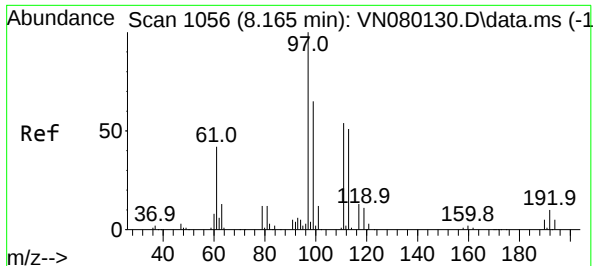
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 17.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.252 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN080239.D

Acq: 22 Nov 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

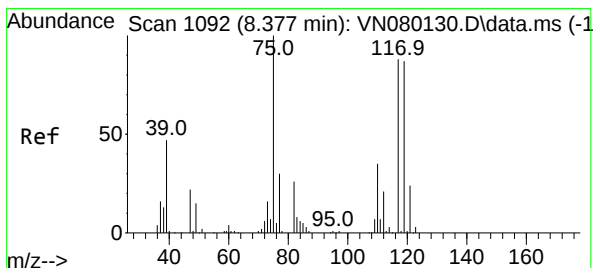
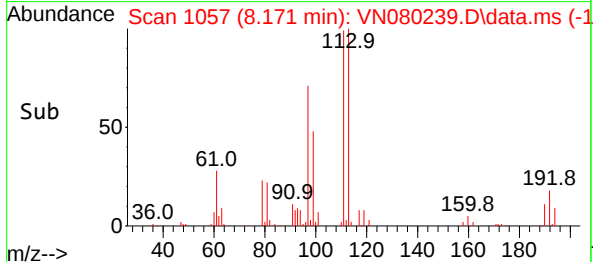
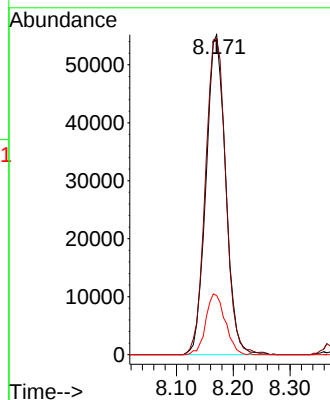
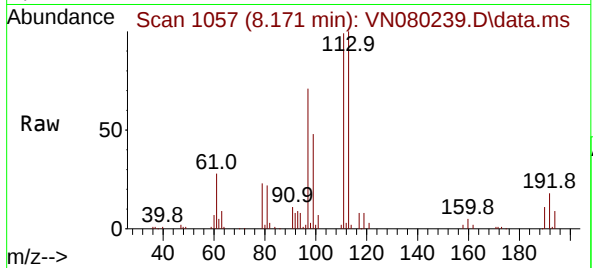
Tgt Ion:113 Resp: 132420
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.6 123.8
 192 18.8 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#36

1,1-Dichloropropene

Concen: 17.757 ug/l

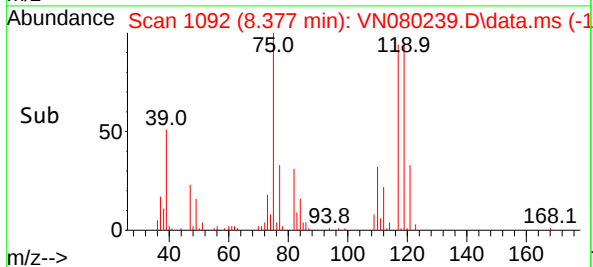
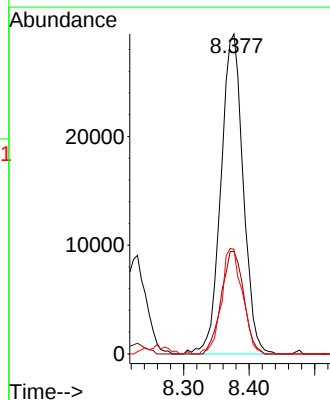
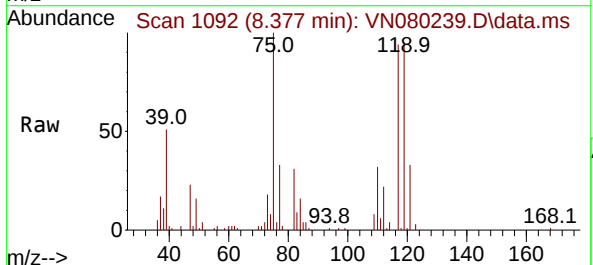
RT: 8.377 min Scan# 1092

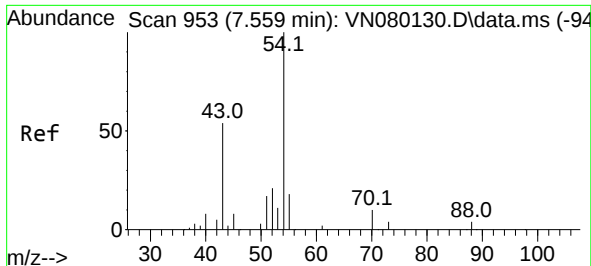
Delta R.T. -0.000 min

Lab File: VN080239.D

Acq: 22 Nov 2023 11:33

Tgt Ion: 75 Resp: 69125
 Ion Ratio Lower Upper
 75 100
 110 32.5 19.1 57.3
 77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 16.988 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080239.D

Acq: 22 Nov 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

Tgt Ion: 43 Resp: 45870

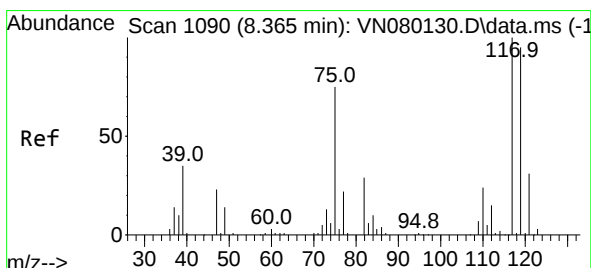
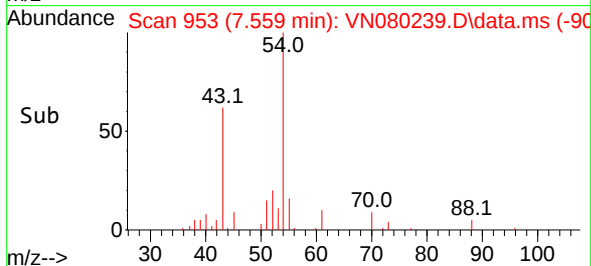
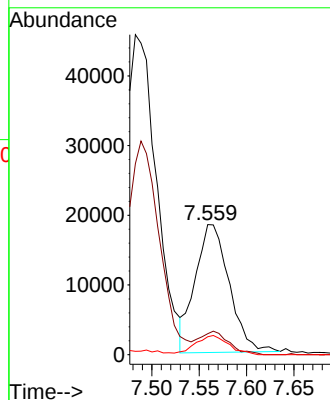
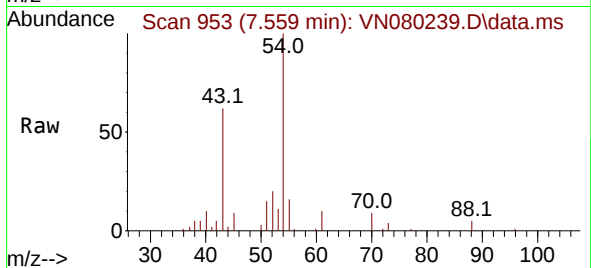
Ion	Ratio	Lower	Upper
43	100		
61	15.8	13.2	19.8
70	14.5	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#38

Carbon Tetrachloride

Concen: 18.549 ug/l

RT: 8.365 min Scan# 1090

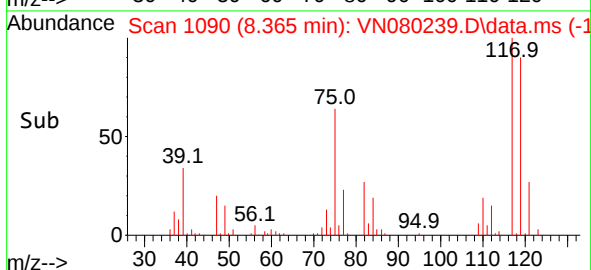
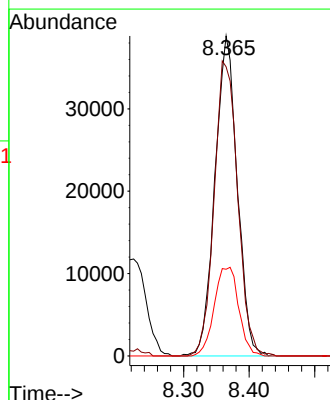
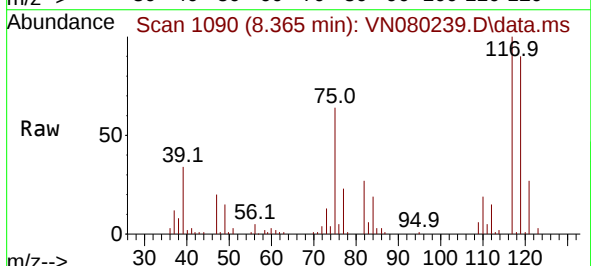
Delta R.T. -0.000 min

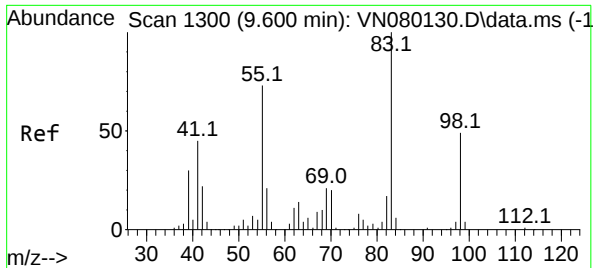
Lab File: VN080239.D

Acq: 22 Nov 2023 11:33

Tgt Ion: 117 Resp: 91630

Ion	Ratio	Lower	Upper
117	100		
119	90.4	77.3	115.9
121	27.1	23.3	34.9





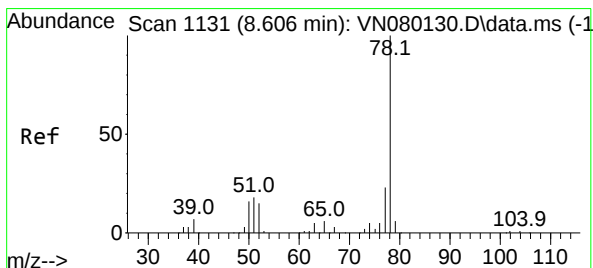
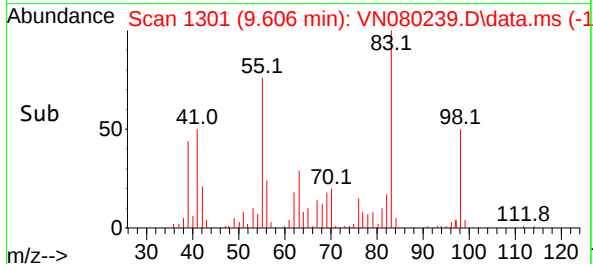
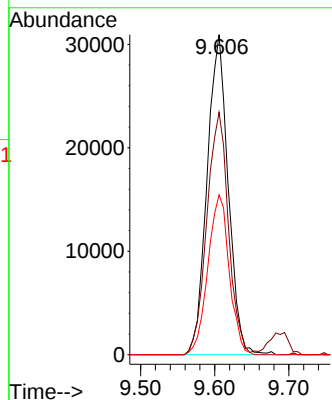
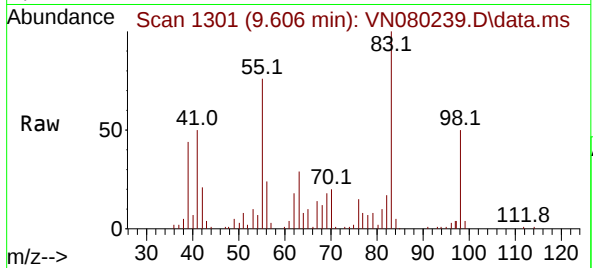
#39
Methylcyclohexane
Concen: 16.304 ug/l
RT: 9.606 min Scan# 1119
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion: 83 Resp: 6119
Ion Ratio Lower Upper
83 100
55 75.7 49.1 73.7
98 49.9 40.6 61.0

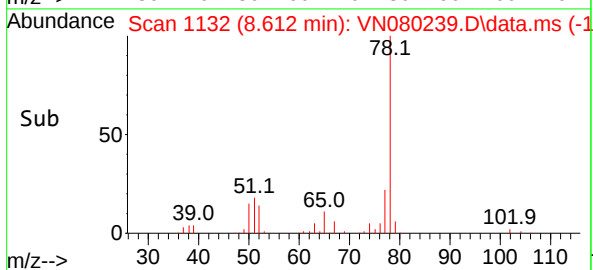
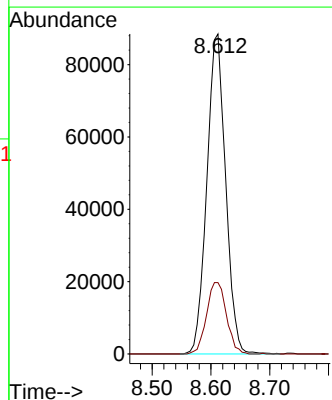
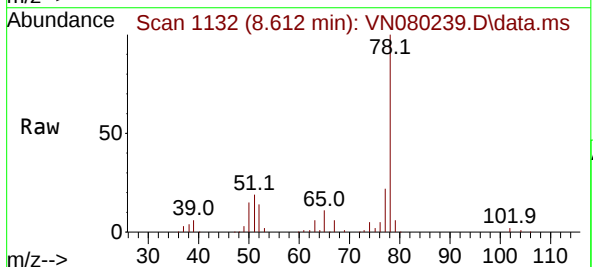
Manual Integrations
APPROVED

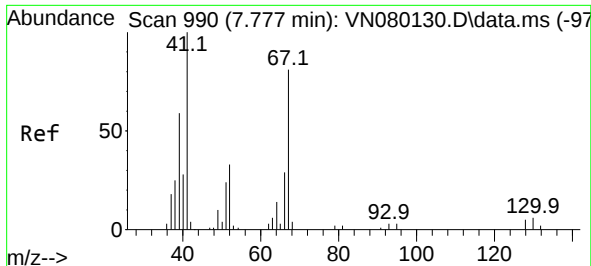
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#40
Benzene
Concen: 17.728 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Tgt Ion: 78 Resp: 196142
Ion Ratio Lower Upper
78 100
77 22.3 19.0 28.6





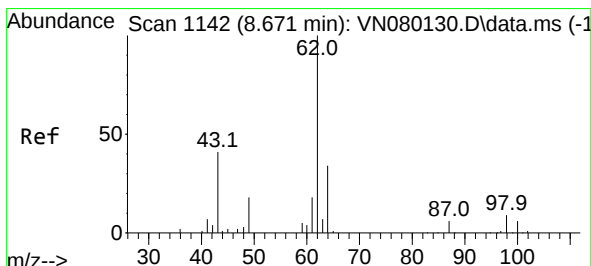
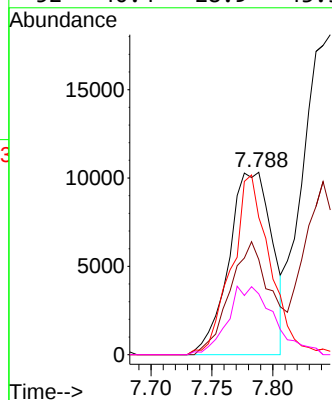
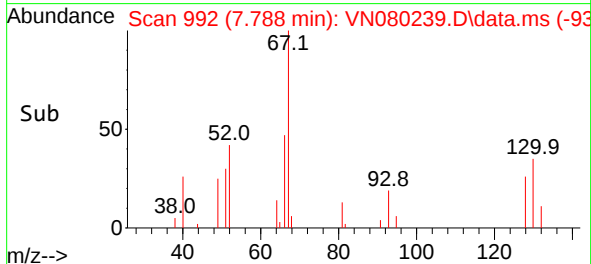
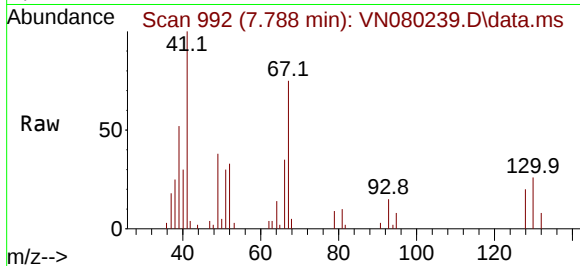
#41
Methacrylonitrile
Concen: 17.212 ug/l
RT: 7.788 min Scan# 990
Delta R.T. 0.012 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion: 41	Resp: 2552
Ion Ratio	Lower Upper
41 100	
39 59.8	42.6 64.0
67 87.4	77.5 116.3
52 40.4	28.9 43.3

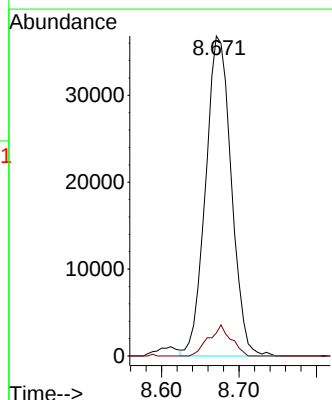
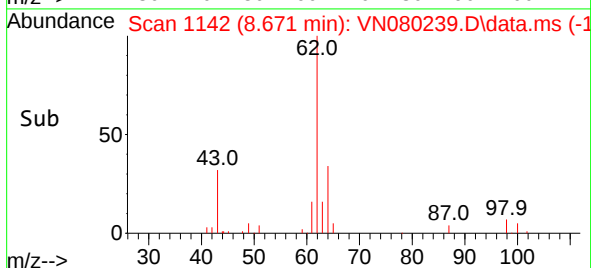
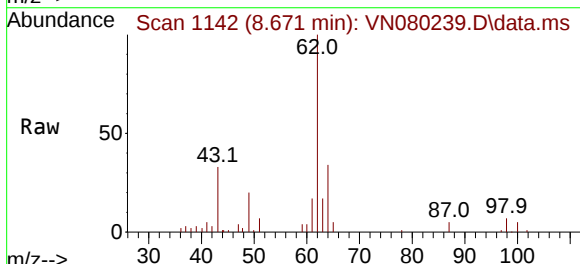
Manual Integrations
APPROVED

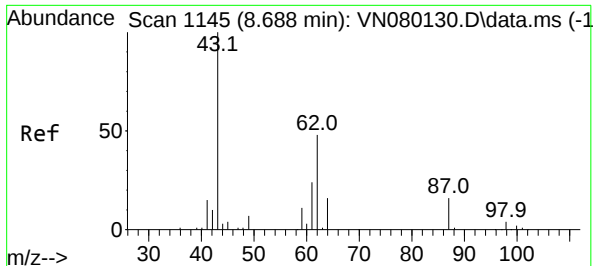
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#42
1,2-Dichloroethane
Concen: 18.769 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Tgt Ion: 62	Resp: 84955
Ion Ratio	Lower Upper
62 100	
98 8.4	0.0 19.8





#43

Isopropyl Acetate

Concen: 15.299 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080239.D

Acq: 22 Nov 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

Tgt Ion: 43 Resp: 80390

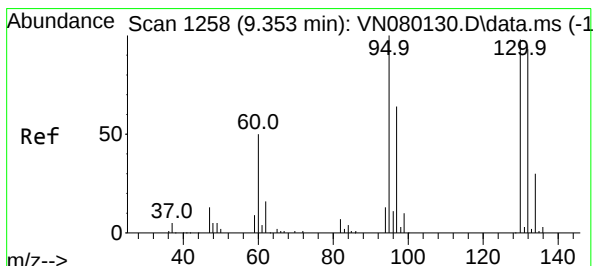
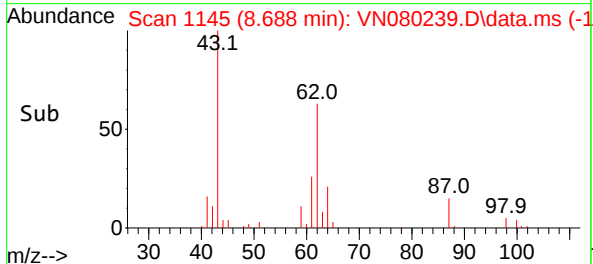
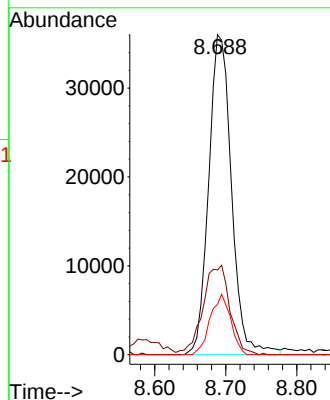
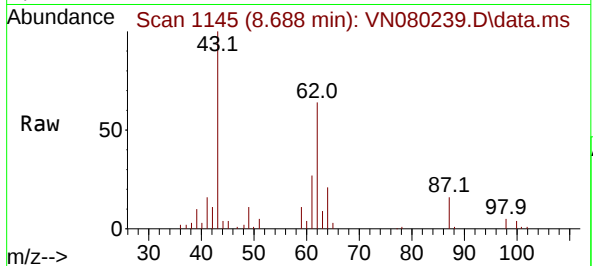
Ion	Ratio	Lower	Upper
43	100		
61	33.1	24.7	37.1
87	16.9	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#44

Trichloroethene

Concen: 17.827 ug/l

RT: 9.353 min Scan# 1258

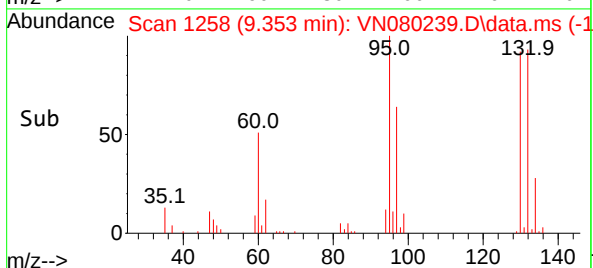
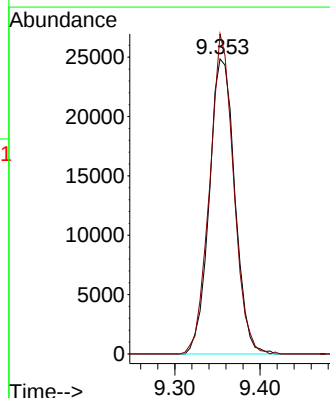
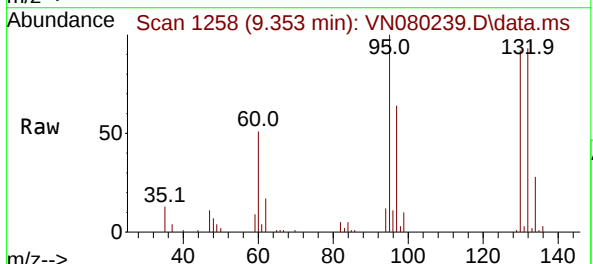
Delta R.T. -0.000 min

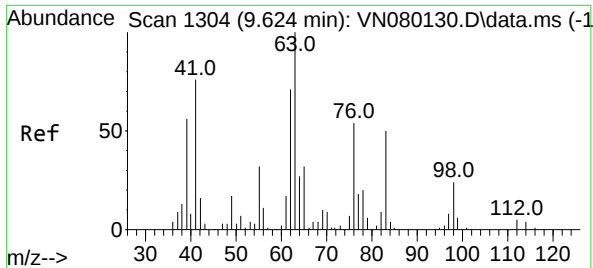
Lab File: VN080239.D

Acq: 22 Nov 2023 11:33

Tgt Ion:130 Resp: 51735

Ion	Ratio	Lower	Upper
130	100		
95	108.4	0.0	204.6





#45

1,2-Dichloropropane

Concen: 18.245 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080239.D

Acq: 22 Nov 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

Tgt Ion: 63 Resp: 46910

Ion Ratio Lower Upper

63 100

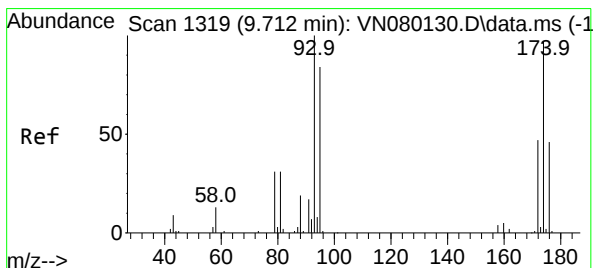
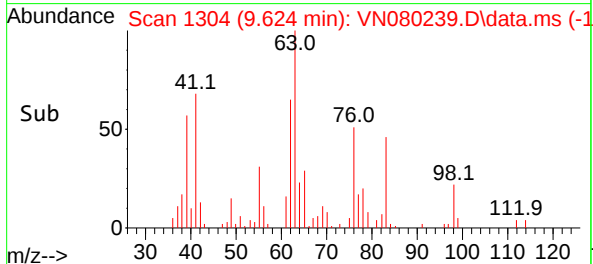
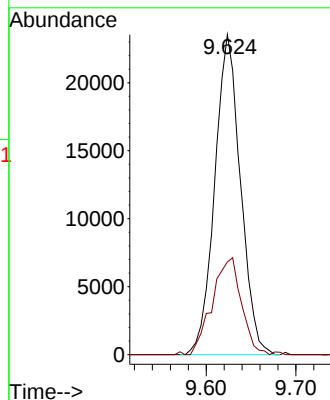
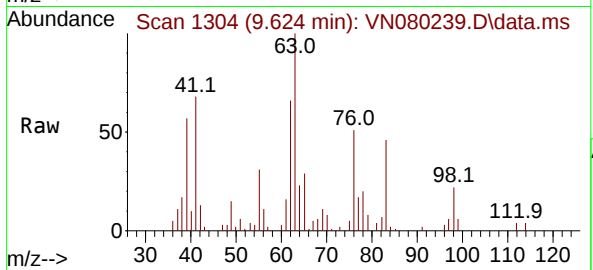
65 28.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#46

Dibromomethane

Concen: 18.039 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080239.D

Acq: 22 Nov 2023 11:33

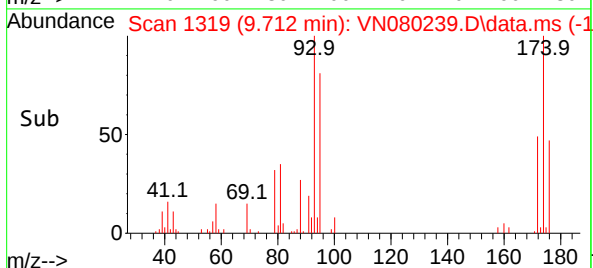
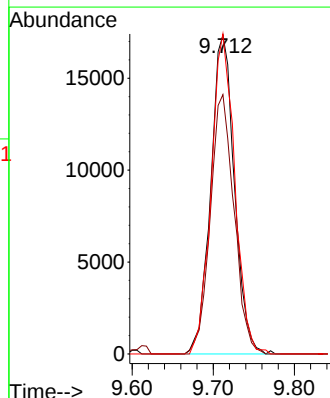
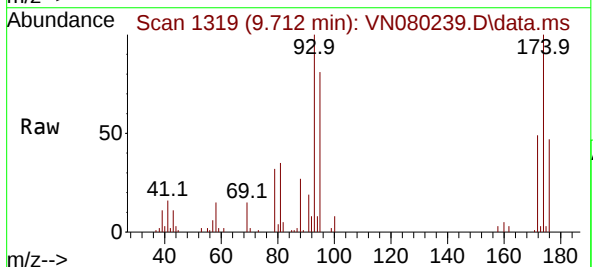
Tgt Ion: 93 Resp: 35108

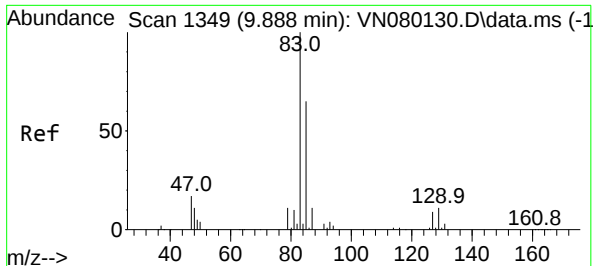
Ion Ratio Lower Upper

93 100

95 81.8 63.8 95.8

174 99.9 65.6 98.4#





#47

Bromodichloromethane

Concen: 18.932 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN080239.D

Acq: 22 Nov 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

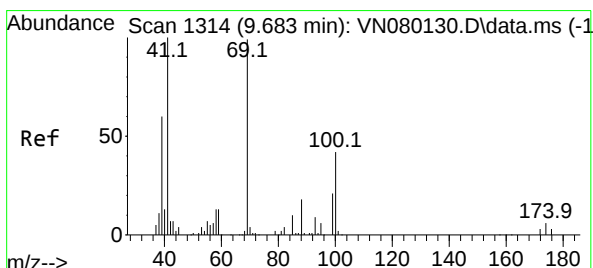
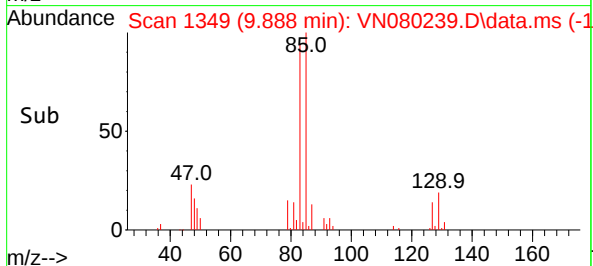
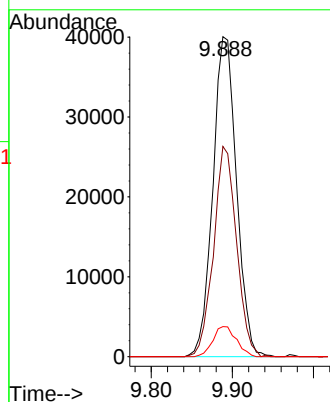
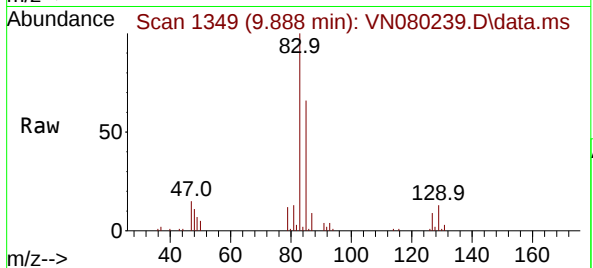
Tgt Ion:	83	Resp:	8105
Ion Ratio	Lower	Upper	
83	100		
85	65.7	49.6	74.4
127	9.4	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#48

Methyl methacrylate

Concen: 17.688 ug/l

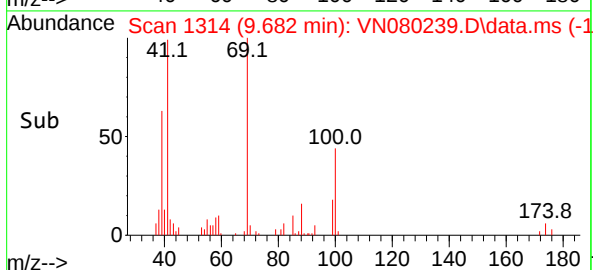
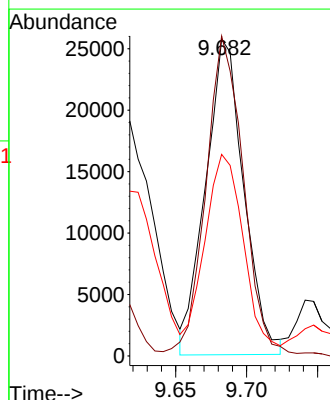
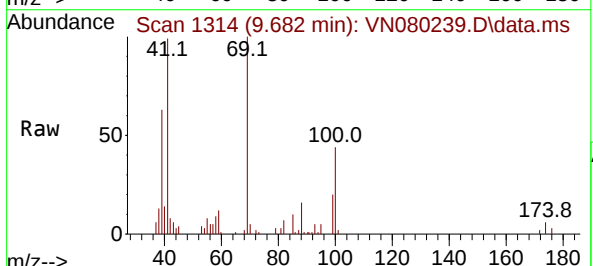
RT: 9.682 min Scan# 1314

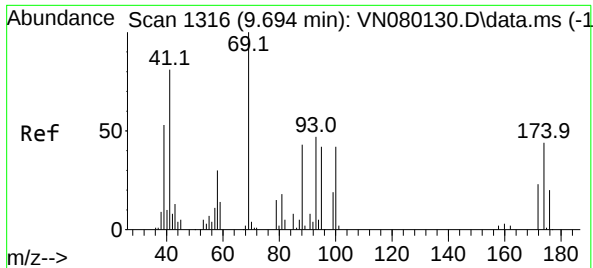
Delta R.T. -0.000 min

Lab File: VN080239.D

Acq: 22 Nov 2023 11:33

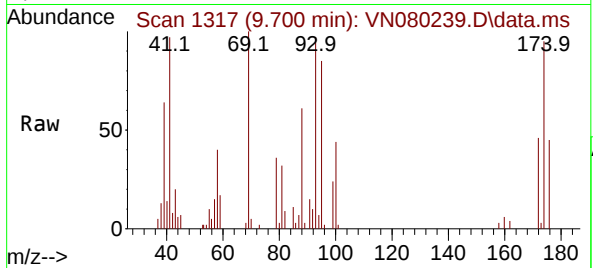
Tgt Ion:	41	Resp:	47897
Ion Ratio	Lower	Upper	
41	100		
69	100.5	90.4	135.6
39	66.4	54.6	81.8





#49
1,4-Dioxane
Concen: 355.890 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

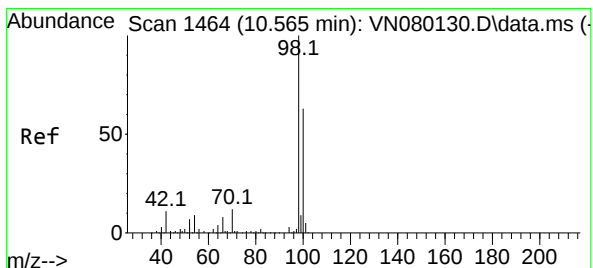
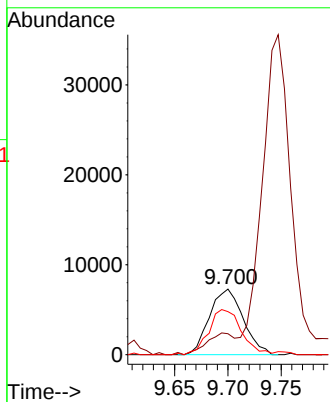
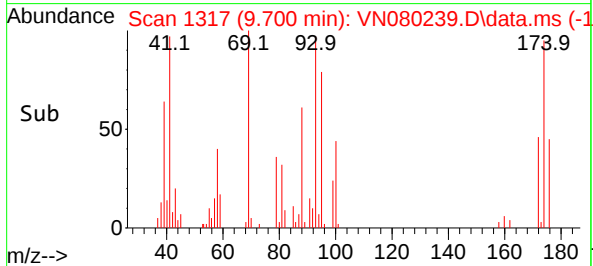
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



Tgt Ion: 88 Resp: 16032
Ion Ratio Lower Upper
88 100
43 27.1 17.0 25.6
58 66.7 47.0 70.4

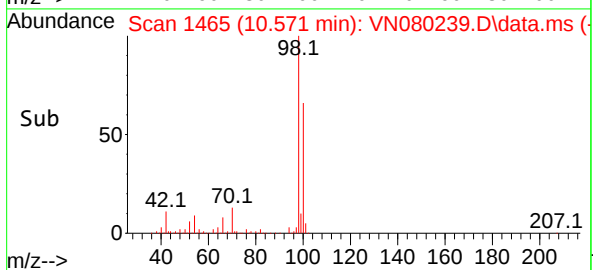
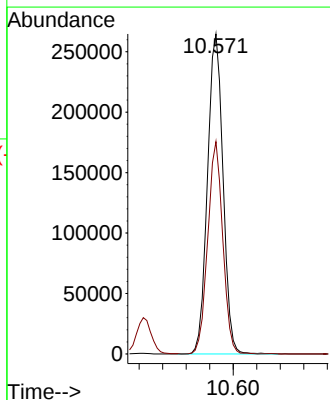
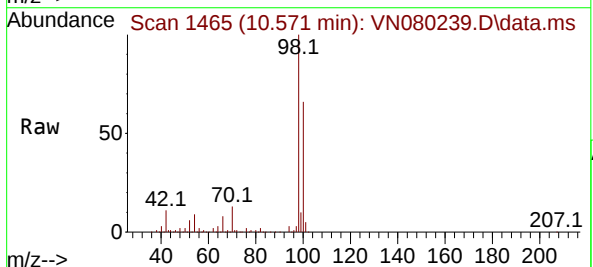
Manual Integrations
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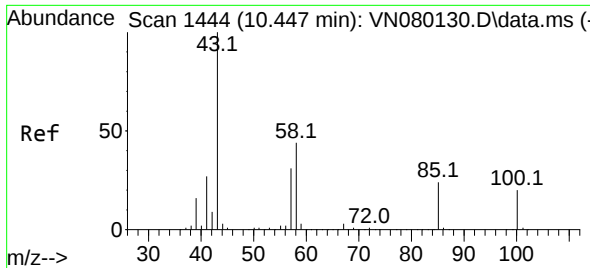
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#50
Toluene-d8
Concen: 50.041 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

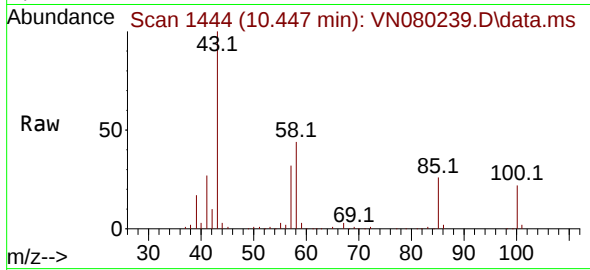
Tgt Ion: 98 Resp: 485019
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 90.038 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

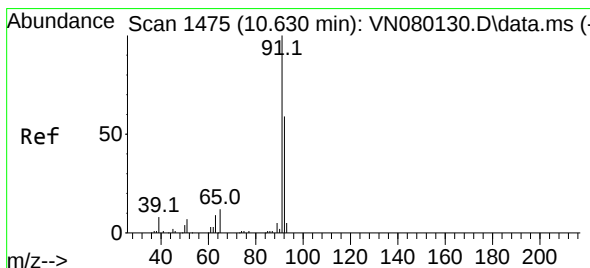
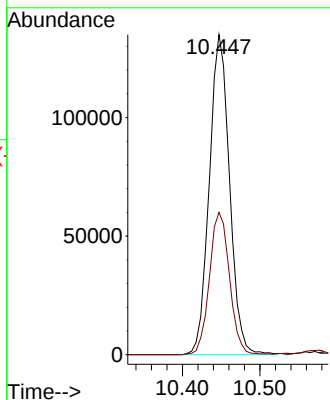
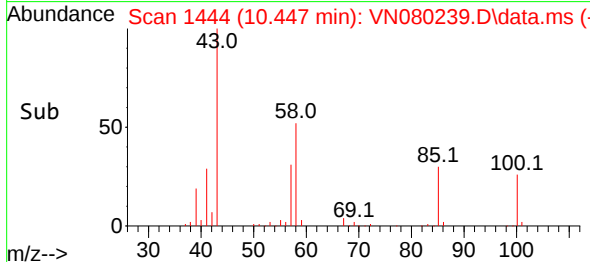
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



Tgt Ion: 43 Resp: 244938
Ion Ratio Lower Upper
43 100
58 44.1 36.6 54.8

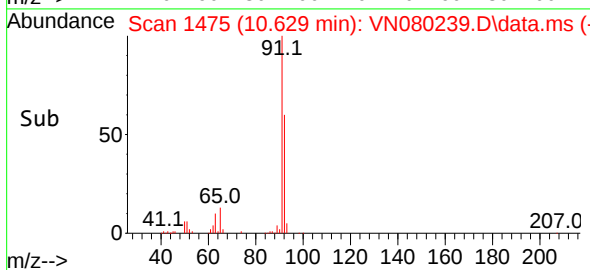
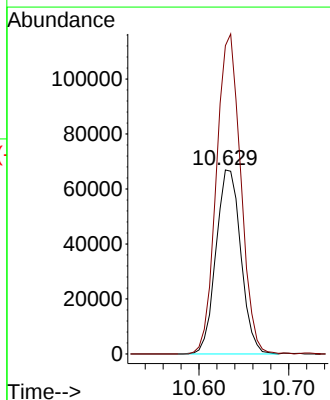
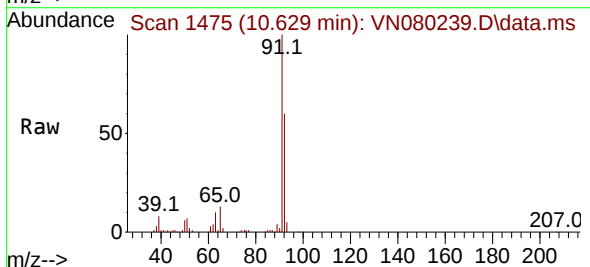
Manual Integrations
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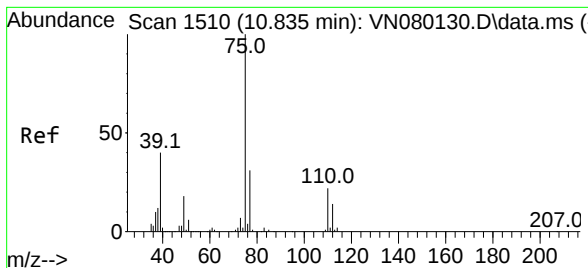
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#52
Toluene
Concen: 18.576 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Tgt Ion: 92 Resp: 128618
Ion Ratio Lower Upper
92 100
91 170.7 137.4 206.0





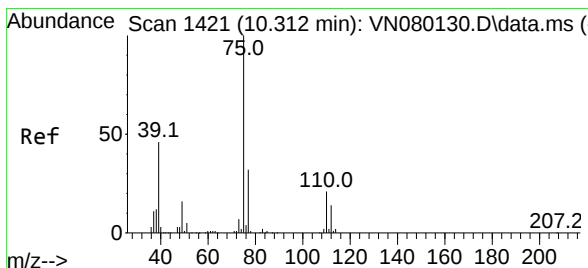
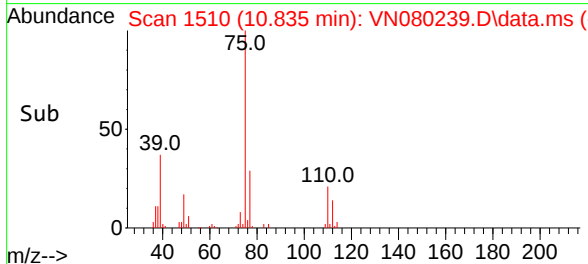
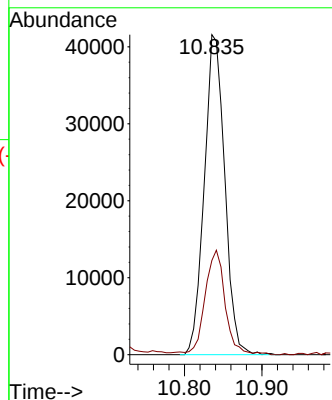
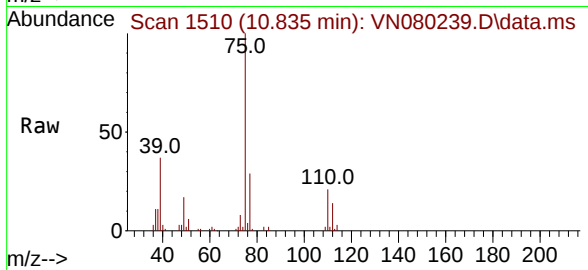
#53
t-1,3-Dichloropropene
Concen: 17.341 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion: 75 Resp: 76278
Ion Ratio Lower Upper
75 100
77 29.4 25.4 38.0

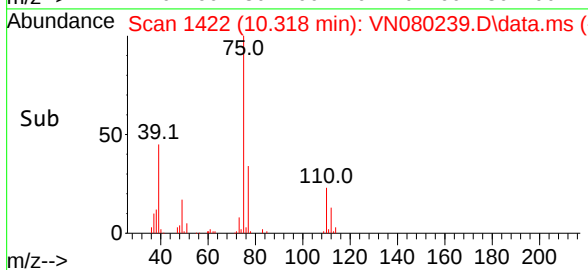
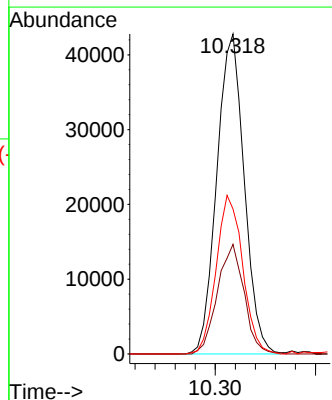
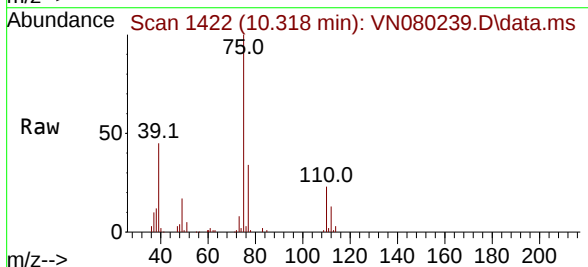
Manual Integrations
APPROVED

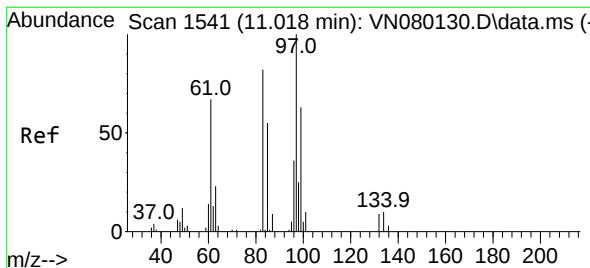
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#54
cis-1,3-Dichloropropene
Concen: 18.017 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Tgt Ion: 75 Resp: 80966
Ion Ratio Lower Upper
75 100
77 34.3 26.1 39.1
39 45.3 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 19.336 ug/l

RT: 11.012 min Scan# 1541

Delta R.T. -0.006 min

Lab File: VN080239.D

Acq: 22 Nov 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

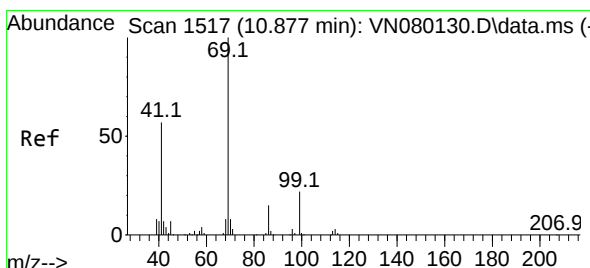
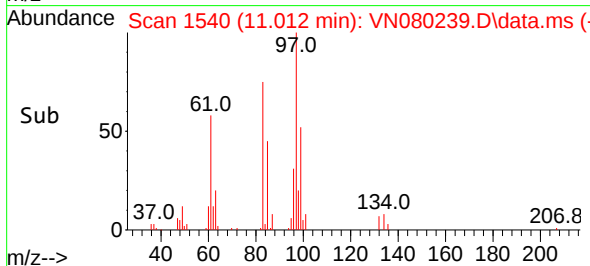
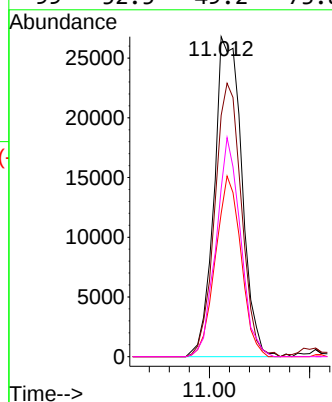
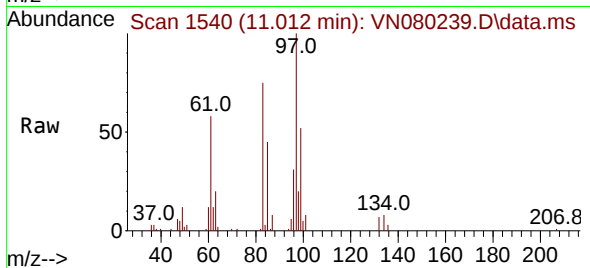
Tgt Ion: 97	Resp: 51099
Ion Ratio	Lower Upper
97 100	
83 75.4	65.1 97.7
85 44.8	43.4 65.2
99 52.5	49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#56

Ethyl methacrylate

Concen: 17.774 ug/l

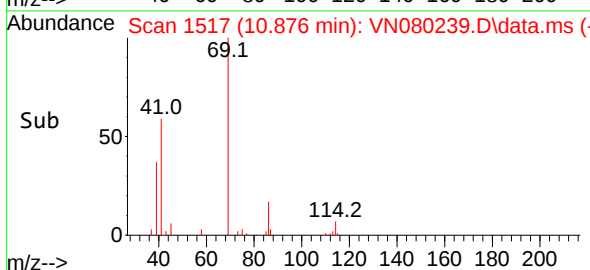
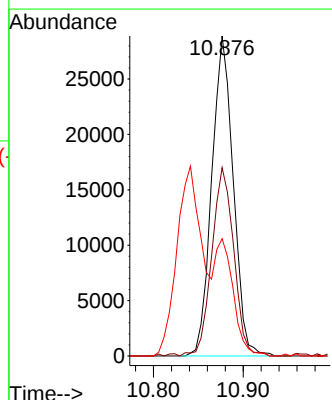
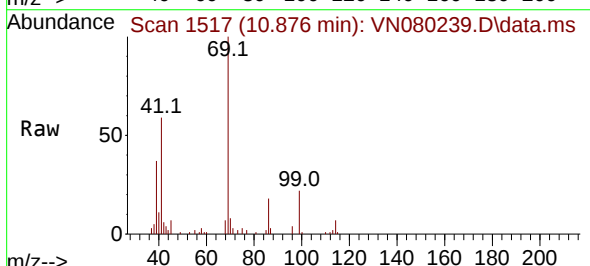
RT: 10.876 min Scan# 1517

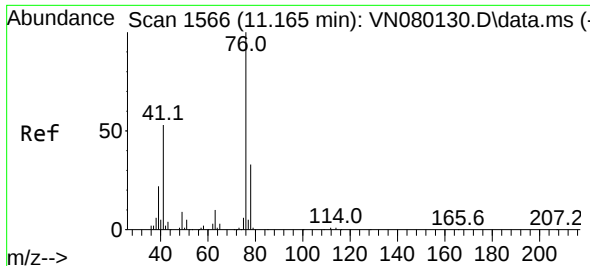
Delta R.T. -0.000 min

Lab File: VN080239.D

Acq: 22 Nov 2023 11:33

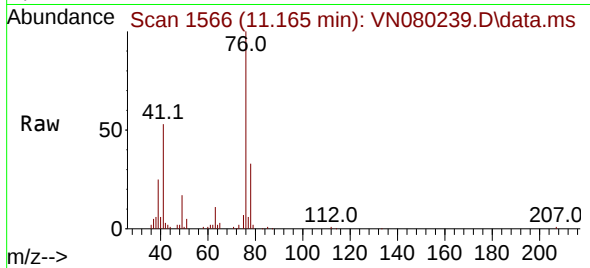
Tgt Ion: 69	Resp: 47983
Ion Ratio	Lower Upper
69 100	
41 60.2	39.6 59.4
39 30.4	28.6 43.0





#57
1,3-Dichloropropane
Concen: 18.217 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

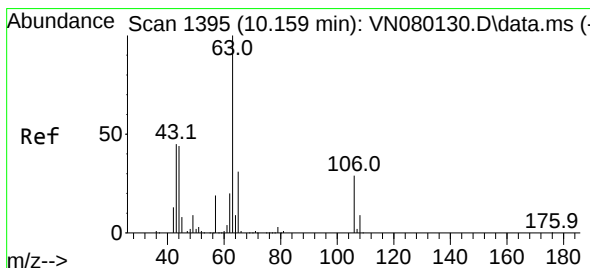
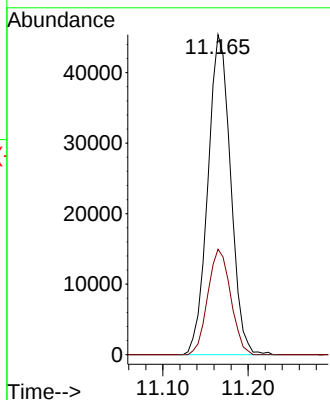
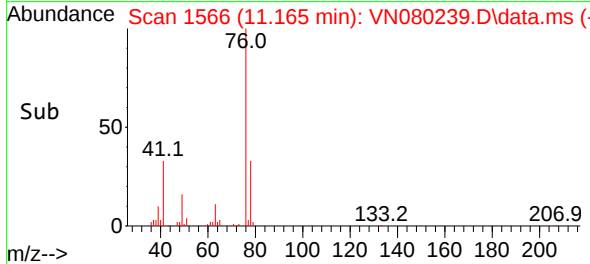
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



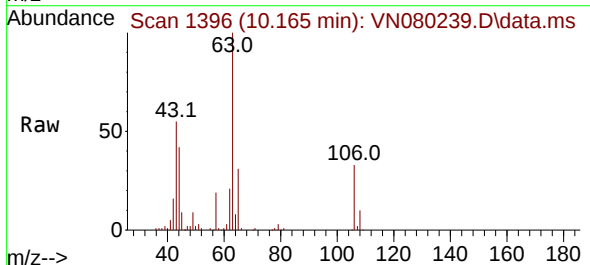
Tgt Ion: 76 Resp: 84052
Ion Ratio Lower Upper
76 100
78 33.0 26.1 39.1

Manual Integrations
APPROVED

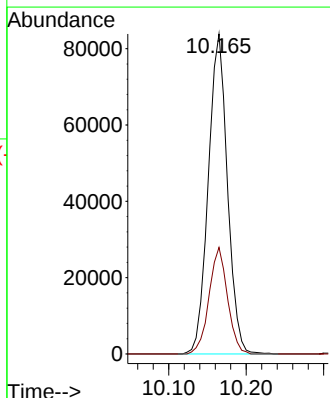
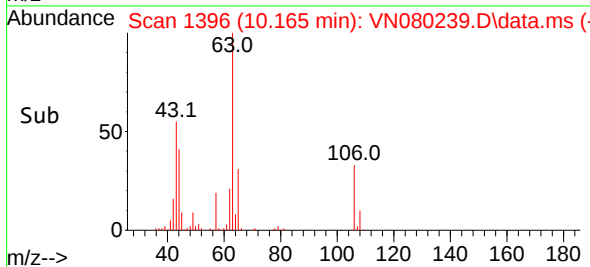
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

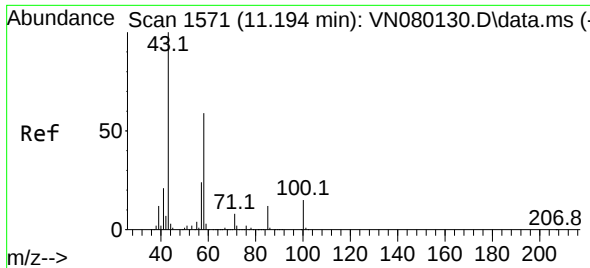


#58
2-Chloroethyl Vinyl ether
Concen: 94.566 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33



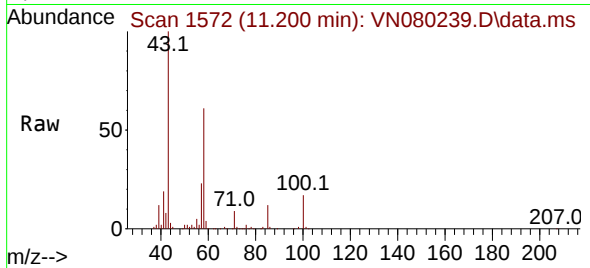
Tgt Ion: 63 Resp: 143827
Ion Ratio Lower Upper
63 100
106 32.1 26.2 39.4





#59
2-Hexanone
Concen: 85.505 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

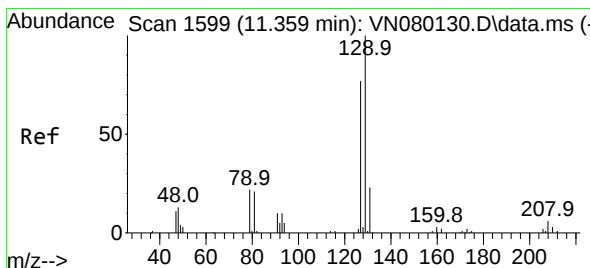
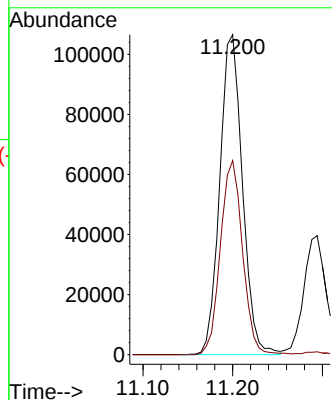
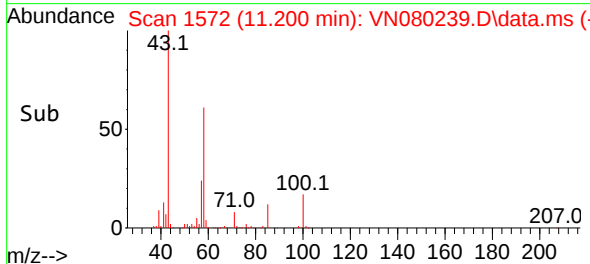
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



Tgt Ion: 43 Resp: 186909
Ion Ratio Lower Upper
43 100
58 59.3 31.7 95.1

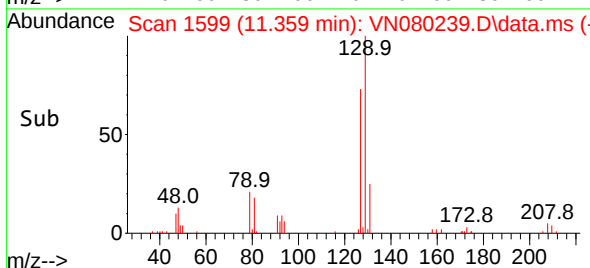
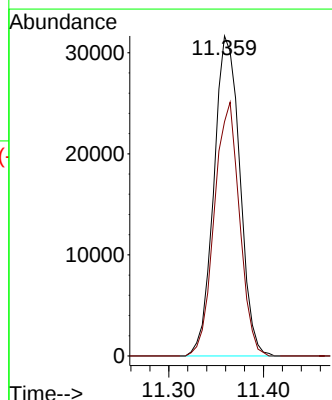
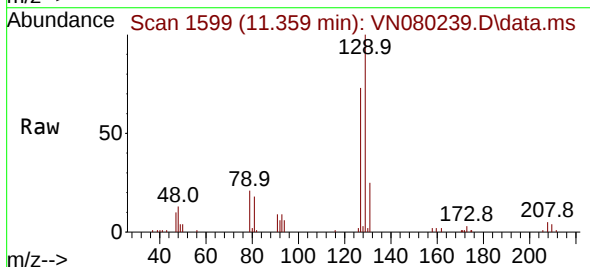
Manual Integrations
APPROVED

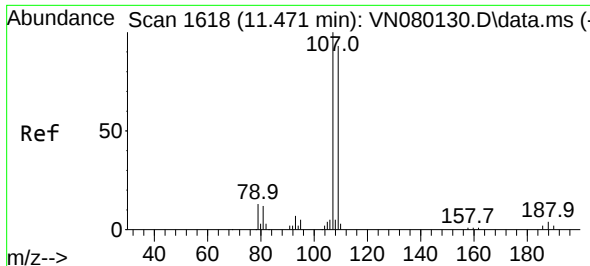
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#60
Dibromochloromethane
Concen: 19.078 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Tgt Ion:129 Resp: 60358
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





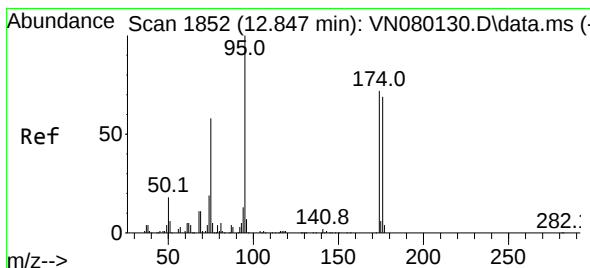
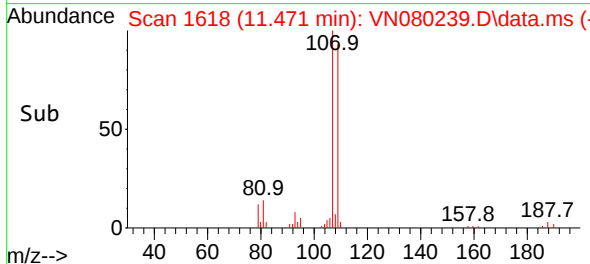
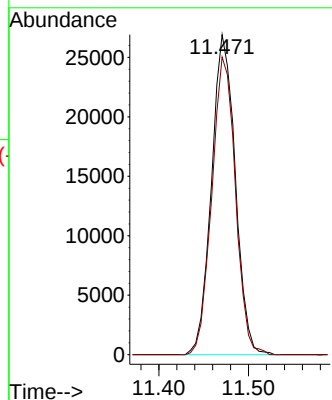
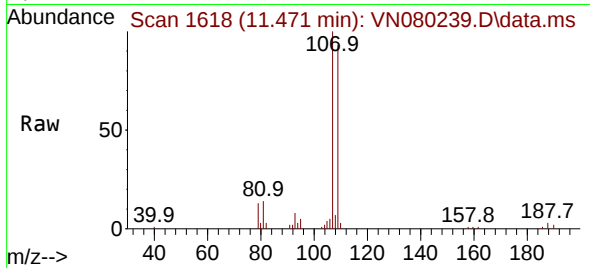
#61
1,2-Dibromoethane
Concen: 18.322 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion:107 Resp: 49390
Ion Ratio Lower Upper
107 100
109 92.5 76.6 114.8

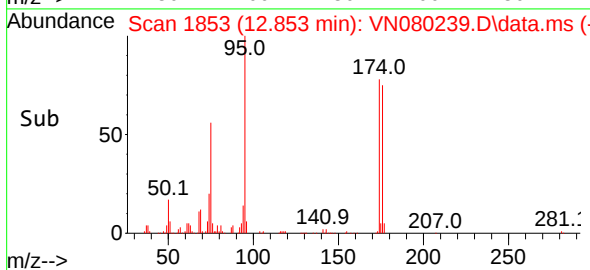
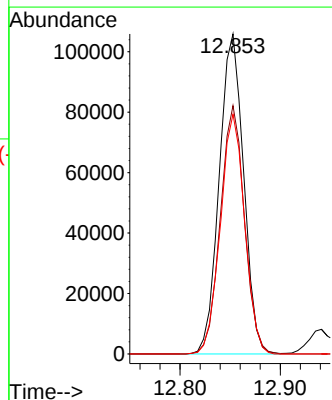
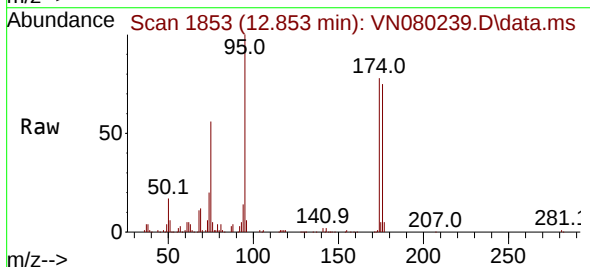
Manual Integrations
APPROVED

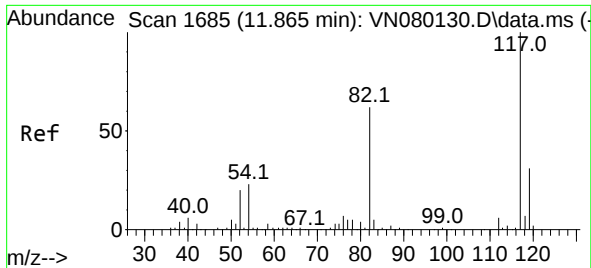
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#62
4-Bromofluorobenzene
Concen: 48.732 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

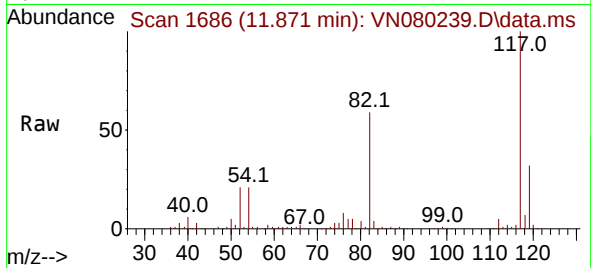
Tgt Ion: 95 Resp: 178405
Ion Ratio Lower Upper
95 100
174 76.6 0.0 143.8
176 74.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

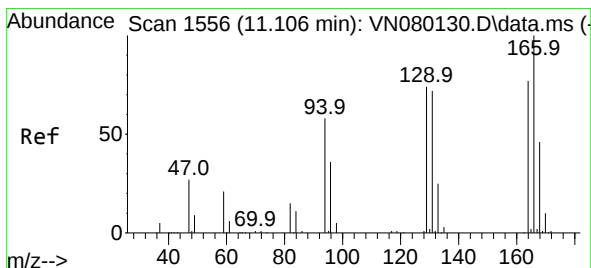
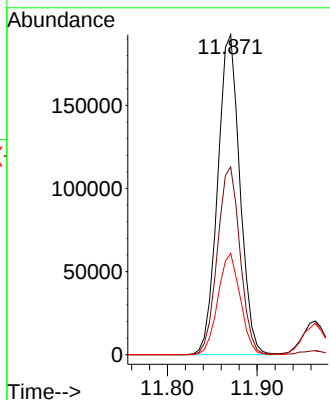
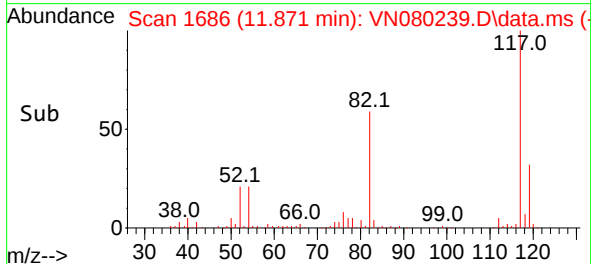
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



Tgt Ion:117 Resp: 331360
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 31.7 25.6 38.4

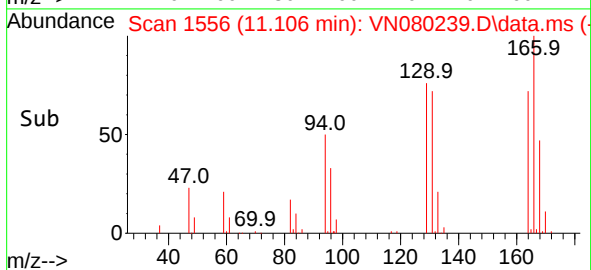
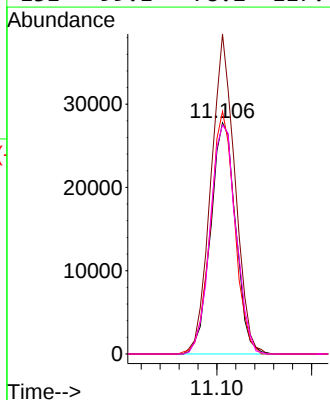
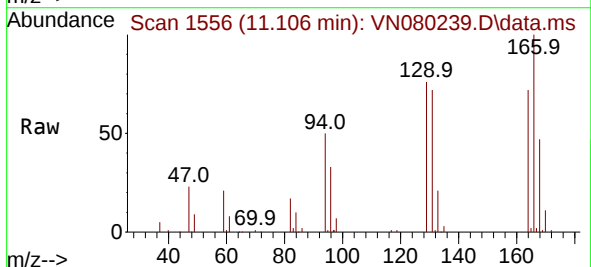
Manual Integrations
APPROVED

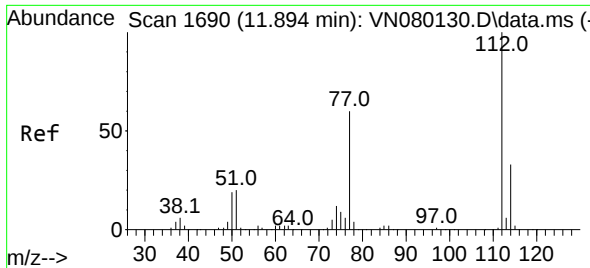
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#64
Tetrachloroethene
Concen: 20.122 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Tgt Ion:164 Resp: 50887
Ion Ratio Lower Upper
164 100
166 138.4 101.4 152.0
129 104.9 82.4 123.6
131 99.1 78.2 117.4





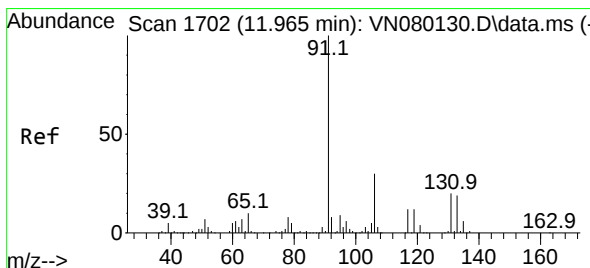
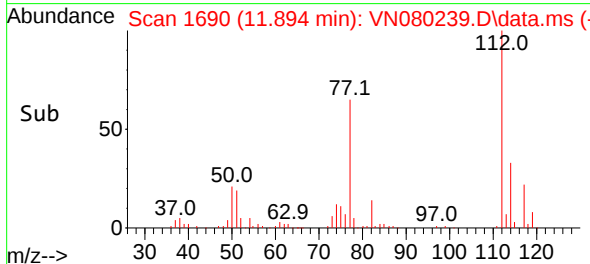
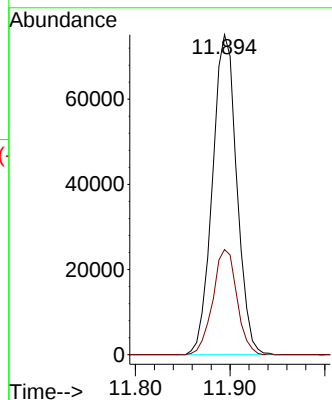
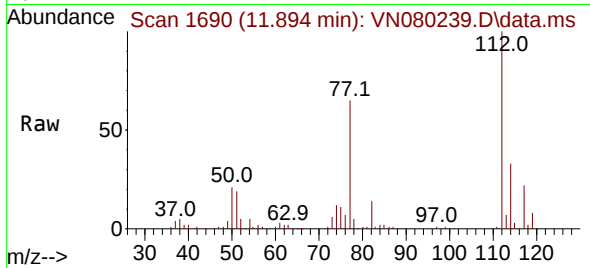
#65
Chlorobenzene
Concen: 17.839 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion:112 Resp: 133948
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.4

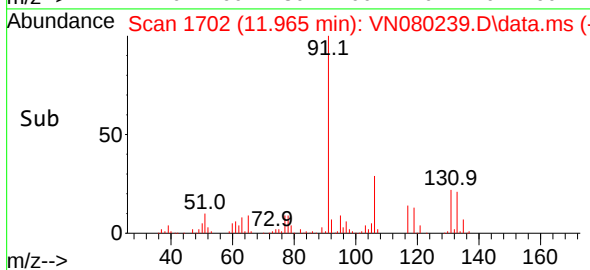
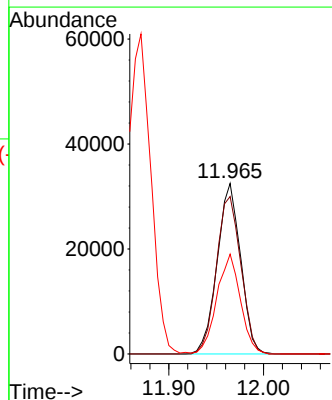
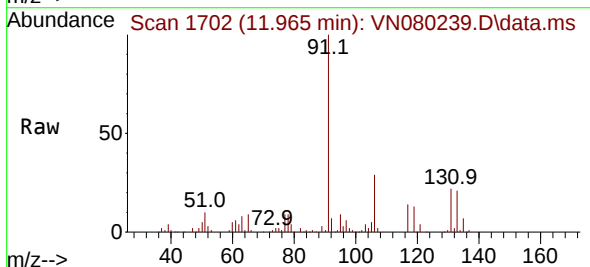
Manual Integrations
APPROVED

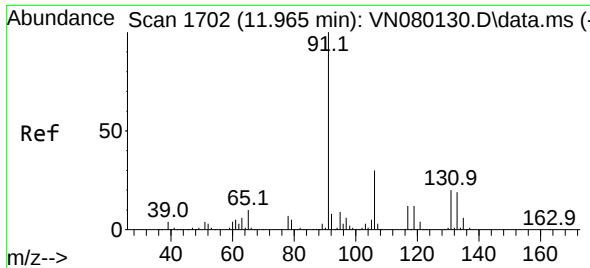
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.236 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Tgt Ion:131 Resp: 56049
Ion Ratio Lower Upper
131 100
133 96.1 46.4 139.1
119 58.7 34.1 102.2





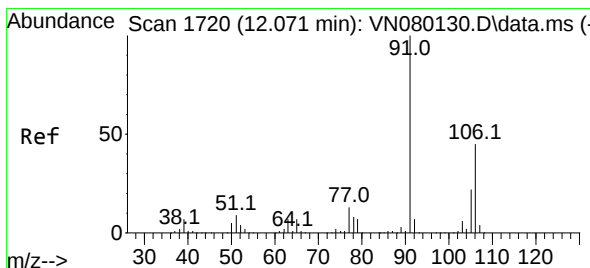
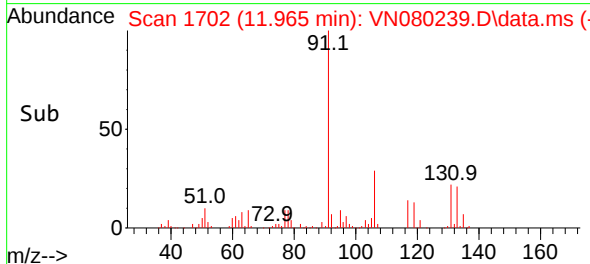
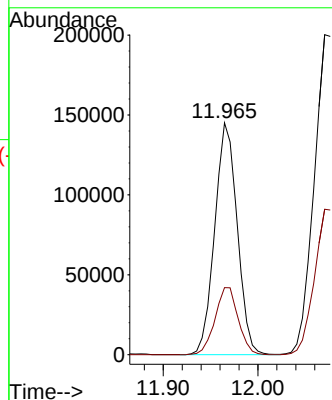
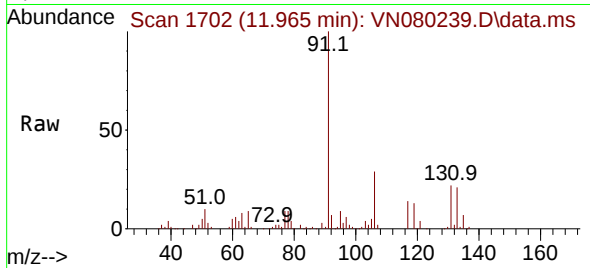
#67
Ethyl Benzene
Concen: 17.922 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion: 91 Resp: 239458
Ion Ratio Lower Upper
91 100
106 28.9 25.6 38.4

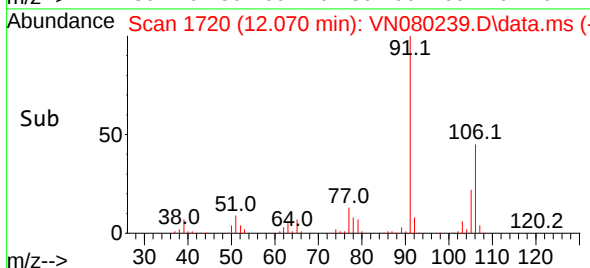
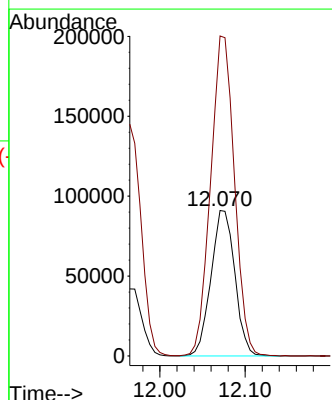
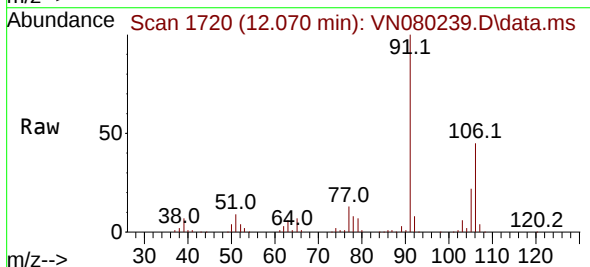
Manual Integrations
APPROVED

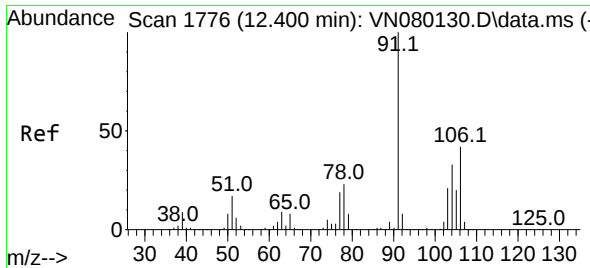
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#68
m/p-Xylenes
Concen: 36.318 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Tgt Ion:106 Resp: 176925
Ion Ratio Lower Upper
106 100
91 220.5 159.6 239.4





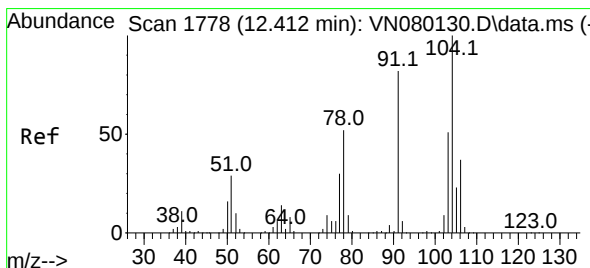
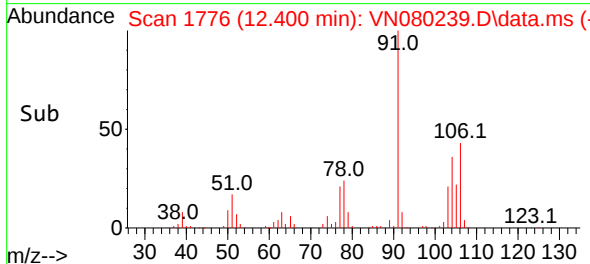
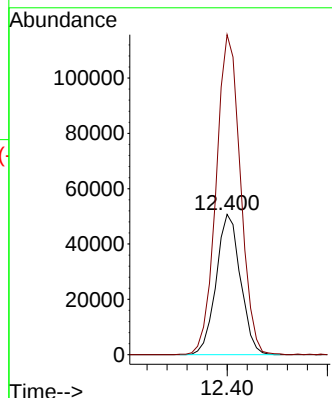
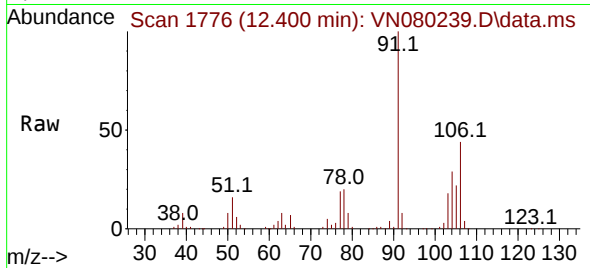
#69
o-Xylene
Concen: 18.577 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion:106 Resp: 85285
Ion Ratio Lower Upper
106 100
91 228.2 105.2 315.5

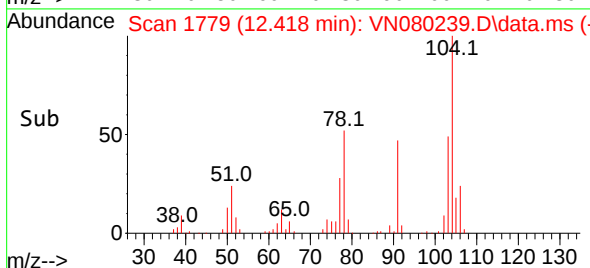
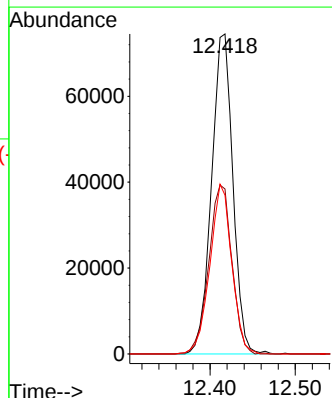
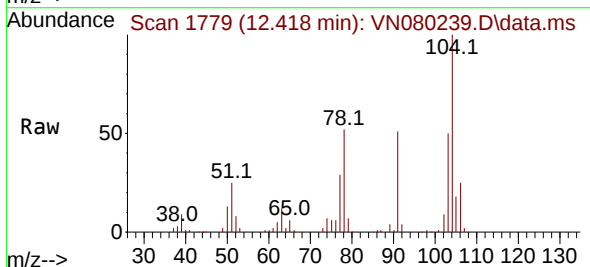
Manual Integrations
APPROVED

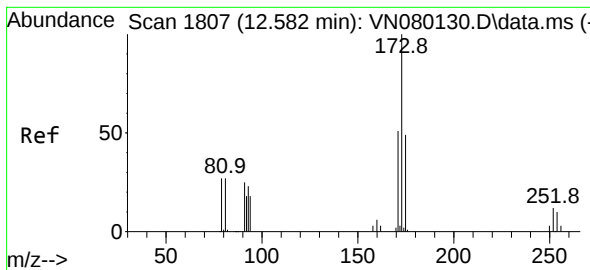
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#70
Styrene
Concen: 19.003 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Tgt Ion:104 Resp: 129849
Ion Ratio Lower Upper
104 100
78 57.2 39.5 59.3
103 54.3 43.2 64.8





#71

Bromoform

Concen: 18.909 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN080239.D

Acq: 22 Nov 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

Tgt Ion:173 Resp: 40858

Ion Ratio Lower Upper

173 100

175 49.6 24.3 73.0

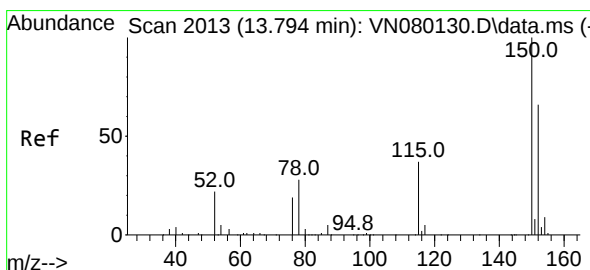
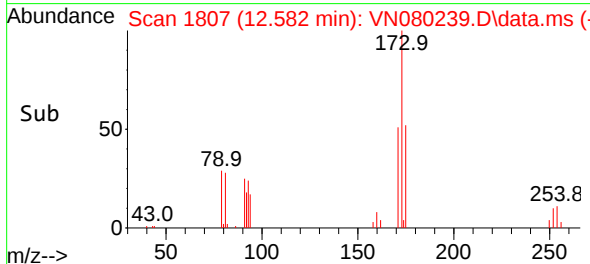
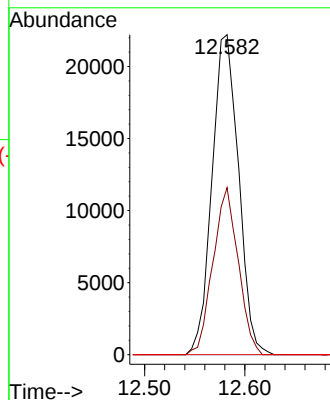
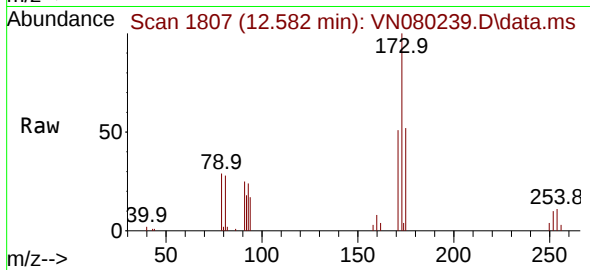
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080239.D

Acq: 22 Nov 2023 11:33

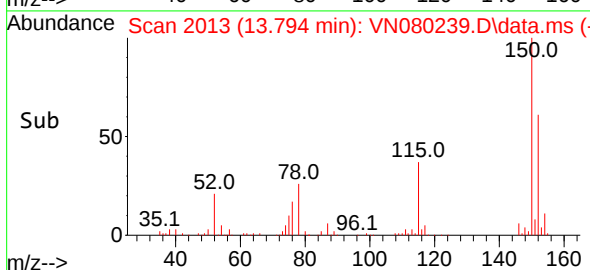
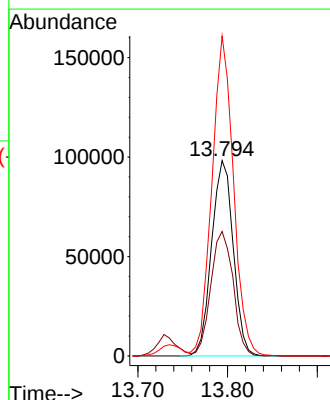
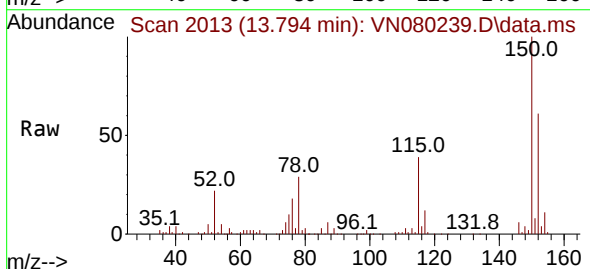
Tgt Ion:152 Resp: 164766

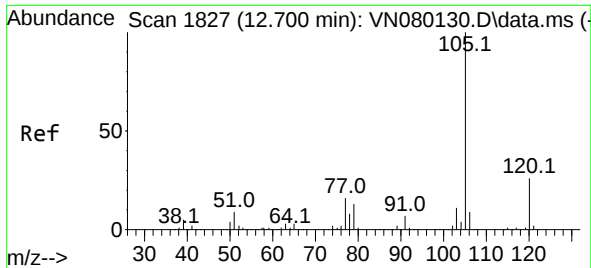
Ion Ratio Lower Upper

152 100

115 65.5 32.3 96.8

150 162.7 0.0 355.8





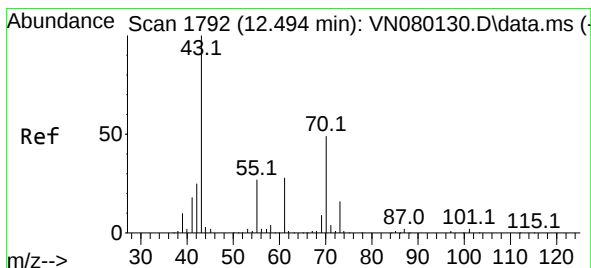
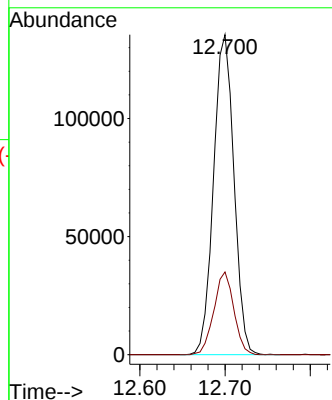
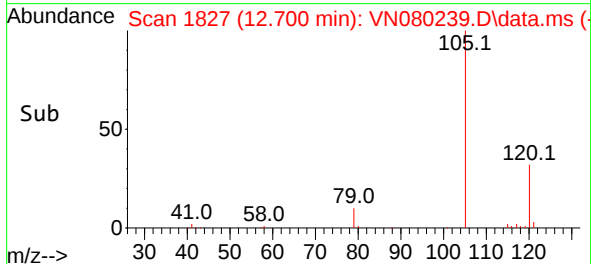
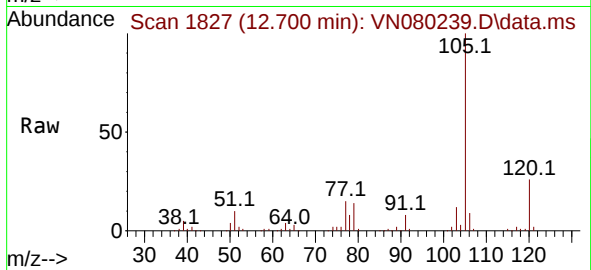
#73
Isopropylbenzene
Concen: 17.588 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion:105 Resp: 22518
Ion Ratio Lower Upper
105 100
120 25.3 13.1 39.1

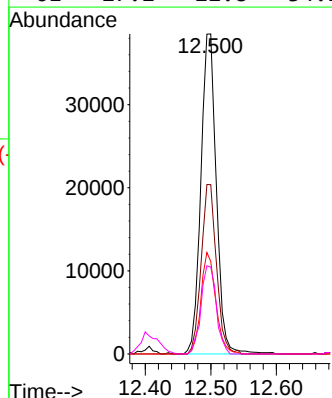
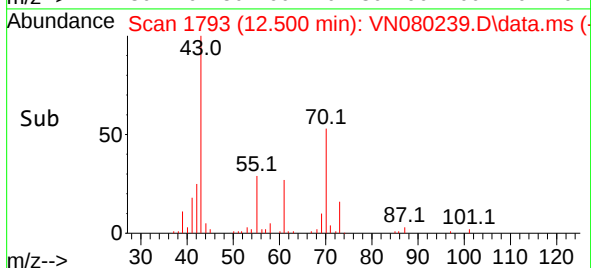
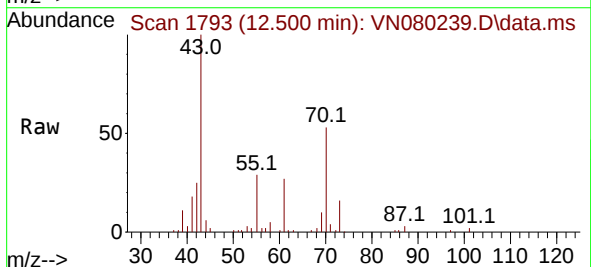
Manual Integrations
APPROVED

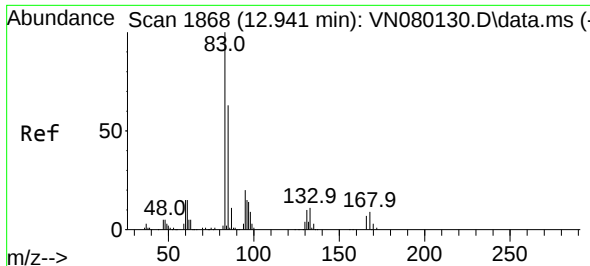
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#74
N-ethyl acetate
Concen: 15.876 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

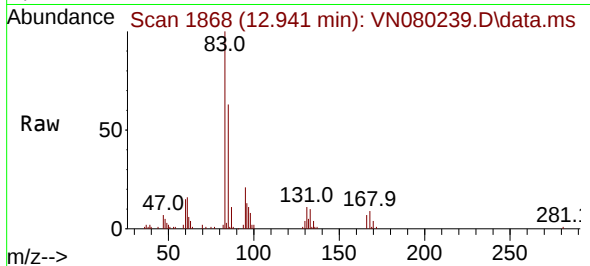
Tgt Ion: 43 Resp: 63388
Ion Ratio Lower Upper
43 100
70 52.3 43.4 65.2
55 30.3 21.4 32.0
61 27.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 16.925 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

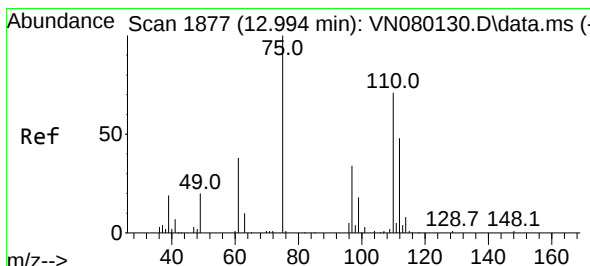
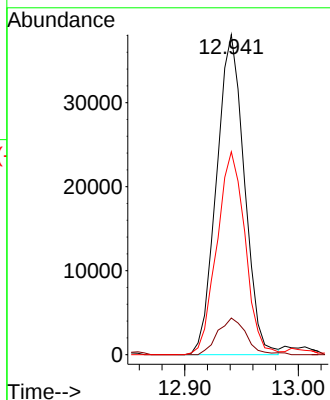
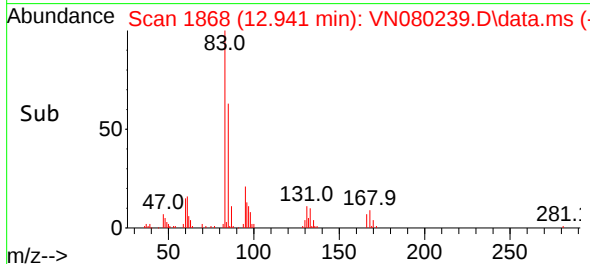
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



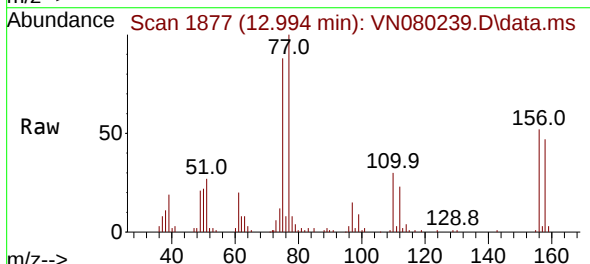
Tgt Ion: 83 Resp: 6485
Ion Ratio Lower Upper
83 100
131 11.8 5.0 15.0
85 64.3 31.9 95.7

Manual Integrations
APPROVED

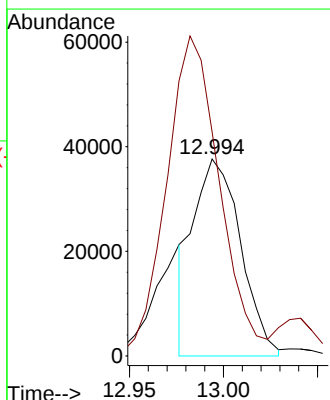
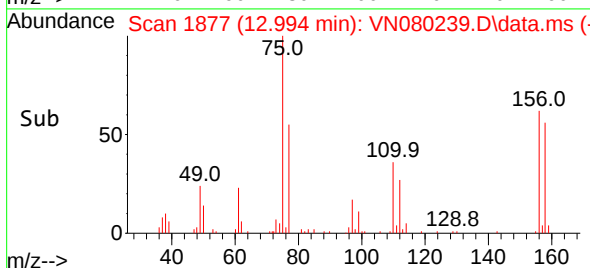
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

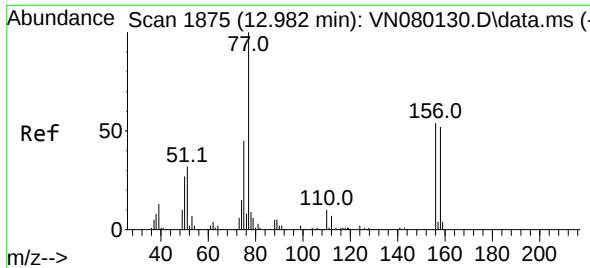


#76
1,2,3-Trichloropropane
Concen: 16.227 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33



Tgt Ion: 75 Resp: 65509
Ion Ratio Lower Upper
75 100
77 183.8 84.5 253.5





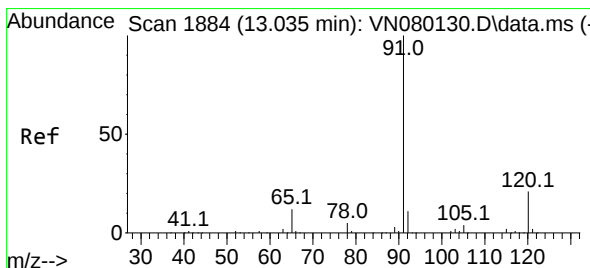
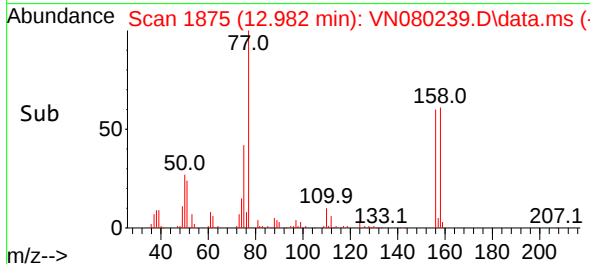
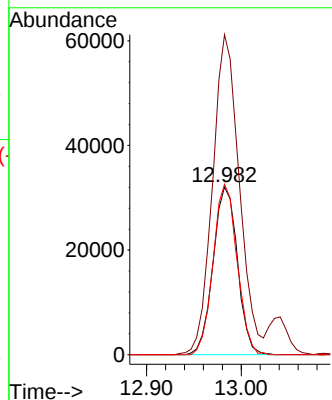
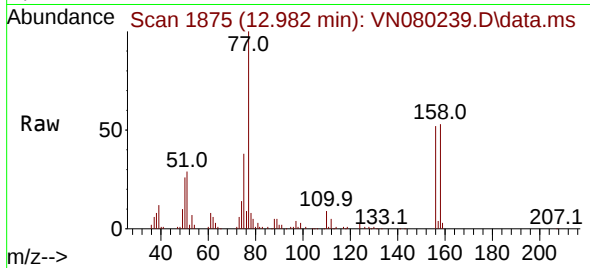
#77
Bromobenzene
Concen: 17.733 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion:156 Resp: 5724
Ion Ratio Lower Upper
156 100
77 210.4 107.7 323.3
158 100.0 48.4 145.3

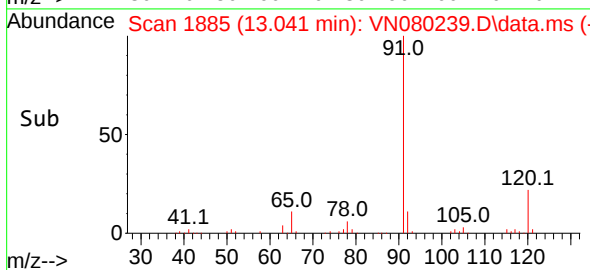
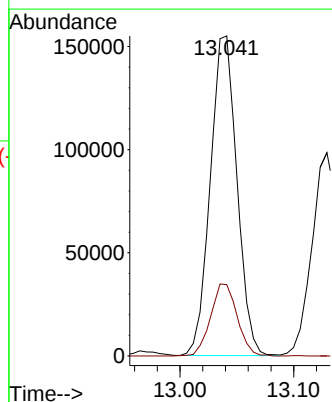
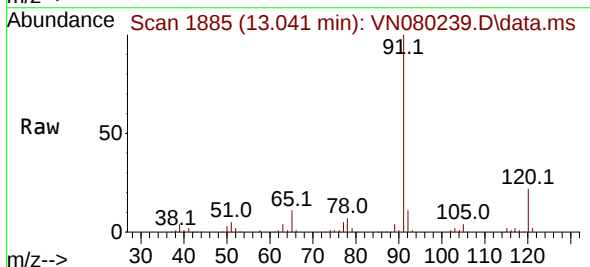
Manual Integrations
APPROVED

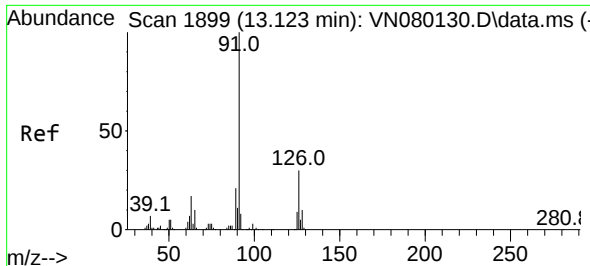
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#78
n-propylbenzene
Concen: 17.673 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

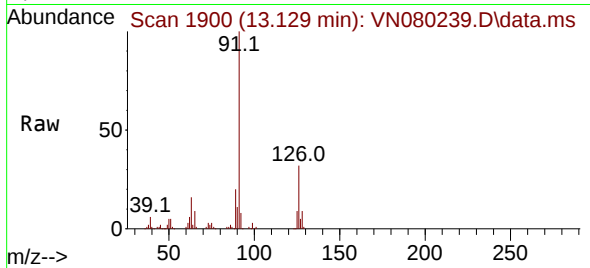
Tgt Ion: 91 Resp: 253024
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





#79
2-Chlorotoluene
Concen: 17.859 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

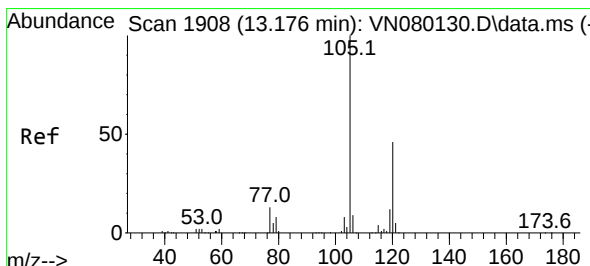
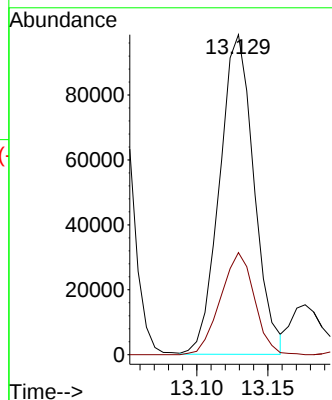
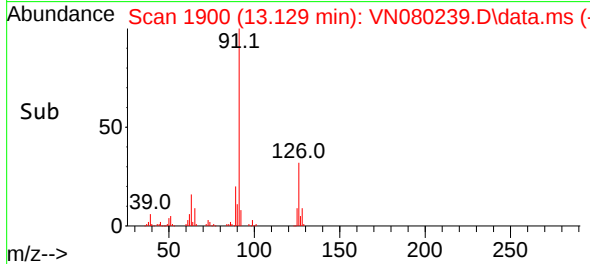
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



Tgt Ion: 91 Resp: 166072
Ion Ratio Lower Upper
91 100
126 31.5 16.3 48.8

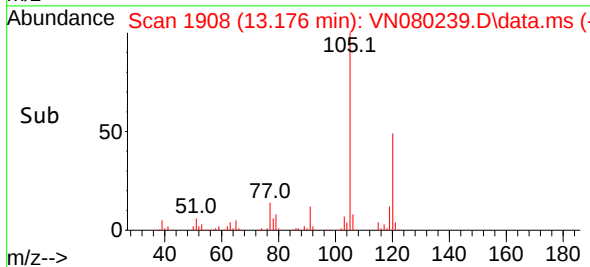
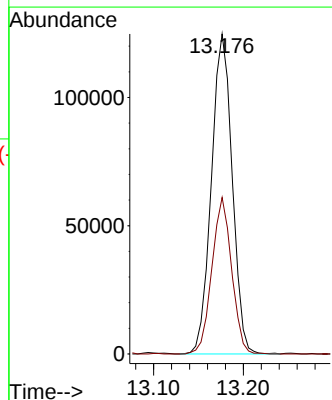
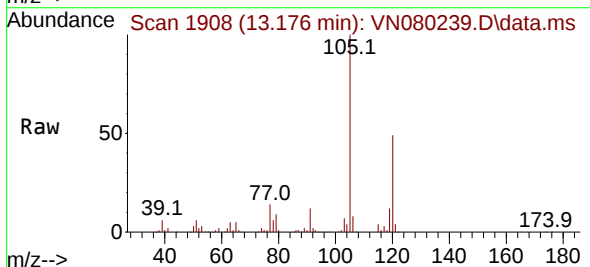
Manual Integrations
APPROVED

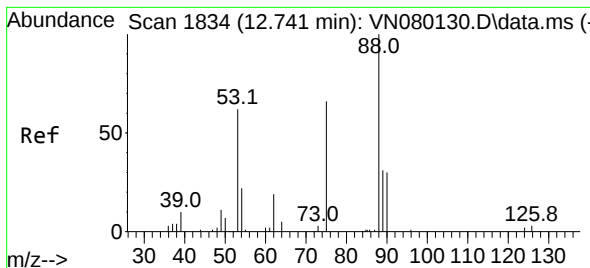
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.028 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

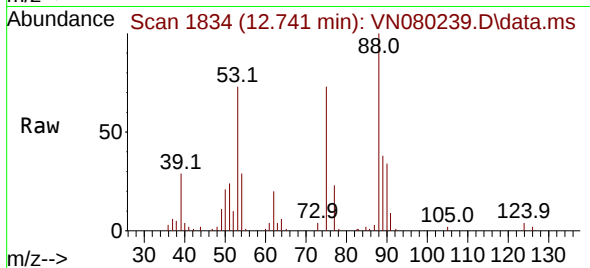
Tgt Ion:105 Resp: 200931
Ion Ratio Lower Upper
105 100
120 46.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.928 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

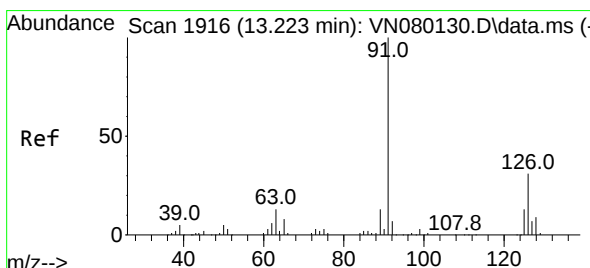
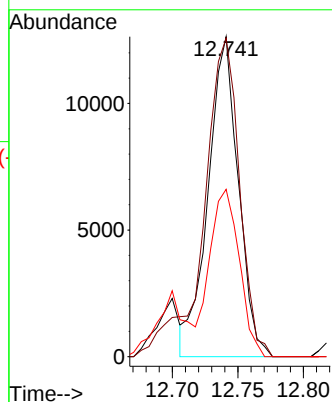
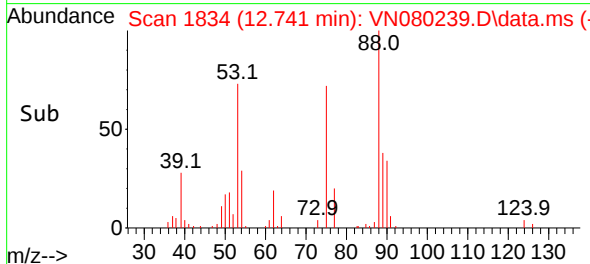
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



Tgt Ion: 75 Resp: 2022
Ion Ratio Lower Upper
75 100
53 118.4 67.4 101.2
89 51.1 38.8 58.2

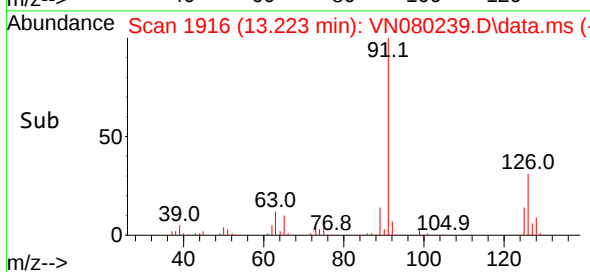
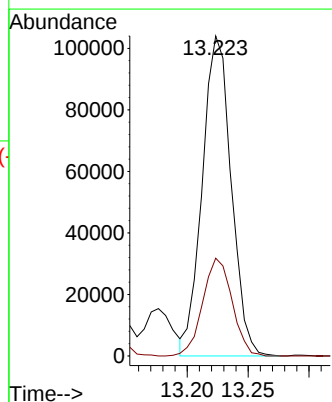
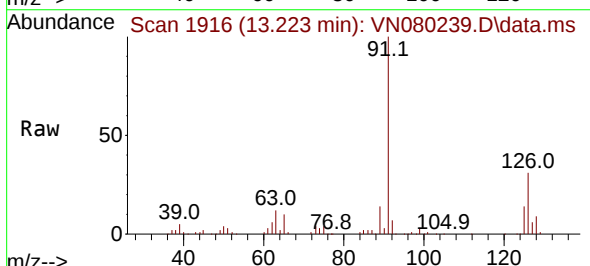
Manual Integrations
APPROVED

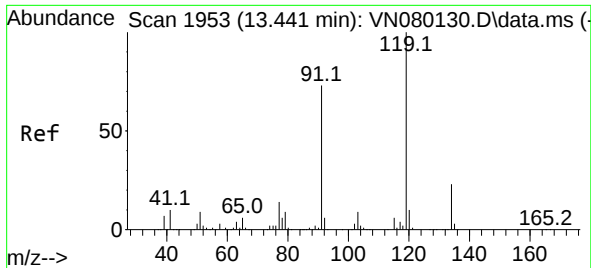
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#82
4-Chlorotoluene
Concen: 18.089 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

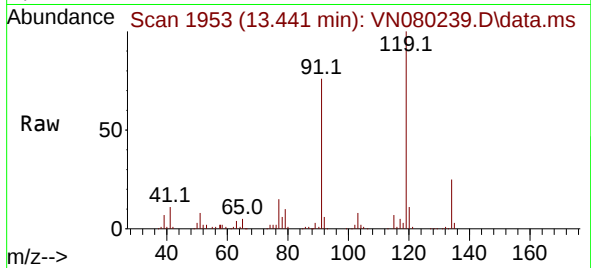
Tgt Ion: 91 Resp: 172323
Ion Ratio Lower Upper
91 100
126 31.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.019 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

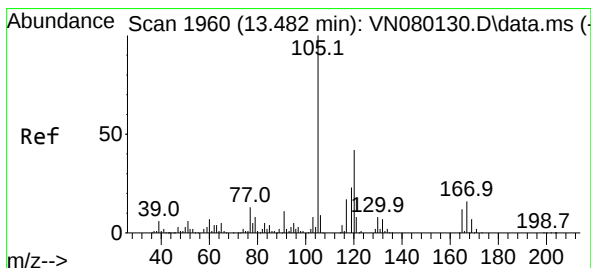
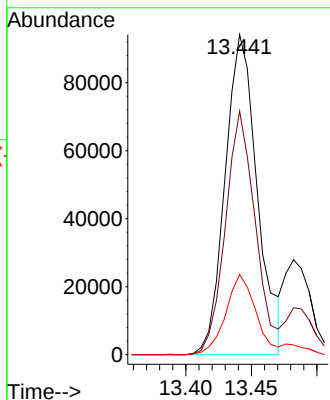
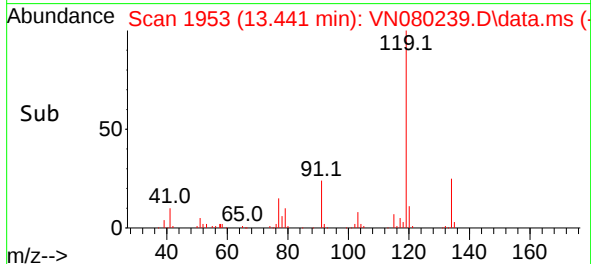
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



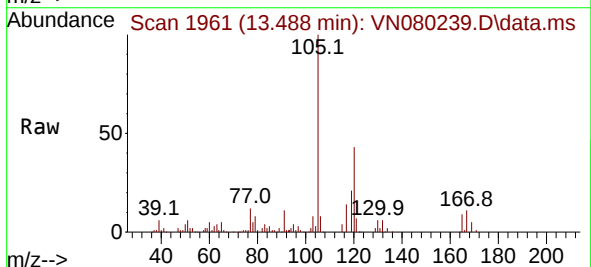
Tgt Ion:119 Resp: 16104
Ion Ratio Lower Upper
119 100
91 70.7 33.9 101.7
134 23.3 13.2 39.6

Manual Integrations
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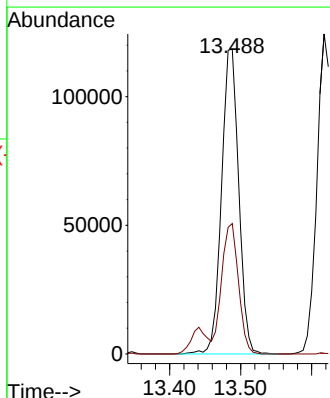
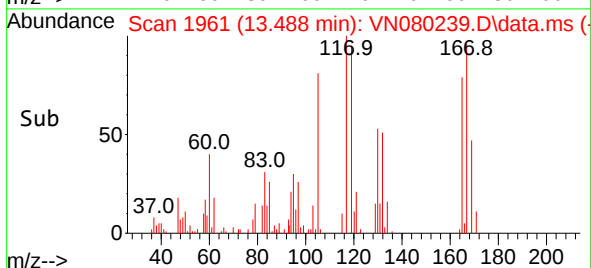
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

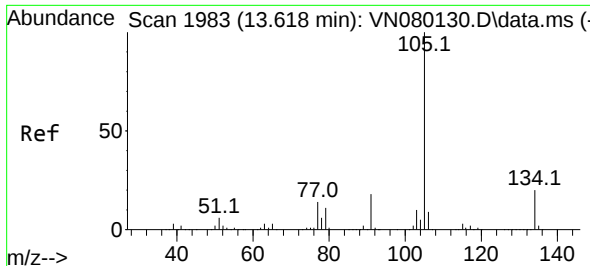


#84
1,2,4-Trimethylbenzene
Concen: 18.110 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33



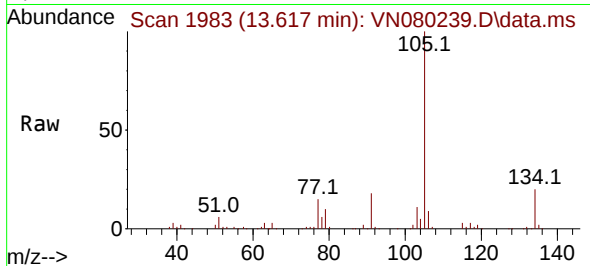
Tgt Ion:105 Resp: 198752
Ion Ratio Lower Upper
105 100
120 41.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 17.937 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080239.D
 Acq: 22 Nov 2023 11:33

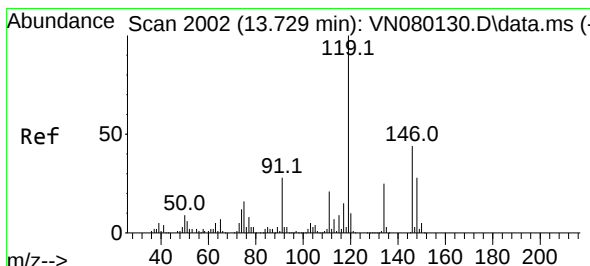
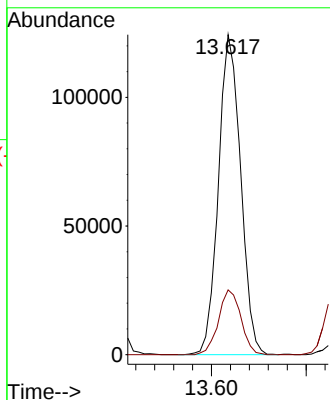
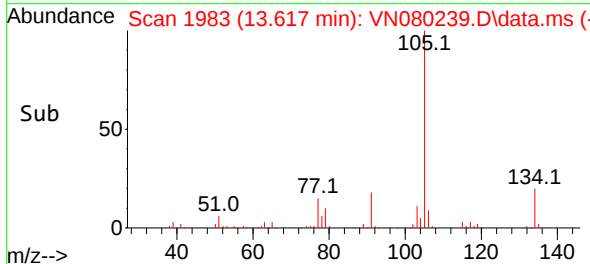
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBS01



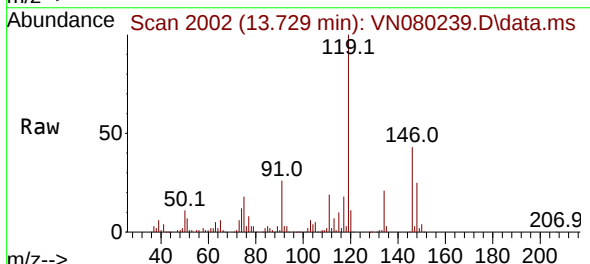
Tgt Ion:105 Resp: 20280
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3

Manual Integrations
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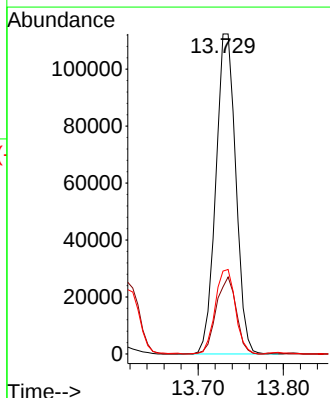
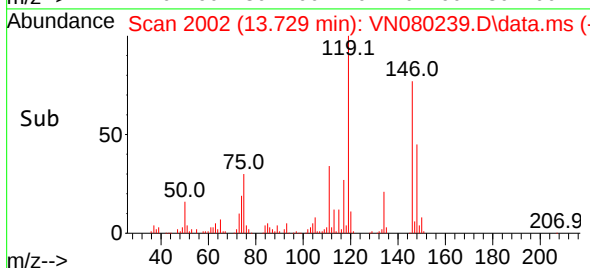
Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023

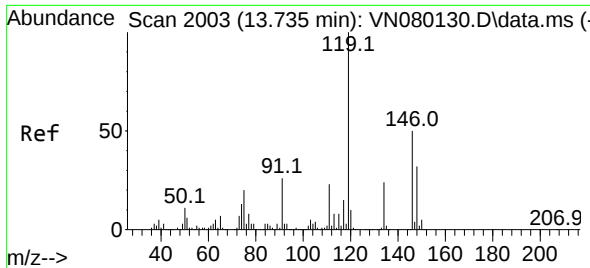


#86
 p-Isopropyltoluene
 Concen: 18.102 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080239.D
 Acq: 22 Nov 2023 11:33



Tgt Ion:119 Resp: 182834
 Ion Ratio Lower Upper
 119 100
 134 24.1 12.6 37.8
 91 26.7 12.4 37.2





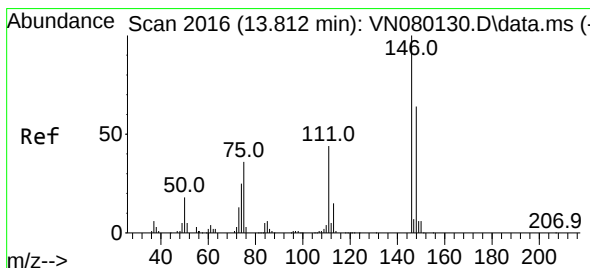
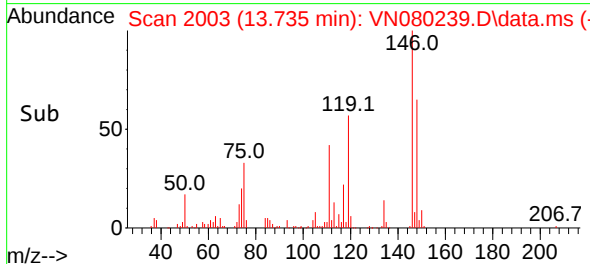
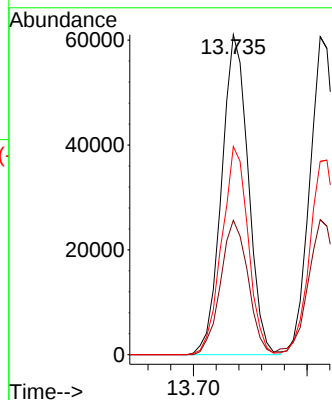
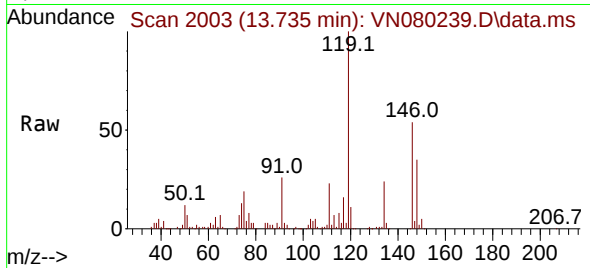
#87
1,3-Dichlorobenzene
Concen: 17.077 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion:146 Resp: 99320
Ion Ratio Lower Upper
146 100
111 43.3 22.1 66.3
148 64.5 32.0 96.0

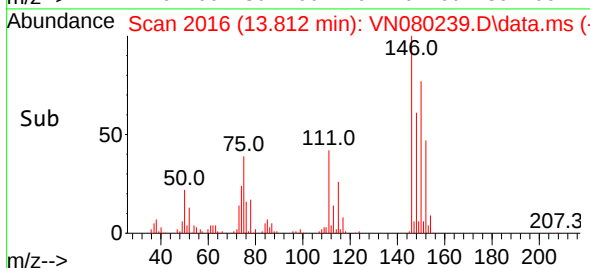
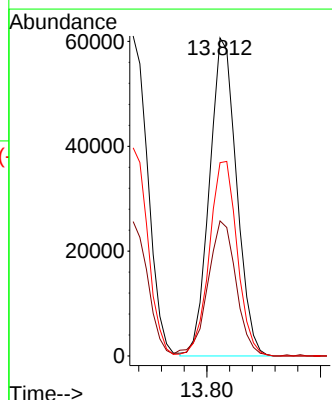
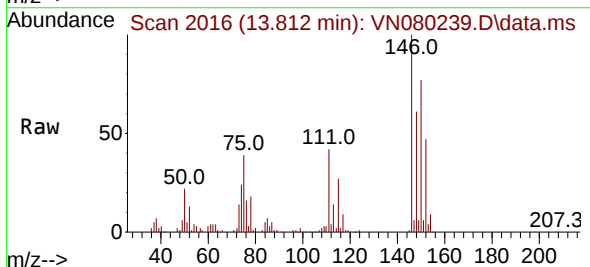
Manual Integrations
APPROVED

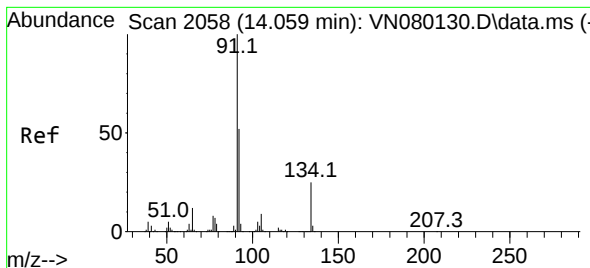
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#88
1,4-Dichlorobenzene
Concen: 17.214 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

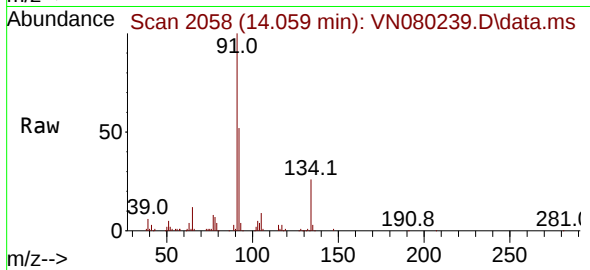
Tgt Ion:146 Resp: 100609
Ion Ratio Lower Upper
146 100
111 44.3 20.6 61.8
148 62.9 31.6 94.8





#89
n-Butylbenzene
Concen: 16.843 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

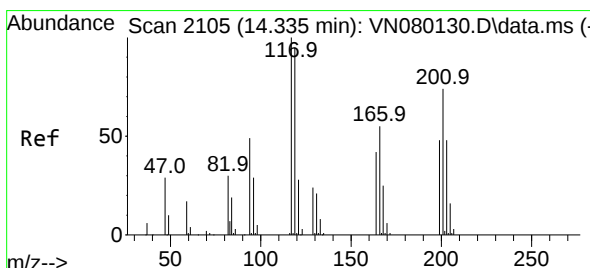
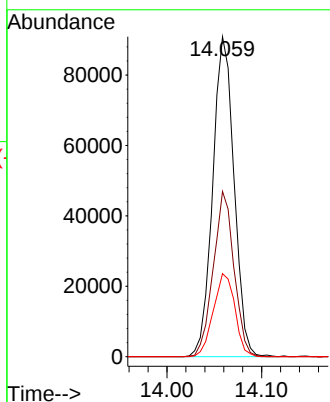
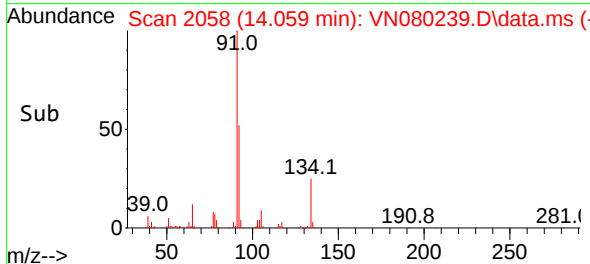
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



Tgt Ion: 91 Resp: 142392
Ion Ratio Lower Upper
91 100
92 50.2 26.4 79.0
134 26.2 12.6 37.6

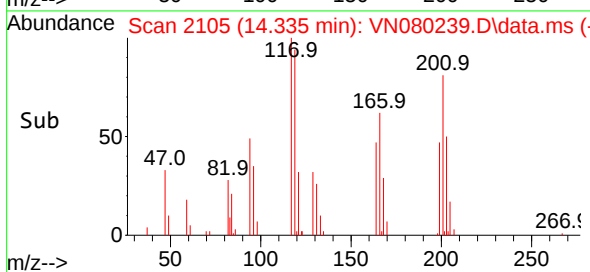
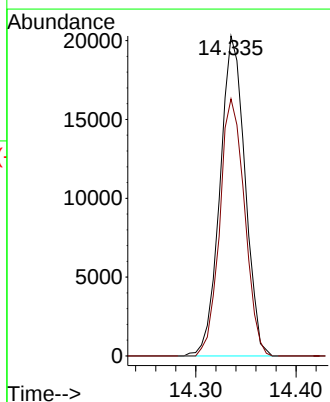
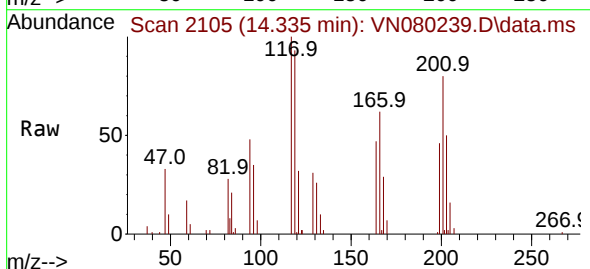
Manual Integrations
APPROVED

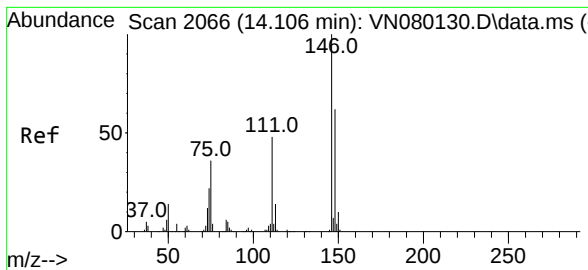
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#90
Hexachloroethane
Concen: 17.841 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Tgt Ion:117 Resp: 35130
Ion Ratio Lower Upper
117 100
201 79.5 29.3 88.0





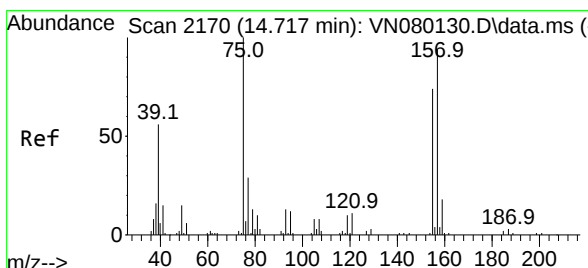
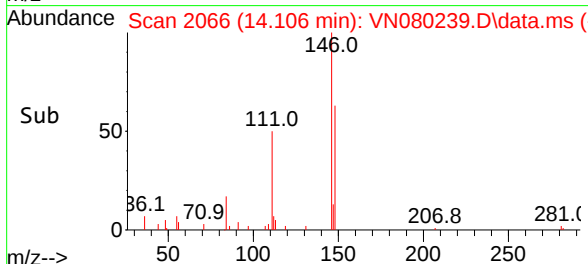
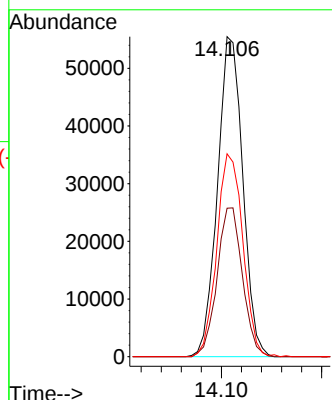
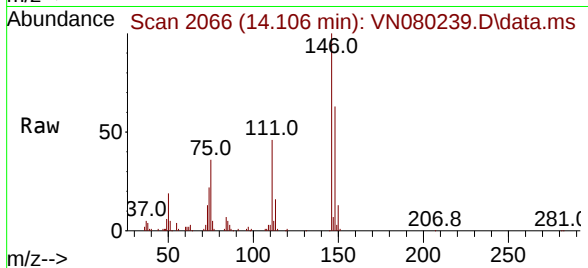
#91
1,2-Dichlorobenzene
Concen: 17.416 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion:146 Resp: 96930
Ion Ratio Lower Upper
146 100
111 46.7 22.0 66.0
148 65.3 31.8 95.3

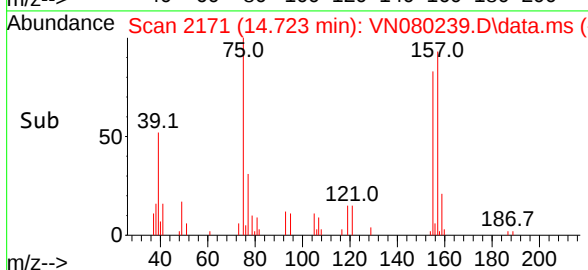
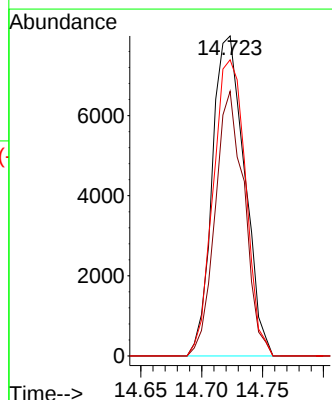
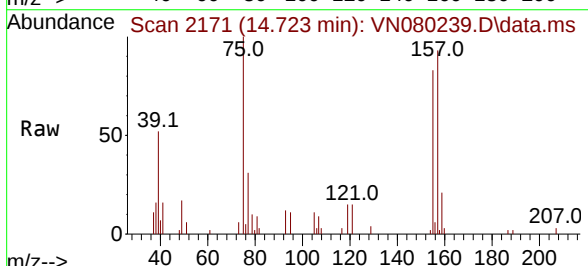
Manual Integrations
APPROVED

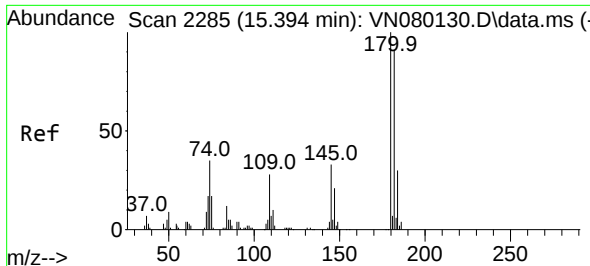
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.577 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

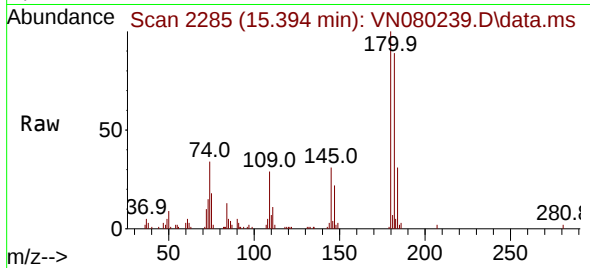
Tgt Ion: 75 Resp: 14755
Ion Ratio Lower Upper
75 100
155 74.5 39.1 117.2
157 92.6 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 15.058 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

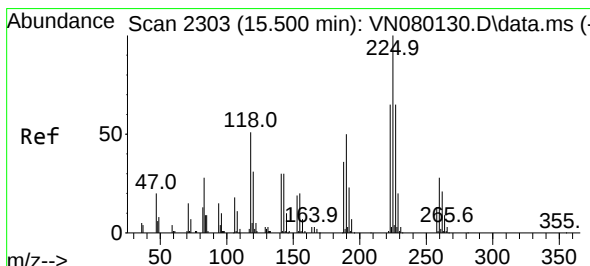
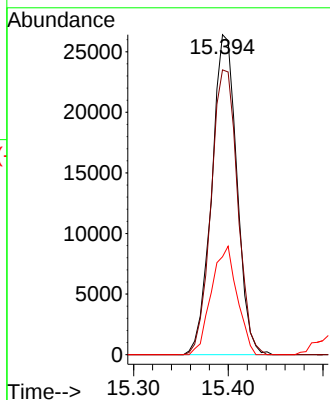
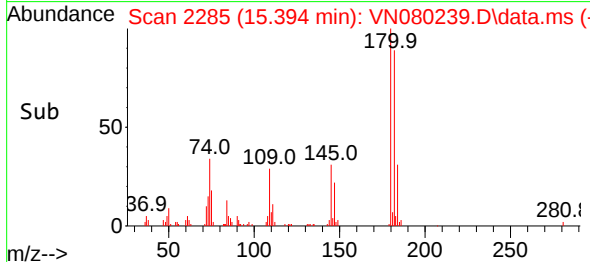
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



Tgt Ion:180 Resp: 4874
Ion Ratio Lower Upper
180 100
182 93.6 46.1 138.2
145 34.7 16.6 49.8

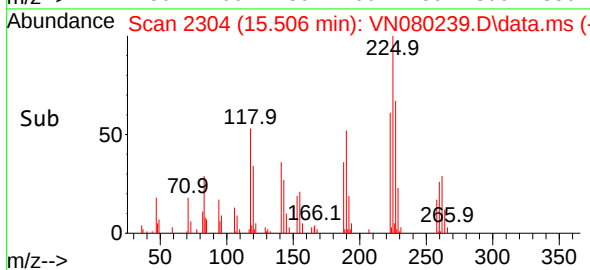
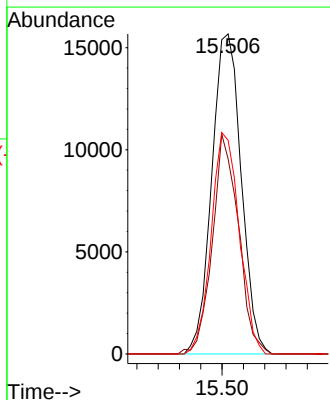
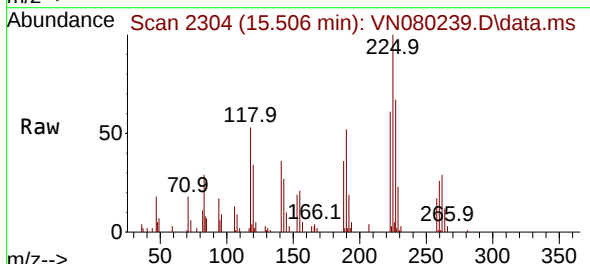
Manual Integrations
APPROVED

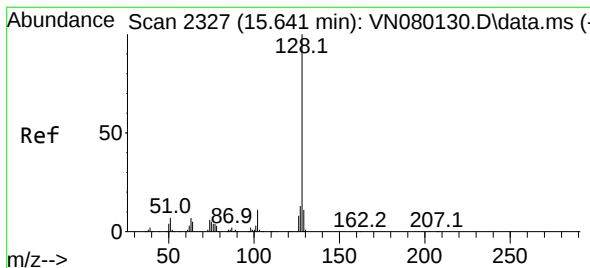
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#94
Hexachlorobutadiene
Concen: 16.140 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN080239.D
Acq: 22 Nov 2023 11:33

Tgt Ion:225 Resp: 30065
Ion Ratio Lower Upper
225 100
223 60.9 31.3 93.8
227 66.1 31.9 95.9





#95

Naphthalene

Concen: 13.763 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080239.D

Acq: 22 Nov 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

Tgt Ion:128 Resp: 129184

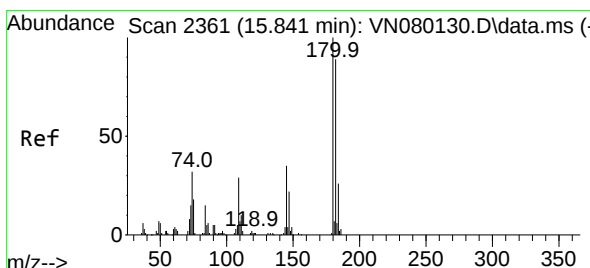
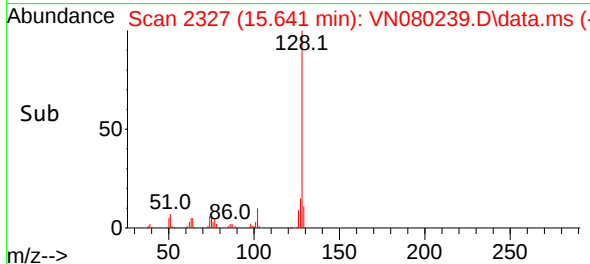
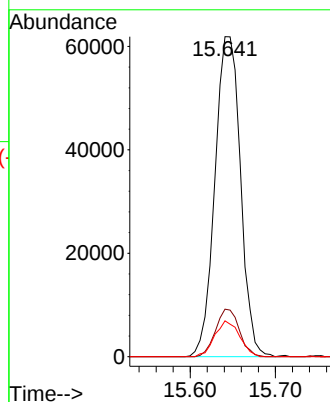
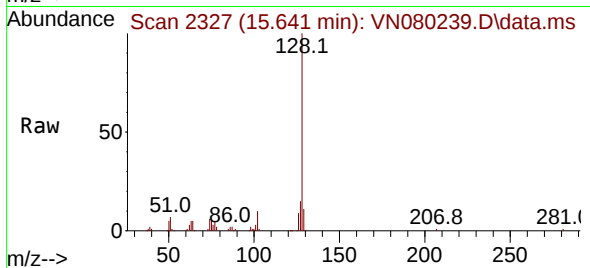
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.0	15.0
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#96

1,2,3-Trichlorobenzene

Concen: 15.445 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080239.D

Acq: 22 Nov 2023 11:33

Tgt Ion:180 Resp: 46861

Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.2	138.6
145	34.2	17.5	52.6

