

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112223\
 Data File : VN080240.D
 Acq On : 22 Nov 2023 12:07
 Operator : JC\MD
 Sample : VN1122WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 23 00:17:05 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	214375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	333018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	306922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	173332	48.968	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.940%		
35) Dibromofluoromethane	8.171	113	121745	49.546	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.100%		
50) Toluene-d8	10.571	98	440014	49.675	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.360%		
62) 4-Bromofluorobenzene	12.853	95	163872	48.979	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	57886	18.128	ug/l	96
3) Chloromethane	2.359	50	39470	16.440	ug/l	94
4) Vinyl Chloride	2.512	62	44388	17.471	ug/l	97
5) Bromomethane	2.959	94	30544	17.709	ug/l	93
6) Chloroethane	3.124	64	28124	16.778	ug/l	99
7) Trichlorofluoromethane	3.500	101	96475	18.203	ug/l	93
8) Diethyl Ether	3.965	74	26958	17.490	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	43422	17.925	ug/l	93
10) Methyl Iodide	4.594	142	47685	18.214	ug/l #	87
11) Tert butyl alcohol	5.524	59	36984	95.013	ug/l	99
12) 1,1-Dichloroethene	4.342	96	38175	16.848	ug/l	90
13) Acrolein	4.183	56	31155	90.440	ug/l	94
14) Allyl chloride	5.024	41	45478	15.953	ug/l	89
15) Acrylonitrile	5.718	53	96591	92.435	ug/l	99
16) Acetone	4.430	43	90815	76.386	ug/l	95
17) Carbon Disulfide	4.712	76	102976	15.221	ug/l	98
18) Methyl Acetate	5.018	43	69034	18.072	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	147560	18.441	ug/l	96
20) Methylene Chloride	5.283	84	48628	19.532	ug/l	95
21) trans-1,2-Dichloroethene	5.794	96	43008	17.278	ug/l	86
22) Diisopropyl ether	6.671	45	115982	18.389	ug/l	95
23) Vinyl Acetate	6.606	43	336364	88.711	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	83184	18.109	ug/l	99
25) 2-Butanone	7.483	43	113507	80.357	ug/l	96
26) 2,2-Dichloropropane	7.494	77	82266	18.051	ug/l	93
27) cis-1,2-Dichloroethene	7.494	96	51655	18.304	ug/l	89
28) Bromochloromethane	7.812	49	34608	19.164	ug/l	99
29) Tetrahydrofuran	7.841	42	72187	95.189	ug/l	92
30) Chloroform	7.971	83	96800	18.853	ug/l	97
31) Cyclohexane	8.259	56	63251	16.431	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	91953	18.365	ug/l	98
36) 1,1-Dichloropropene	8.377	75	64748	18.200	ug/l	94
37) Ethyl Acetate	7.559	43	48729	19.747	ug/l	98
38) Carbon Tetrachloride	8.365	117	87890	19.468	ug/l	97
39) Methylcyclohexane	9.606	83	58592	17.081	ug/l	91
40) Benzene	8.612	78	187131	18.508	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	24590	18.145	ug/l	92
42) 1,2-Dichloroethane	8.677	62	83820	20.263	ug/l	94
43) Isopropyl Acetate	8.694	43	79666	16.590	ug/l	98
44) Trichloroethene	9.353	130	48859	18.422	ug/l	98
45) 1,2-Dichloropropane	9.624	63	44634	18.995	ug/l	98
46) Dibromomethane	9.712	93	35608	20.019	ug/l	89
47) Bromodichloromethane	9.888	83	79070	20.209	ug/l	93
48) Methyl methacrylate	9.682	41	44201	17.861	ug/l	95
49) 1,4-Dioxane	9.694	88	16750	406.859	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	242179	97.412	ug/l	99
52) Toluene	10.635	92	120436	19.033	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	75948	18.893	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	82242	20.025	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	47058	19.485	ug/l	98
56) Ethyl methacrylate	10.882	69	48783	19.772	ug/l	91
57) 1,3-Dichloropropane	11.165	76	82139	19.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	142944	102.840	ug/l	100
59) 2-Hexanone	11.200	43	181982	91.094	ug/l	95
60) Dibromochloromethane	11.359	129	58239	20.142	ug/l	100
61) 1,2-Dibromoethane	11.470	107	48069	19.510	ug/l	98
64) Tetrachloroethene	11.106	164	50540	21.577	ug/l	95
65) Chlorobenzene	11.894	112	126886	18.245	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.965	131	54302	20.120	ug/l	95
67) Ethyl Benzene	11.965	91	223979	18.099	ug/l	97
68) m/p-Xylenes	12.070	106	171895	38.096	ug/l	88
69) o-Xylene	12.400	106	82524	19.407	ug/l	90
70) Styrene	12.412	104	121243	19.156	ug/l	92
71) Bromoform	12.582	173	40069	20.020	ug/l #	97
73) Isopropylbenzene	12.700	105	213558	18.265	ug/l	98
74) N-amyl acetate	12.494	43	63959	17.542	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	62920	17.980	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	64330m	17.450	ug/l	
77) Bromobenzene	12.982	156	54107	18.355	ug/l	99
78) n-propylbenzene	13.041	91	244639	18.711	ug/l	100
79) 2-Chlorotoluene	13.129	91	156855	18.472	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	188077	18.479	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	19653	18.011	ug/l #	74
82) 4-Chlorotoluene	13.223	91	160140	18.408	ug/l	97
83) tert-Butylbenzene	13.441	119	153532	18.811	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	190629	19.021	ug/l	97
85) sec-Butylbenzene	13.617	105	187475	18.157	ug/l	99
86) p-Isopropyltoluene	13.735	119	170722	18.510	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	97463	18.351	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	95765	17.943	ug/l	94
89) n-Butylbenzene	14.059	91	133880	17.342	ug/l	99
90) Hexachloroethane	14.341	117	30867	17.166	ug/l	69
91) 1,2-Dichlorobenzene	14.111	146	93210	18.340	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15395	18.940	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	48491	16.405	ug/l	99
94) Hexachlorobutadiene	15.506	225	27652	16.256	ug/l	98
95) Naphthalene	15.647	128	133990	15.632	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	45139	16.292	ug/l	95

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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

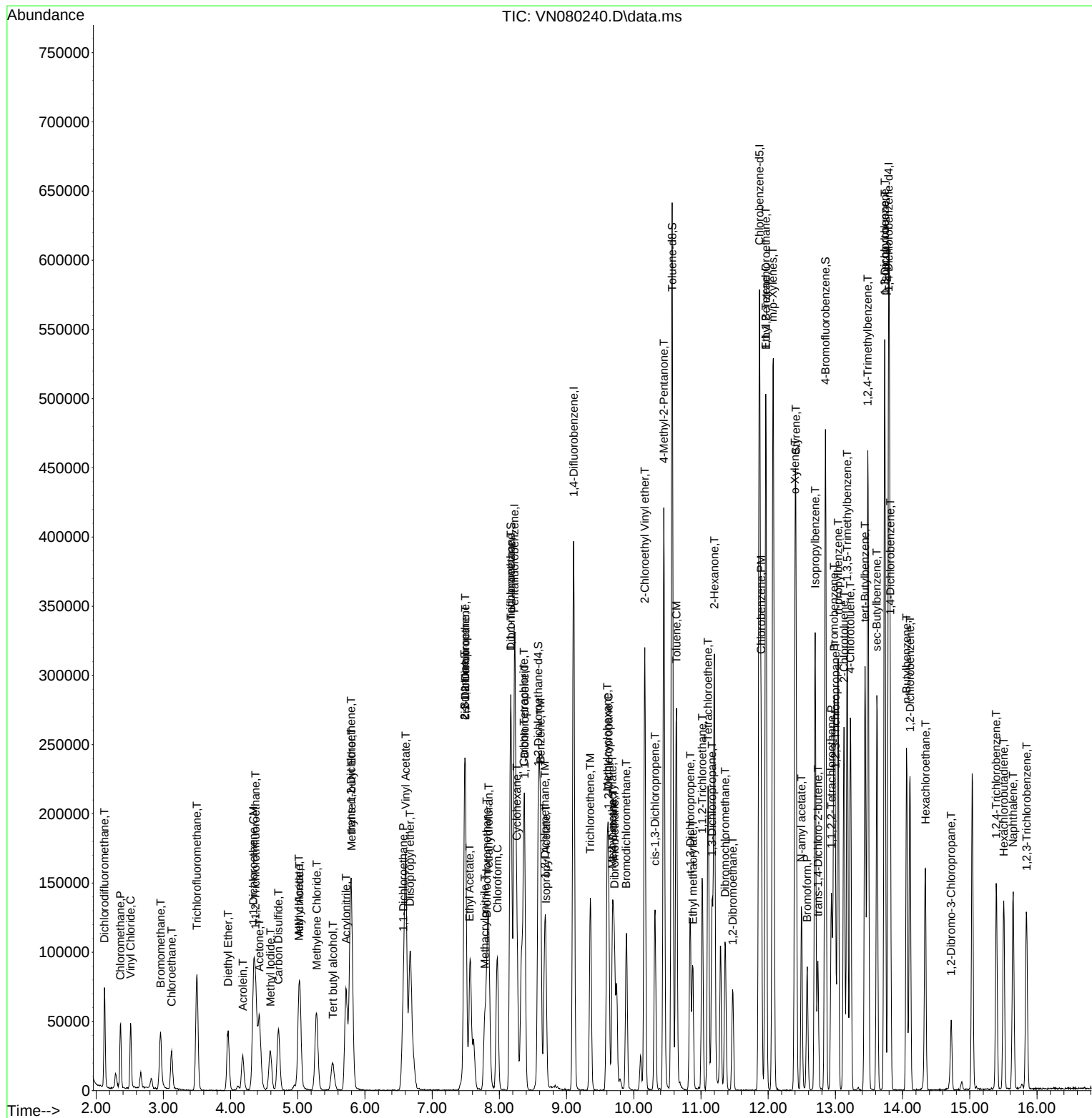
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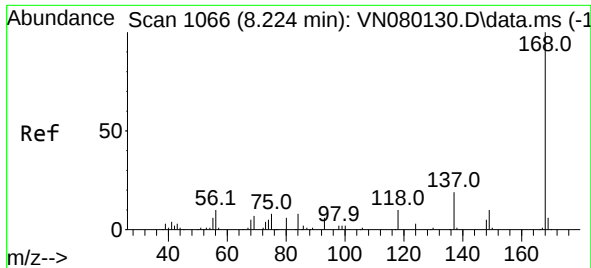
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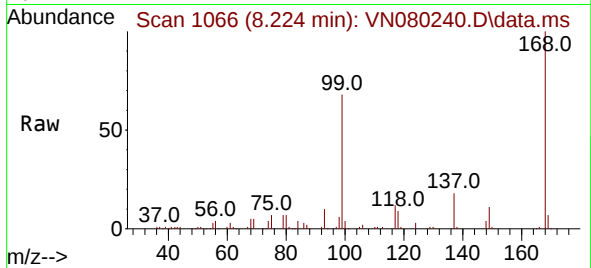
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

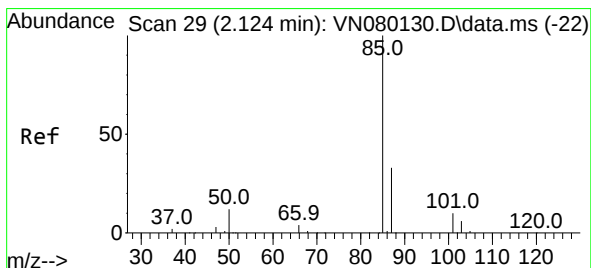
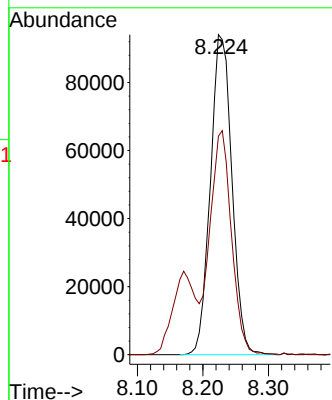
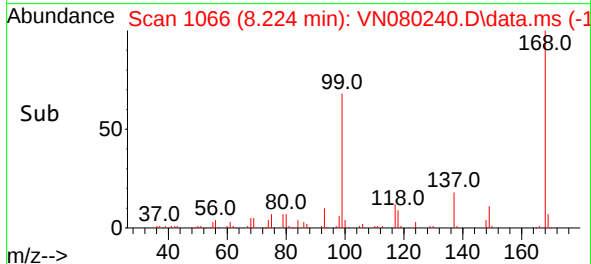
Instrument :
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ClientSampleId :
VN1122WBSD01



Tgt Ion:168 Resp: 214375
Ion Ratio Lower Upper
168 100
99 68.3 53.0 79.6

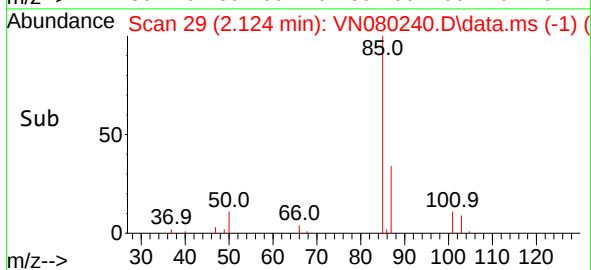
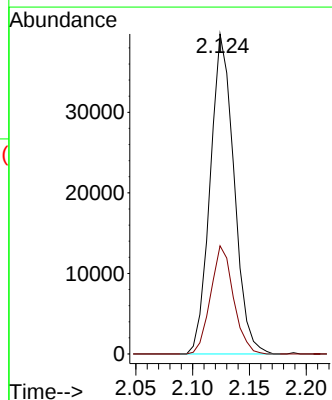
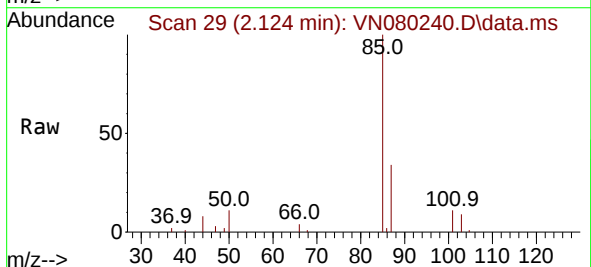
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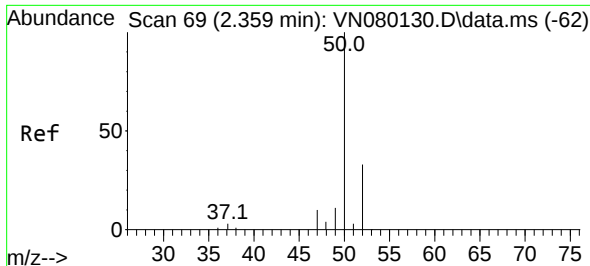
Reviewed By :John Carlone 11/24/2023
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#2
Dichlorodifluoromethane
Concen: 18.128 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

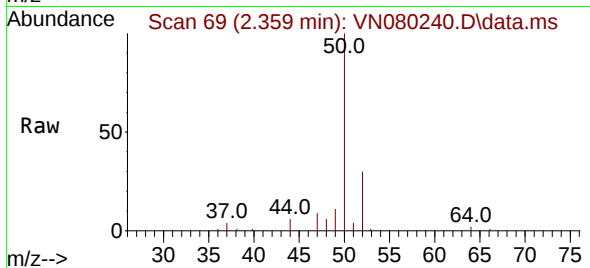
Tgt Ion: 85 Resp: 57886
Ion Ratio Lower Upper
85 100
87 33.8 15.8 47.4





#3
Chloromethane
Concen: 16.440 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

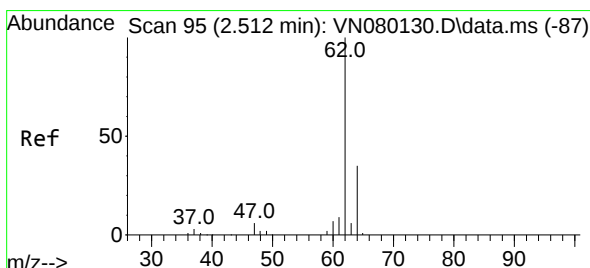
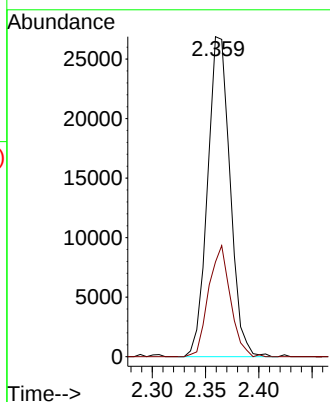
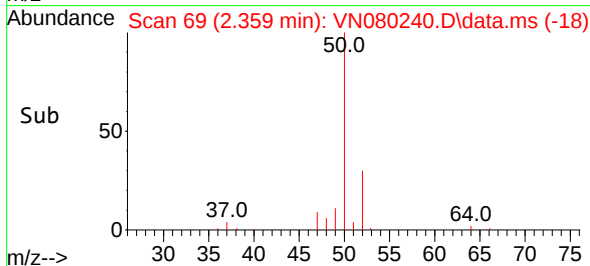
Instrument :
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Tgt Ion: 50 Resp: 39470
Ion Ratio Lower Upper
50 100
52 29.6 26.5 39.7

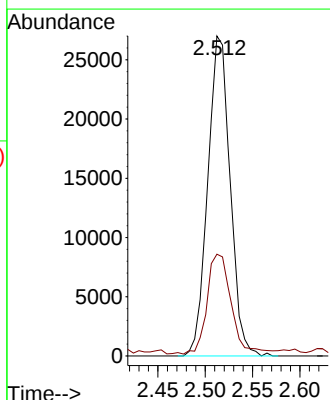
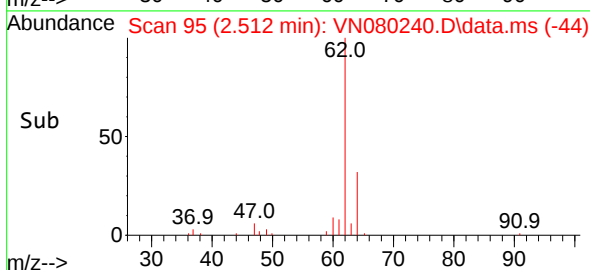
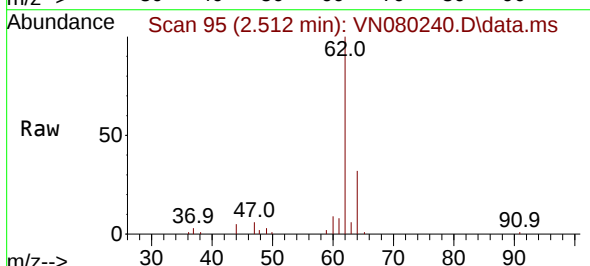
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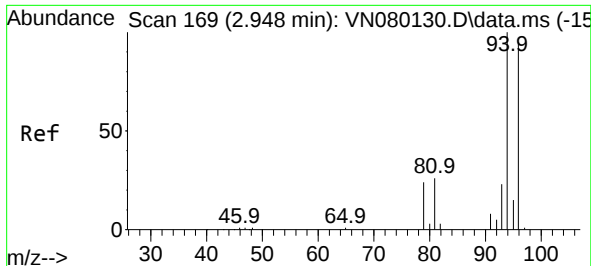
Reviewed By :John Carlone 11/24/2023
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#4
Vinyl Chloride
Concen: 17.471 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

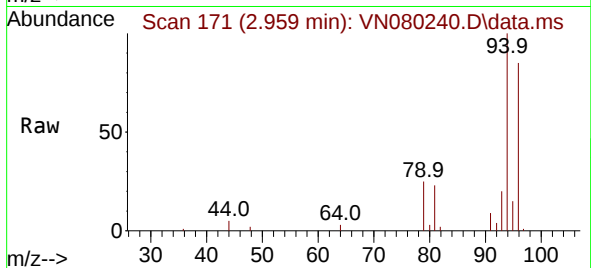
Tgt Ion: 62 Resp: 44388
Ion Ratio Lower Upper
62 100
64 30.8 26.2 39.2





#5
Bromomethane
Concen: 17.709 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

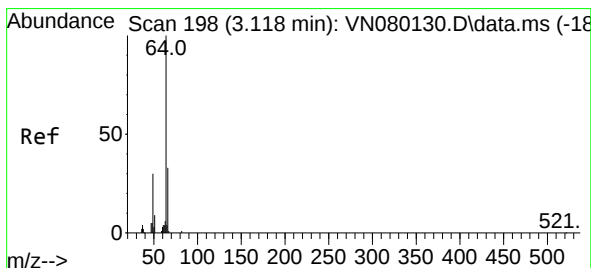
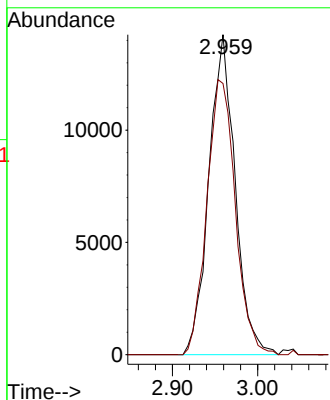
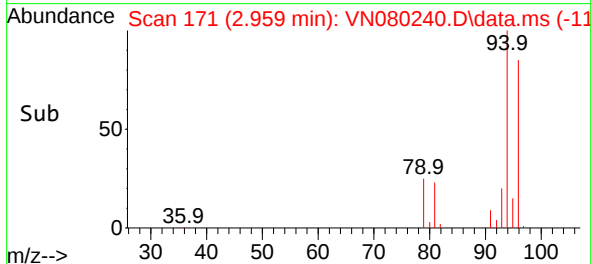
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Tgt Ion: 94 Resp: 30544
Ion Ratio Lower Upper
94 100
96 84.7 73.1 109.7

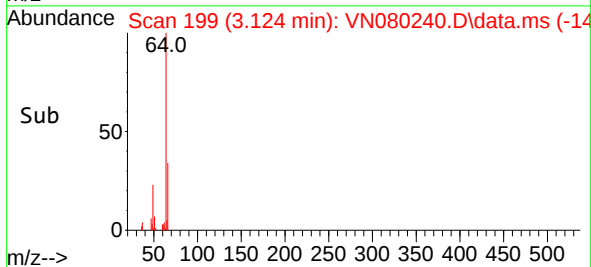
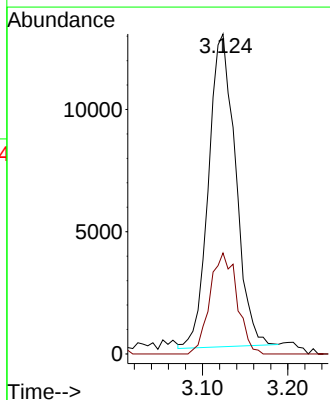
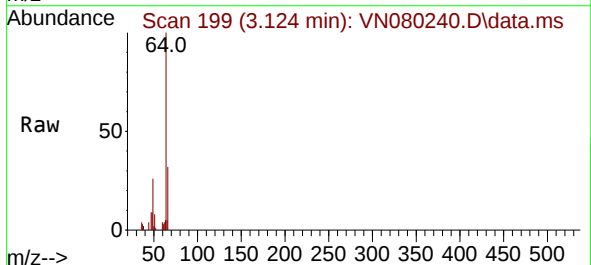
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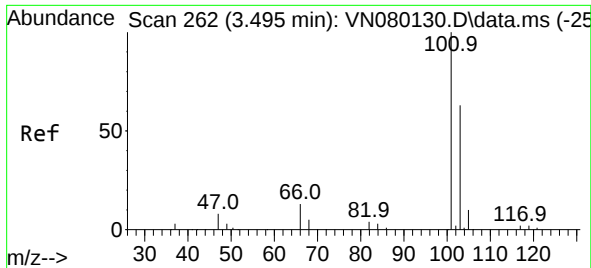
Reviewed By :John Carlone 11/24/2023
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#6
Chloroethane
Concen: 16.778 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Tgt Ion: 64 Resp: 28124
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.2





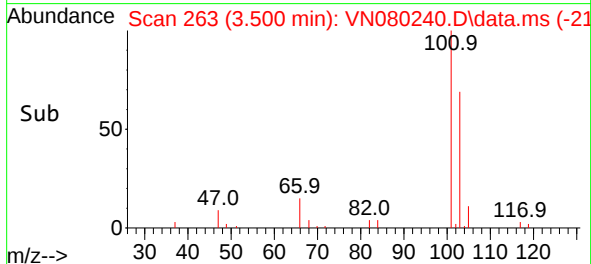
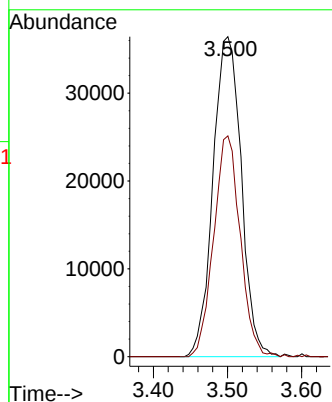
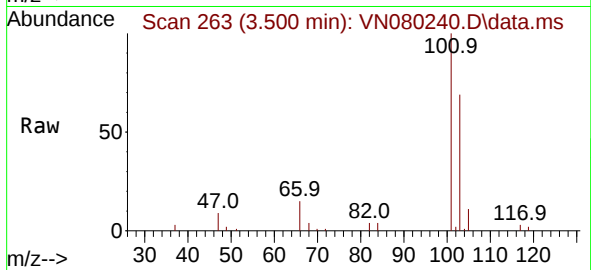
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Trichlorofluoromethane
Concen: 18.203 ug/l
RT: 3.500 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 96475
Ion Ratio Lower Upper
101 100
103 69.0 50.7 76.1

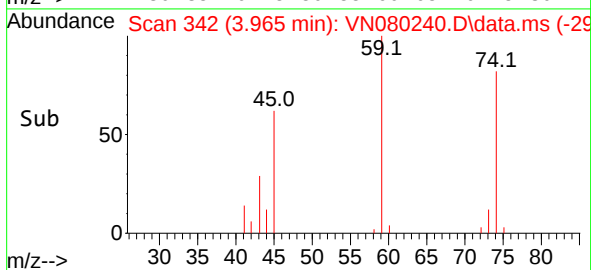
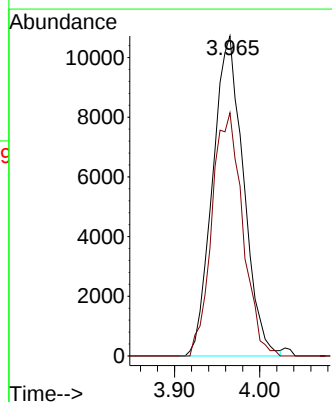
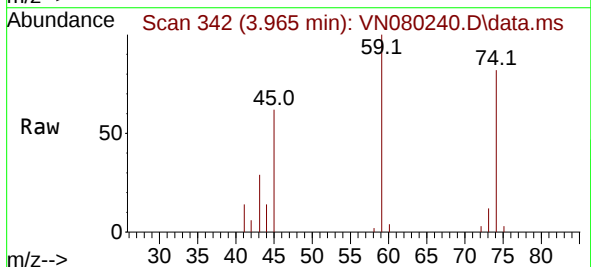
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#8
Diethyl Ether
Concen: 17.490 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Tgt Ion: 74 Resp: 26958
Ion Ratio Lower Upper
74 100
45 75.8 34.4 103.3





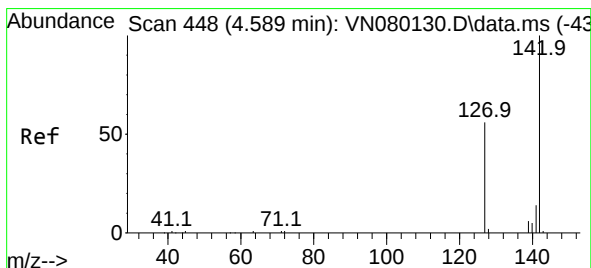
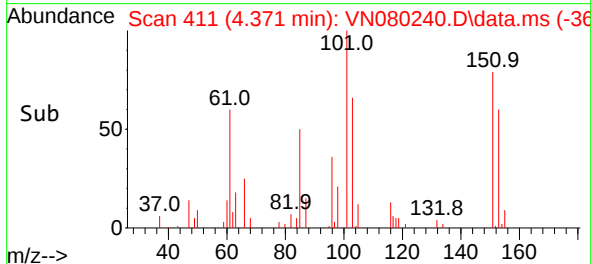
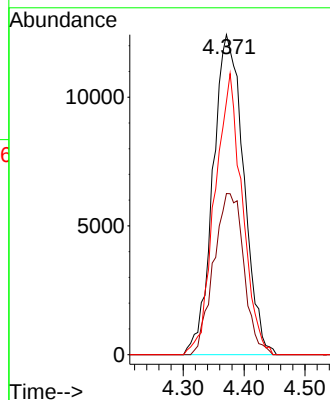
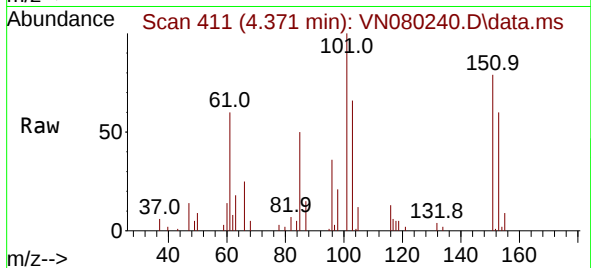
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.925 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion:101 Resp: 4342
Ion Ratio Lower Upper
101 100
85 49.6 36.6 55.0
151 78.5 57.6 86.4

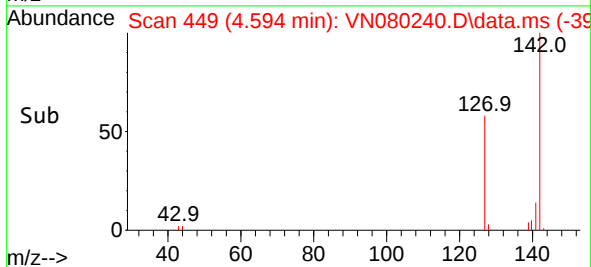
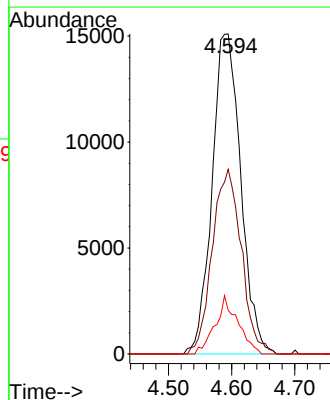
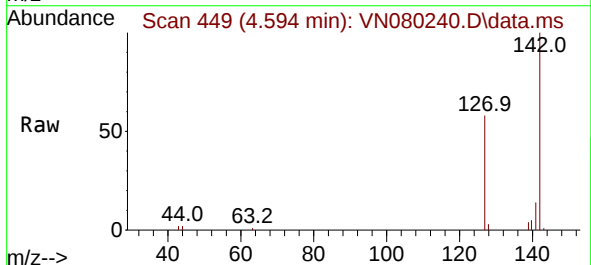
Manual Integrations
APPROVED

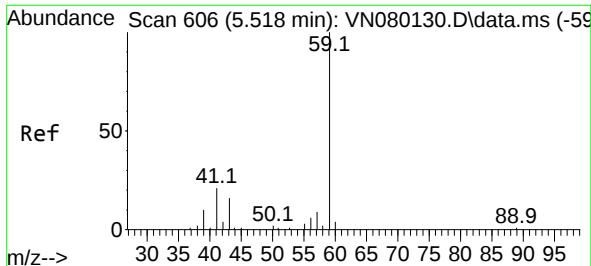
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#10
Methyl Iodide
Concen: 18.214 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Tgt Ion:142 Resp: 47685
Ion Ratio Lower Upper
142 100
127 57.7 37.6 56.4#
141 13.6 11.4 17.0





#11

Tert butyl alcohol

Concen: 95.013 ug/l

RT: 5.524 min Scan# 606

Delta R.T. 0.006 min

Lab File: VN080240.D

Acq: 22 Nov 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

Tgt Ion: 59 Resp: 36984

Ion Ratio Lower Upper

59 100

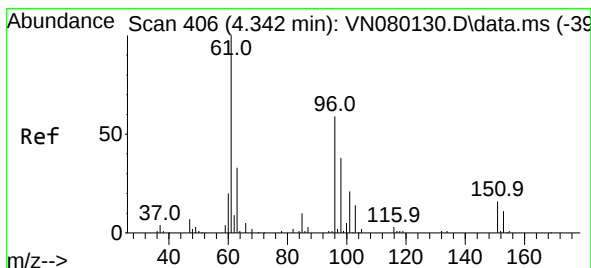
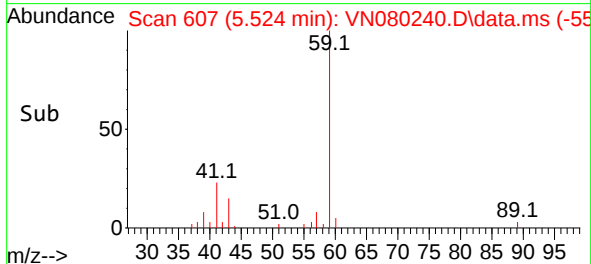
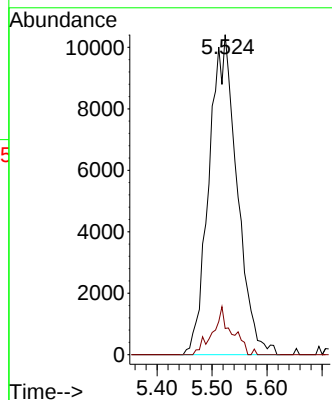
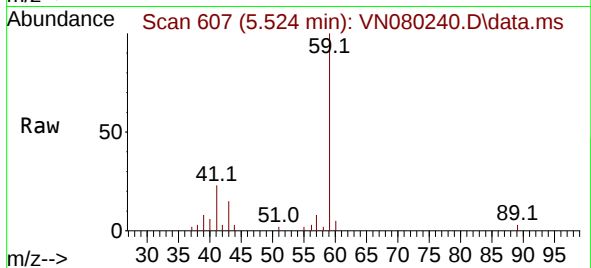
57 10.1 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#12

1,1-Dichloroethene

Concen: 16.848 ug/l

RT: 4.342 min Scan# 406

Delta R.T. -0.000 min

Lab File: VN080240.D

Acq: 22 Nov 2023 12:07

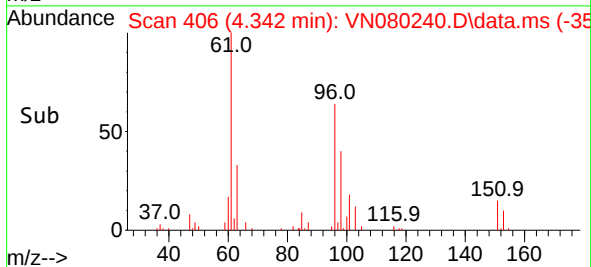
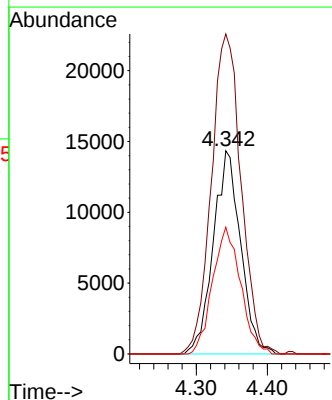
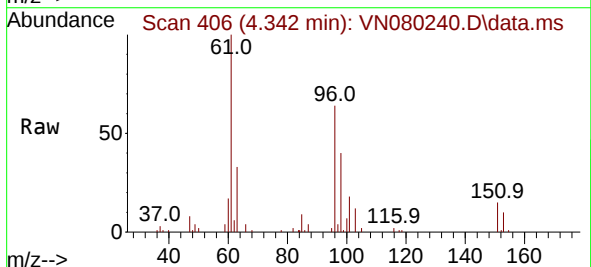
Tgt Ion: 96 Resp: 38175

Ion Ratio Lower Upper

96 100

61 157.4 112.7 169.1

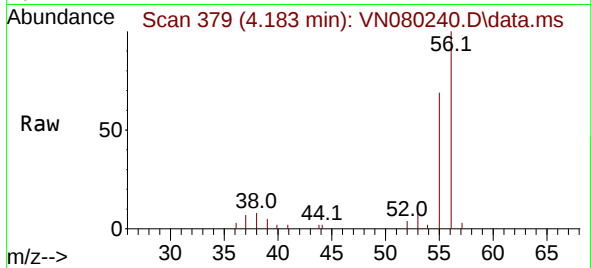
98 62.3 51.2 76.8





#13
Acrolein
Concen: 90.440 ug/l
RT: 4.183 min Scan# 3115
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

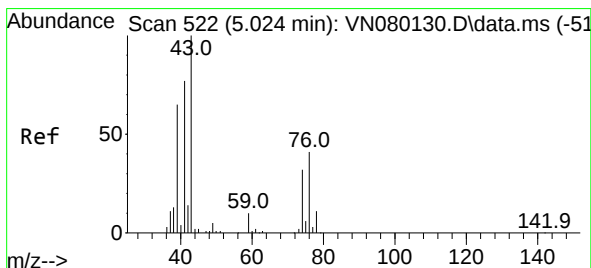
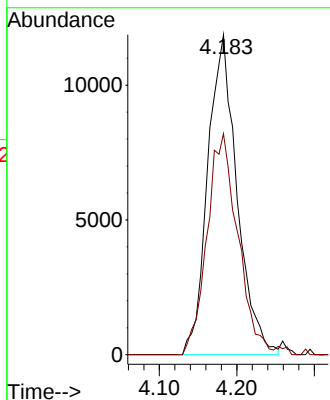
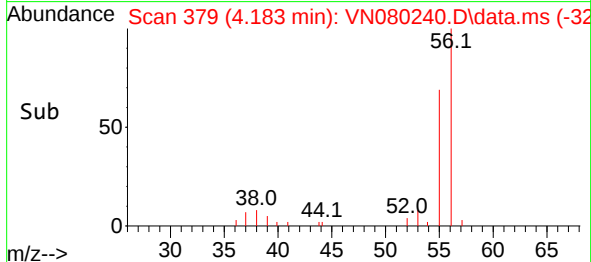
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion: 56 Resp: 3115
Ion Ratio Lower Upper
56 100
55 72.8 54.5 81.7

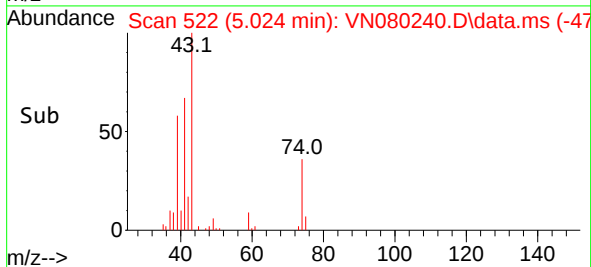
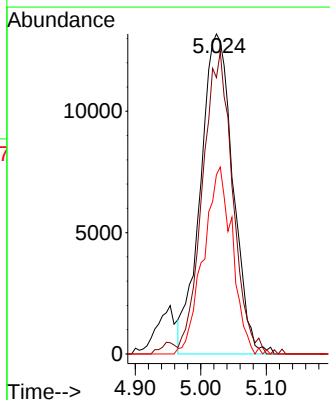
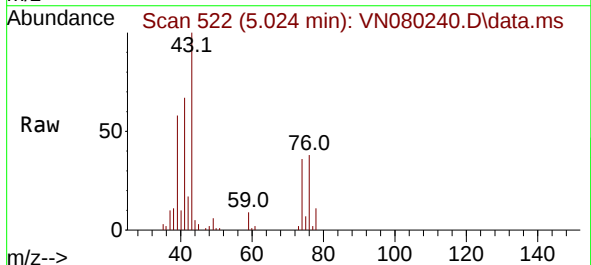
Manual Integrations
APPROVED

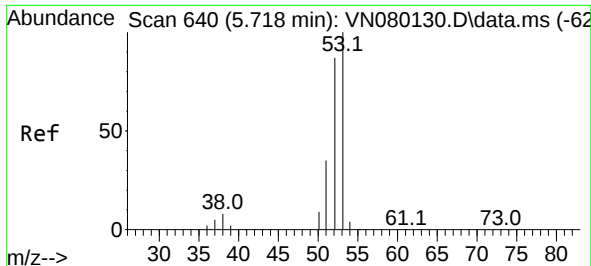
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#14
Allyl chloride
Concen: 15.953 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

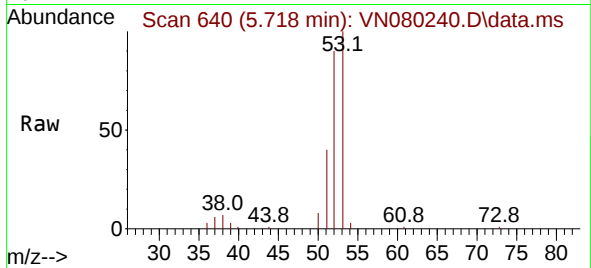
Tgt Ion: 41 Resp: 45478
Ion Ratio Lower Upper
41 100
39 87.1 58.8 88.2
76 51.6 39.1 58.7





#15
Acrylonitrile
Concen: 92.435 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

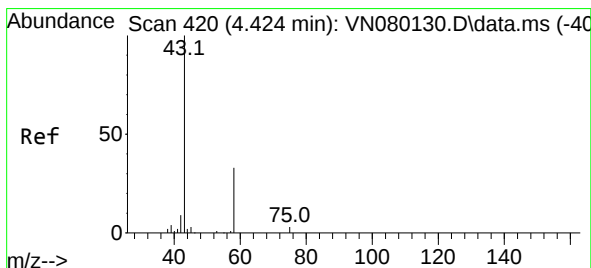
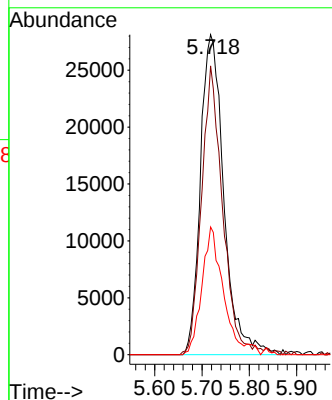
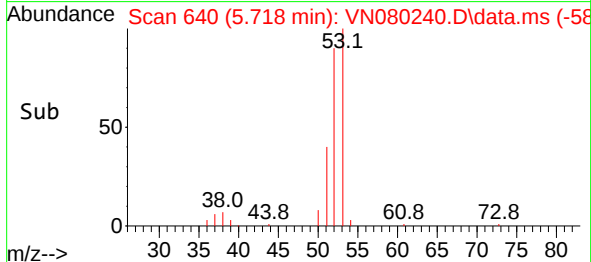
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion: 53 Resp: 9659
Ion Ratio Lower Upper
53 100
52 81.2 65.3 97.9
51 35.6 28.9 43.3

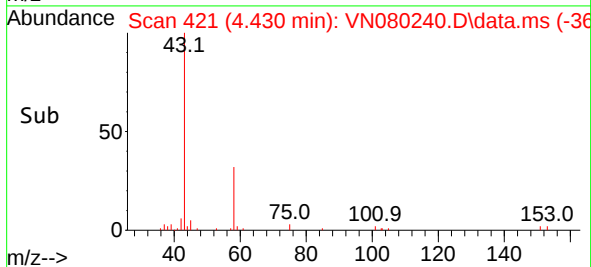
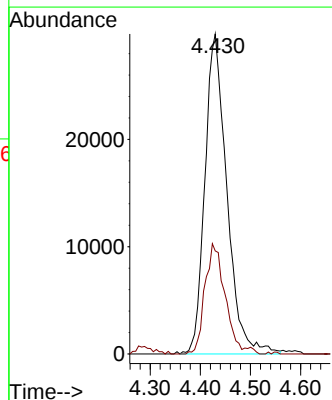
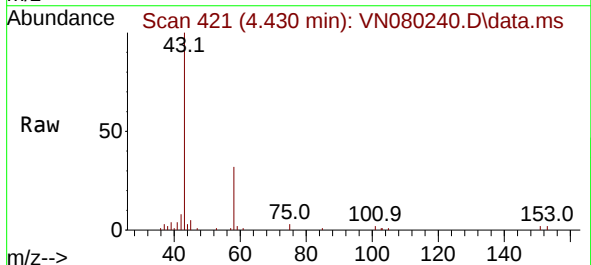
Manual Integrations
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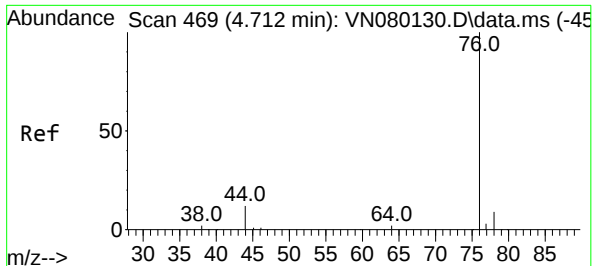
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#16
Acetone
Concen: 76.386 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

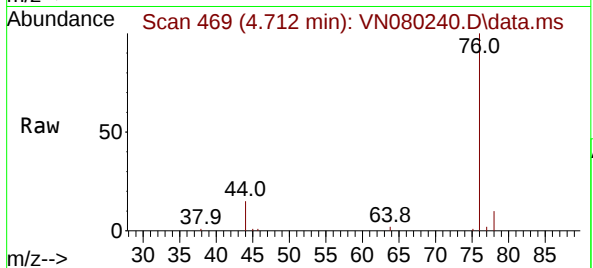
Tgt Ion: 43 Resp: 90815
Ion Ratio Lower Upper
43 100
58 32.2 28.0 42.0





#17
Carbon Disulfide
Concen: 15.221 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

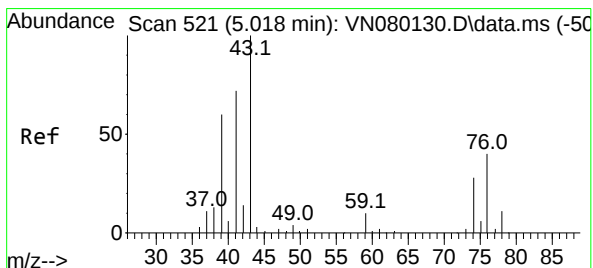
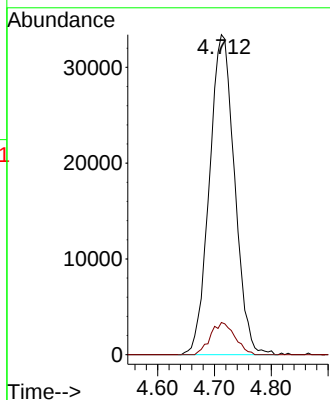
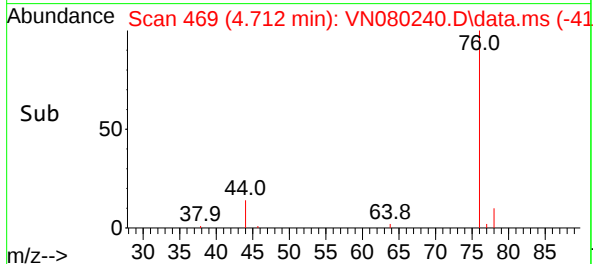
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



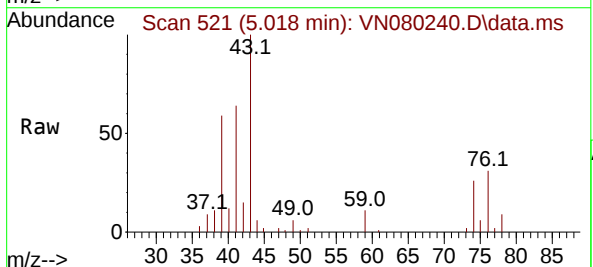
Tgt Ion: 76 Resp: 102970
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0

Manual Integrations
APPROVED

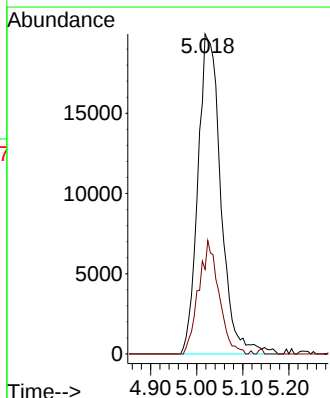
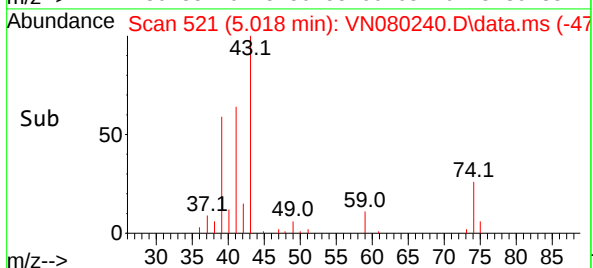
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

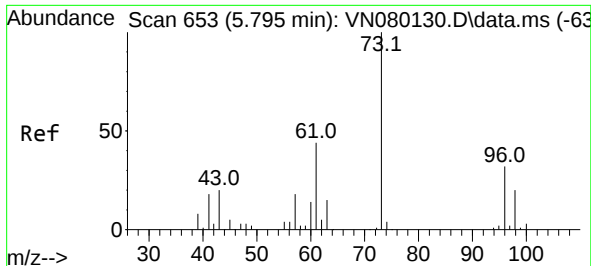


#18
Methyl Acetate
Concen: 18.072 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07



Tgt Ion: 43 Resp: 69034
Ion Ratio Lower Upper
43 100
74 31.4 26.2 39.4





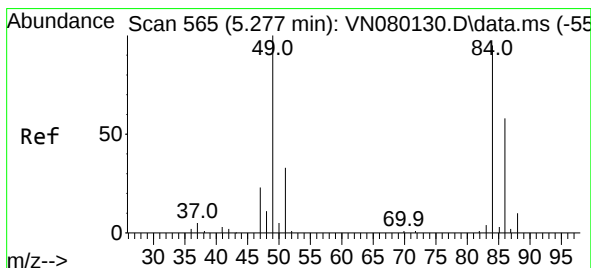
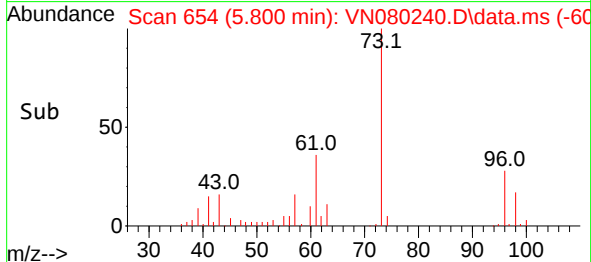
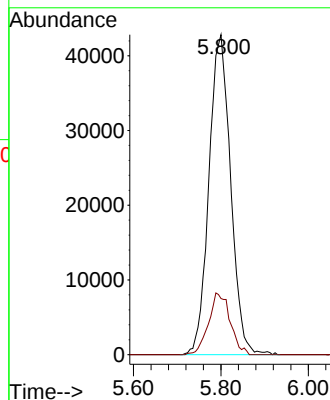
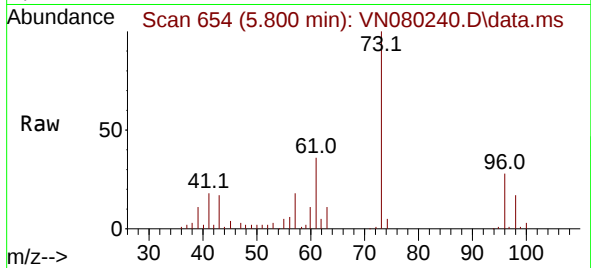
#19
Methyl tert-butyl Ether
Concen: 18.441 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion: 73 Resp: 147560
Ion Ratio Lower Upper
73 100
57 17.6 15.6 23.4

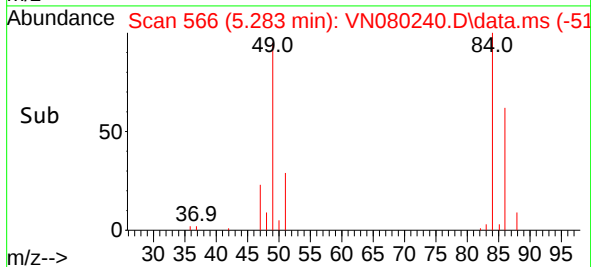
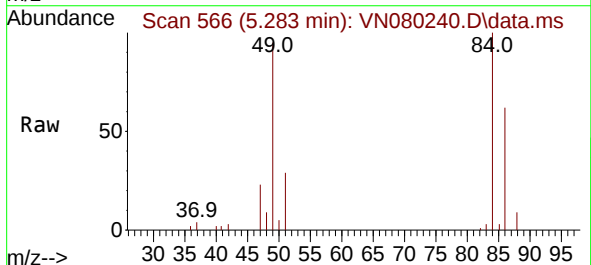
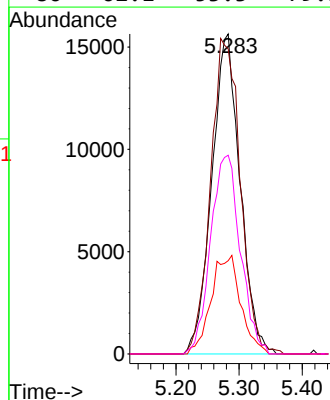
Manual Integrations
APPROVED

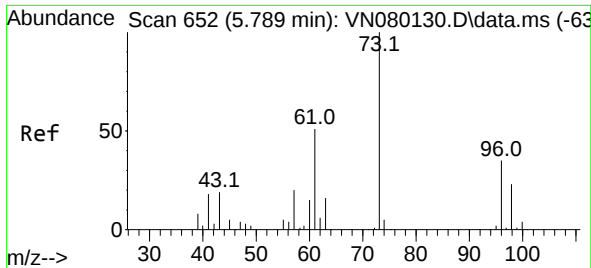
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#20
Methylene Chloride
Concen: 19.532 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Tgt Ion: 84 Resp: 48628
Ion Ratio Lower Upper
84 100
49 95.4 79.7 119.5
51 29.2 25.2 37.8
86 62.1 53.3 79.9





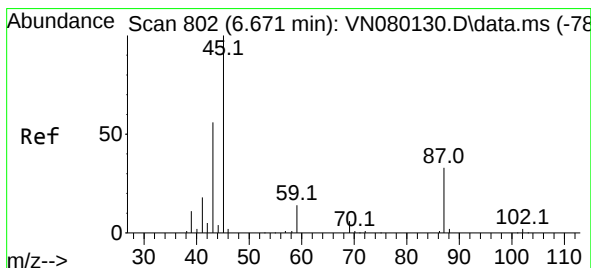
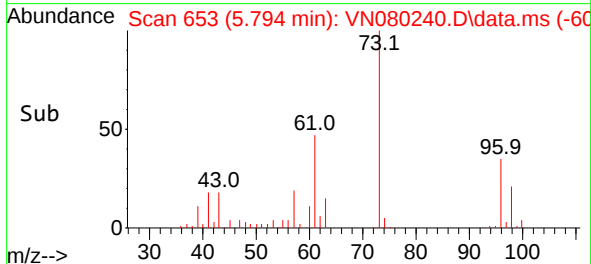
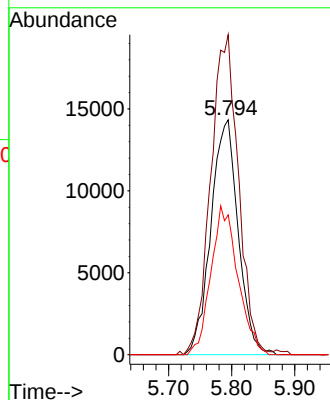
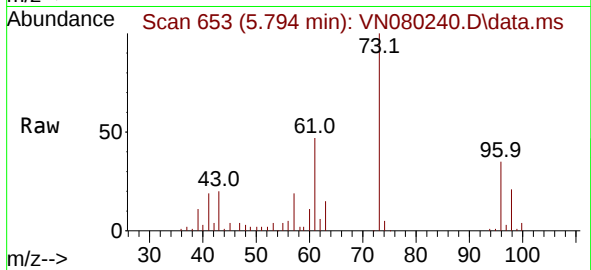
#21
trans-1,2-Dichloroethene
Concen: 17.278 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion: 96 Resp: 43008
Ion Ratio Lower Upper
96 100
61 134.8 90.1 135.1
98 59.5 46.4 69.6

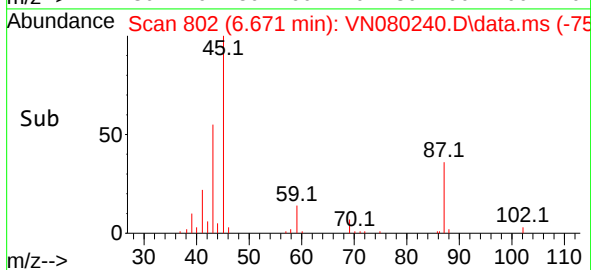
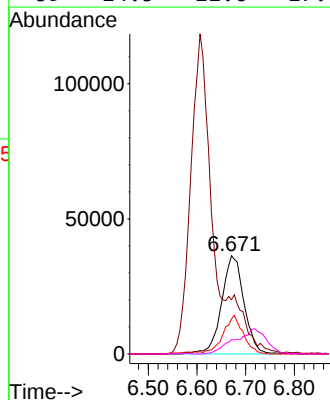
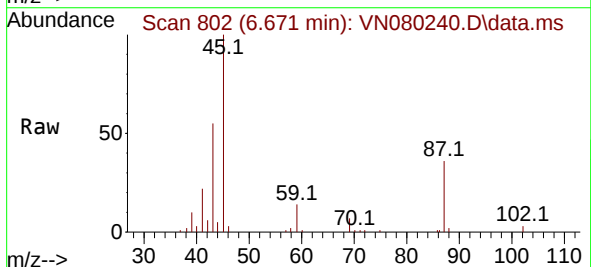
Manual Integrations
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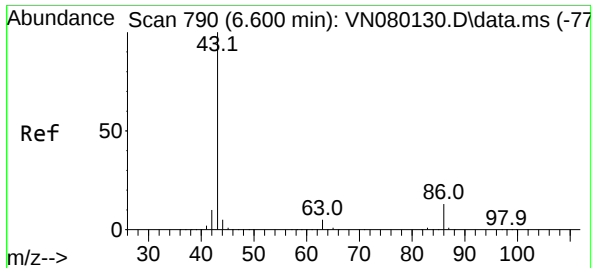
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#22
Diisopropyl ether
Concen: 18.389 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Tgt Ion: 45 Resp: 115982
Ion Ratio Lower Upper
45 100
43 53.8 45.5 68.3
87 35.6 31.8 47.8
59 14.5 11.6 17.4





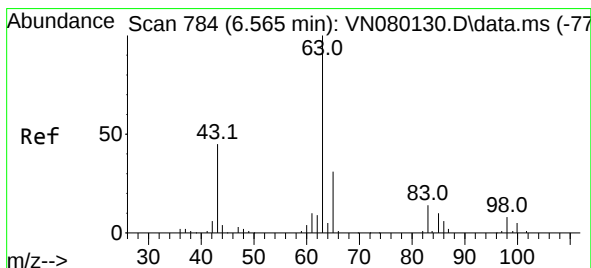
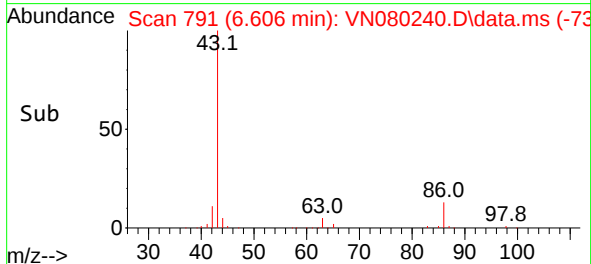
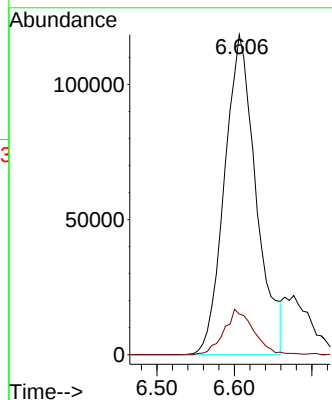
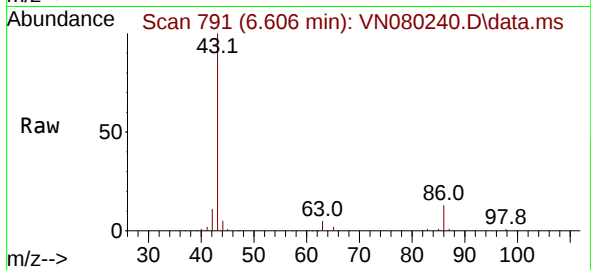
#23
 Vinyl Acetate
 Concen: 88.711 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080240.D
 Acq: 22 Nov 2023 12:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBSD01

Tgt Ion: 43 Resp: 336364
 Ion Ratio Lower Upper
 43 100
 86 12.7 13.0 19.6

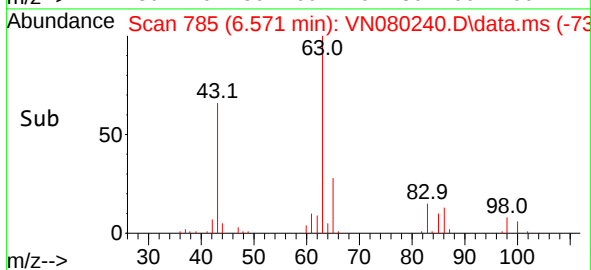
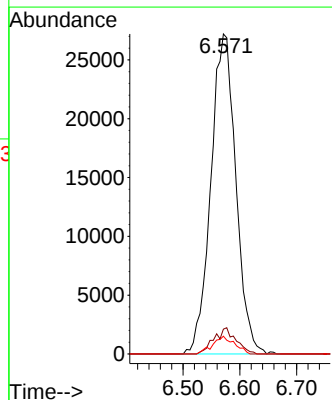
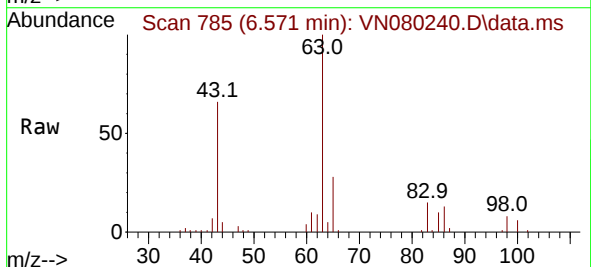
Manual Integrations
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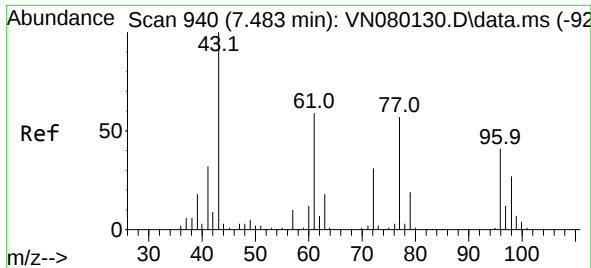
Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023



#24
 1,1-Dichloroethane
 Concen: 18.109 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080240.D
 Acq: 22 Nov 2023 12:07

Tgt Ion: 63 Resp: 83184
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 5.5 2.5 7.4





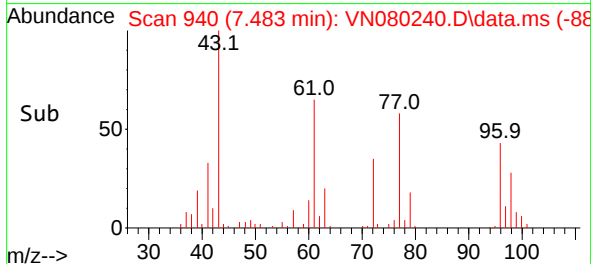
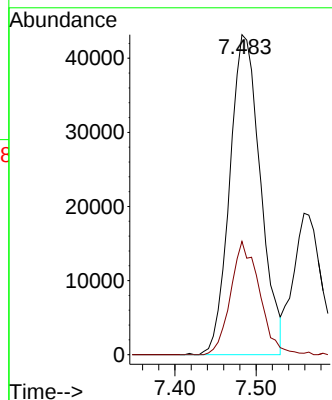
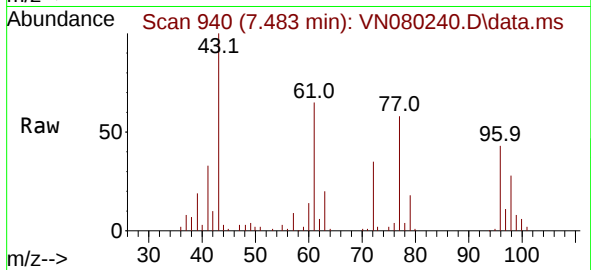
#25
2-Butanone
Concen: 80.357 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion: 43 Resp: 11350
Ion Ratio Lower Upper
43 100
72 35.4 30.2 45.2

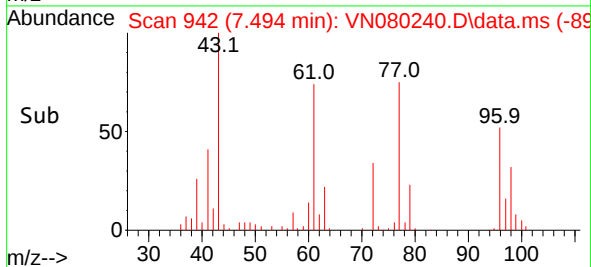
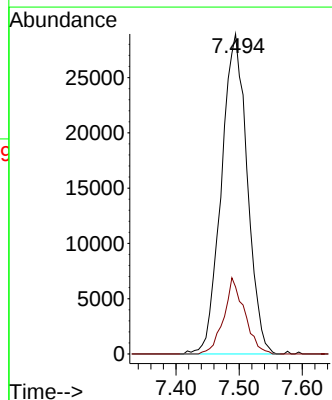
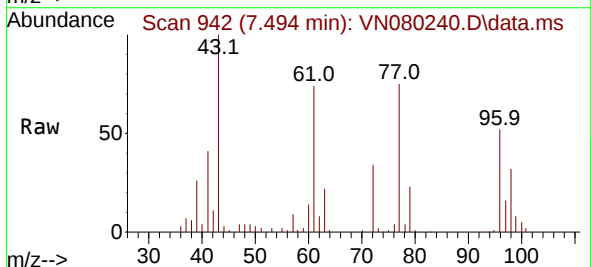
Manual Integrations
APPROVED

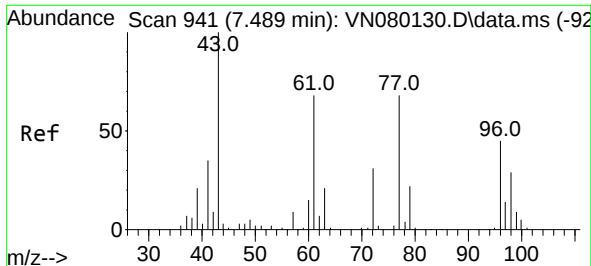
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#26
2,2-Dichloropropane
Concen: 18.051 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

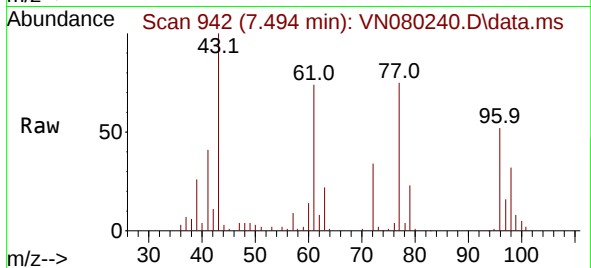
Tgt Ion: 77 Resp: 82266
Ion Ratio Lower Upper
77 100
97 19.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.304 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080240.D
 Acq: 22 Nov 2023 12:07

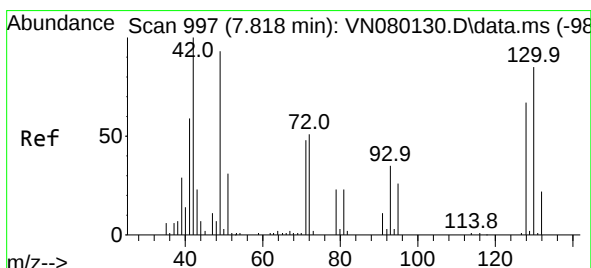
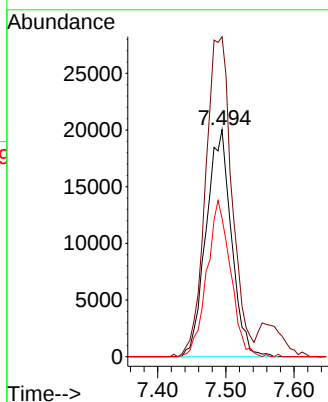
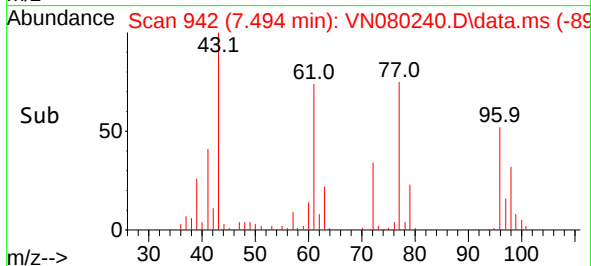
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBSD01



Tgt Ion: 96 Resp: 5165
 Ion Ratio Lower Upper
 96 100
 61 147.2 0.0 255.2
 98 64.2 0.0 128.8

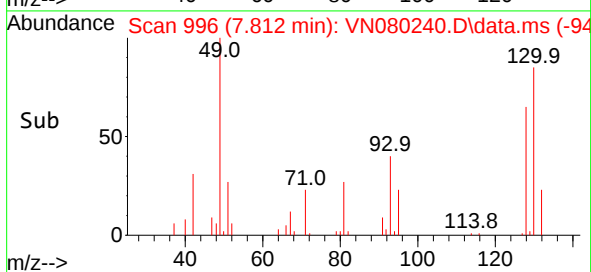
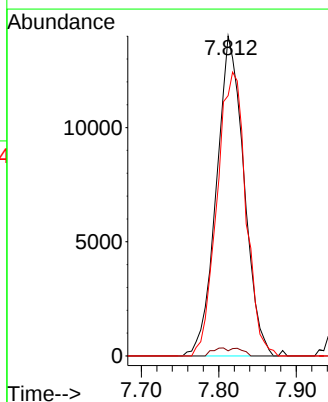
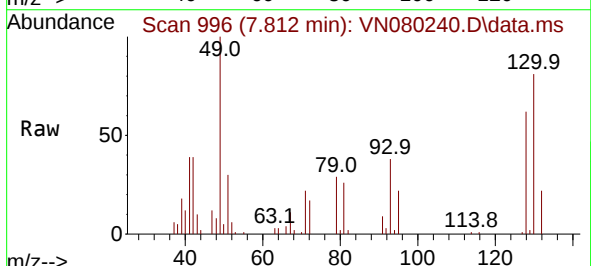
Manual Integrations
 APPROVED

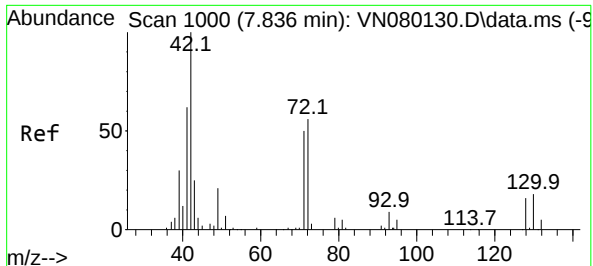
Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023



#28
 Bromochloromethane
 Concen: 19.164 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080240.D
 Acq: 22 Nov 2023 12:07

Tgt Ion: 49 Resp: 34608
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.8
 130 93.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 95.189 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080240.D

Acq: 22 Nov 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

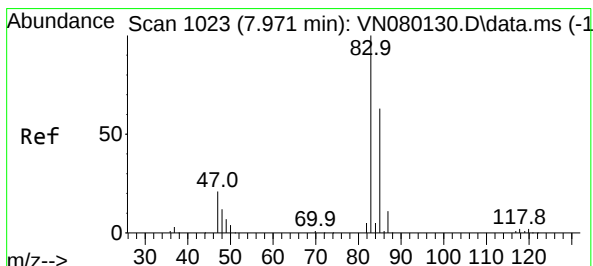
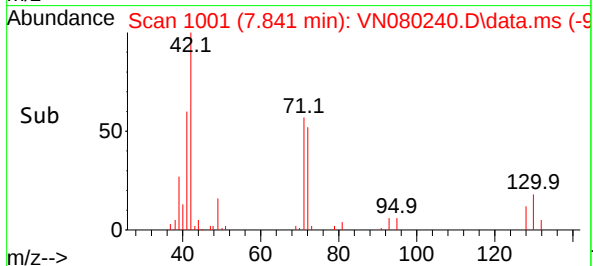
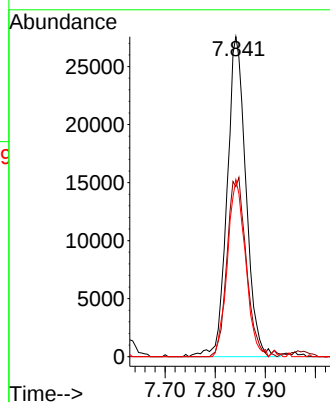
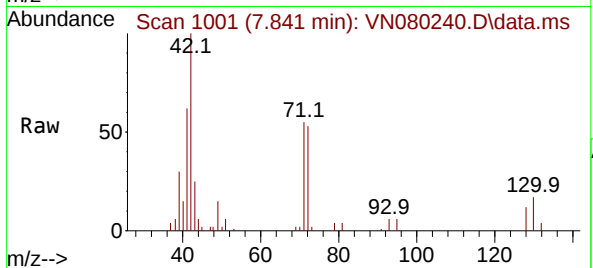
Tgt Ion:	42	Resp:	7218
Ion Ratio	Lower	Upper	
42	100		
72	56.7	49.8	74.6
71	52.9	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#30

Chloroform

Concen: 18.853 ug/l

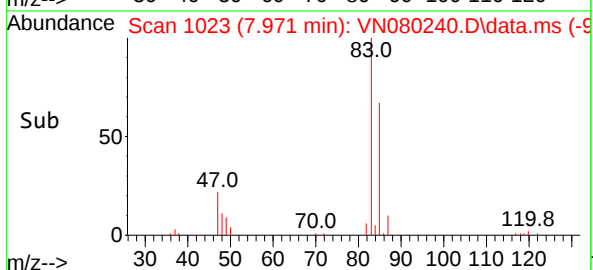
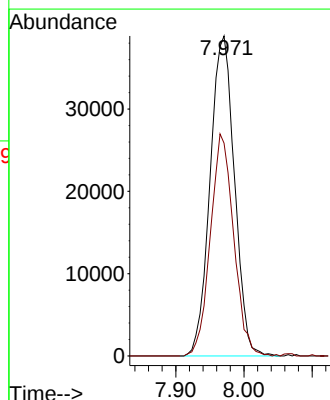
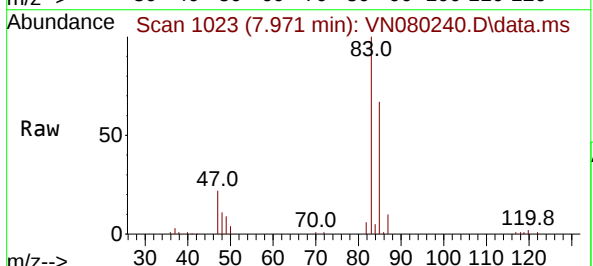
RT: 7.971 min Scan# 1023

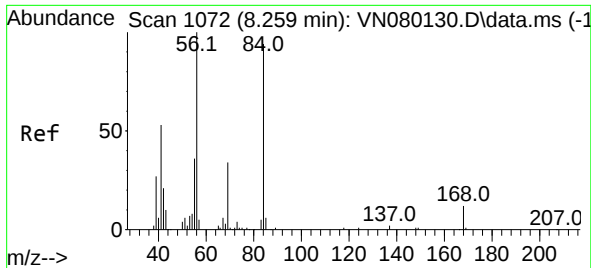
Delta R.T. -0.000 min

Lab File: VN080240.D

Acq: 22 Nov 2023 12:07

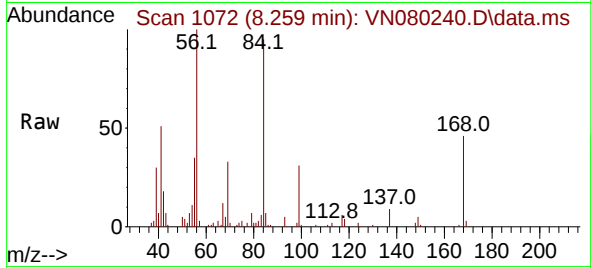
Tgt Ion:	83	Resp:	96800
Ion Ratio	Lower	Upper	
83	100		
85	66.5	55.4	83.0





#31
Cyclohexane
Concen: 16.431 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

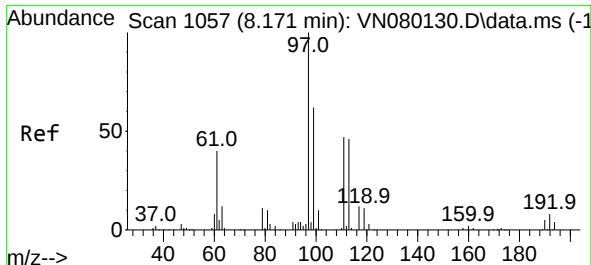
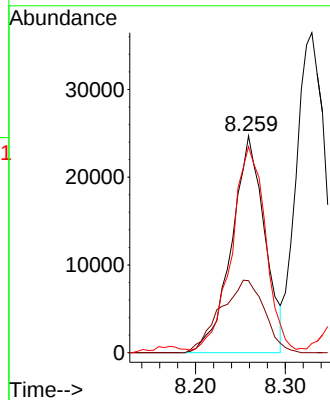
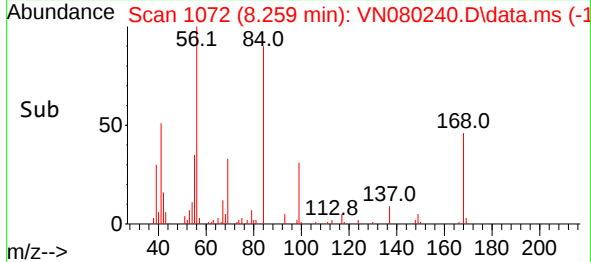
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion: 56 Resp: 6325
Ion Ratio Lower Upper
56 100
69 33.2 26.8 40.2
84 93.3 81.8 122.6

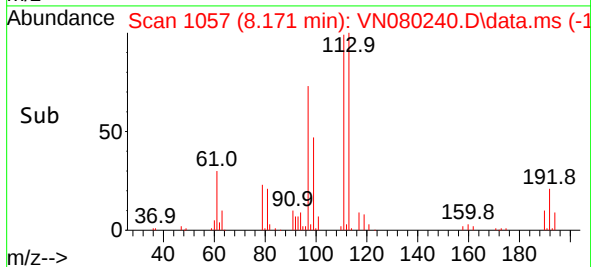
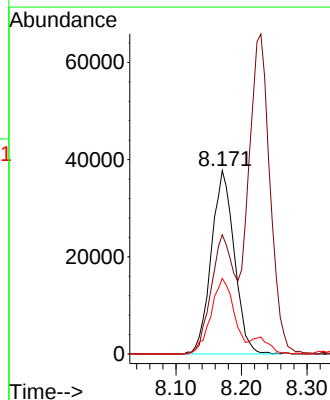
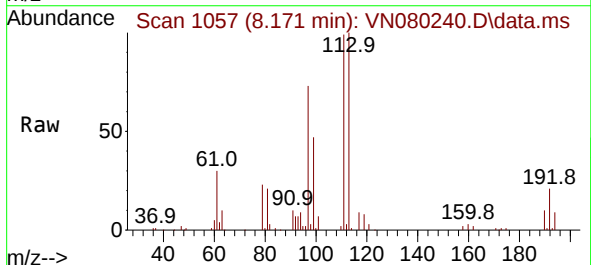
Manual Integrations
APPROVED

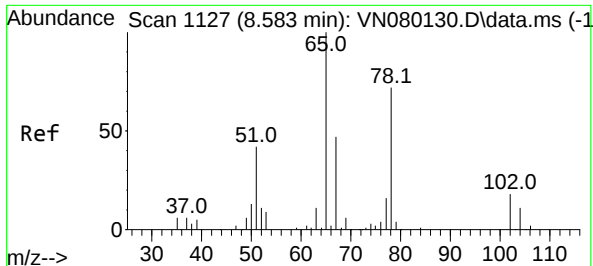
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#32
1,1,1-Trichloroethane
Concen: 18.365 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Tgt Ion: 97 Resp: 91953
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 42.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.968 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080240.D

Acq: 22 Nov 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

Tgt Ion: 65 Resp: 17333

Ion Ratio Lower Upper

65 100

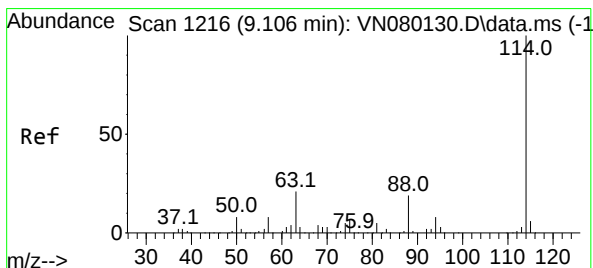
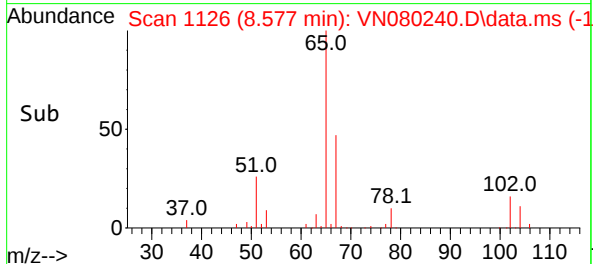
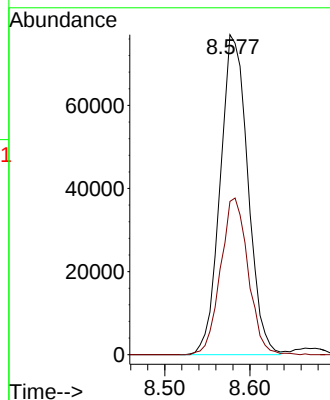
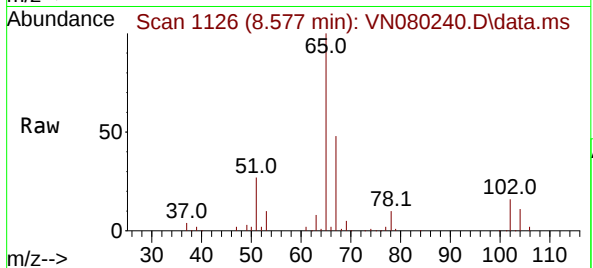
67 49.0 0.0 106.6

Manual Integrations

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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: VN080240.D

Acq: 22 Nov 2023 12:07

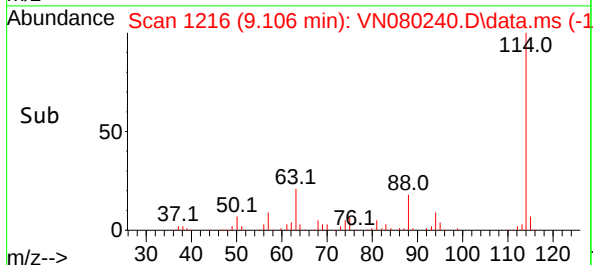
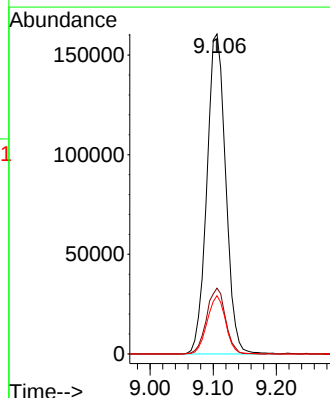
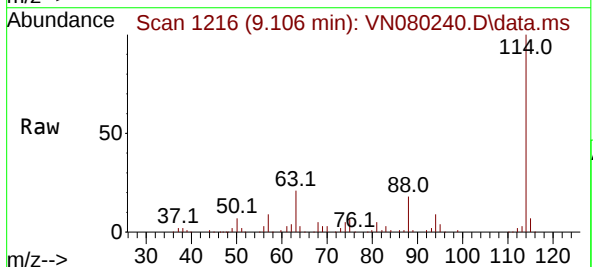
Tgt Ion:114 Resp: 333018

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 18.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.546 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN080240.D

Acq: 22 Nov 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

Tgt Ion: 113 Resp: 12174

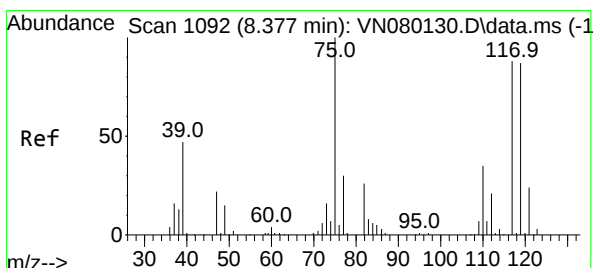
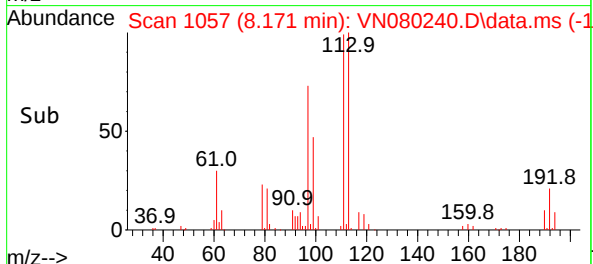
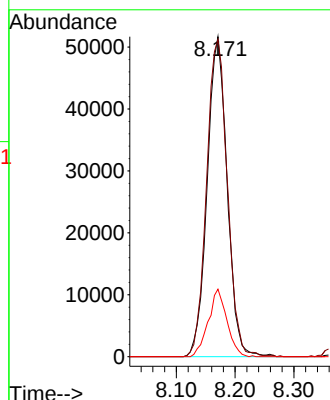
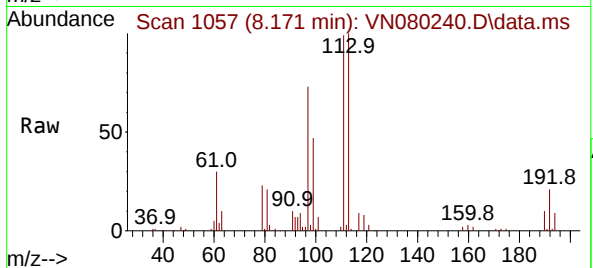
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	19.7	12.7	19.1

Manual Integrations

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Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#36

1,1-Dichloropropene

Concen: 18.200 ug/l

RT: 8.377 min Scan# 1092

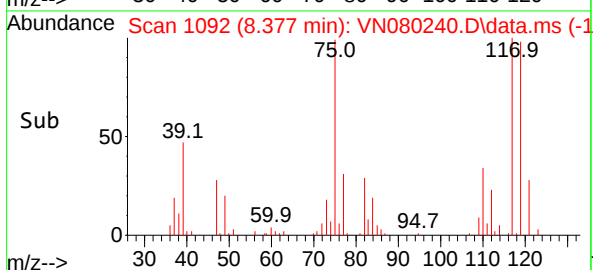
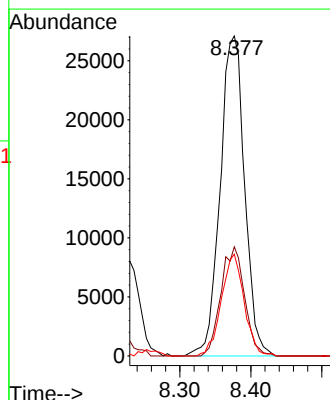
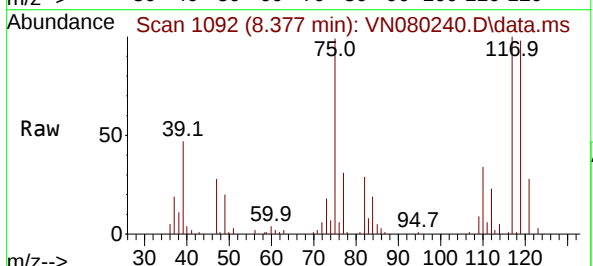
Delta R.T. -0.000 min

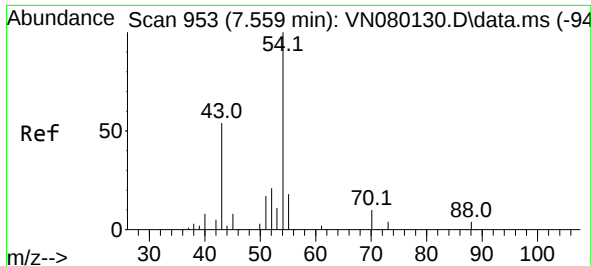
Lab File: VN080240.D

Acq: 22 Nov 2023 12:07

Tgt Ion: 75 Resp: 64748

Ion	Ratio	Lower	Upper
75	100		
110	33.1	19.1	57.3
77	29.7	25.0	37.4





#37

Ethyl Acetate

Concen: 19.747 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080240.D

Acq: 22 Nov 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

Tgt Ion: 43 Resp: 48729

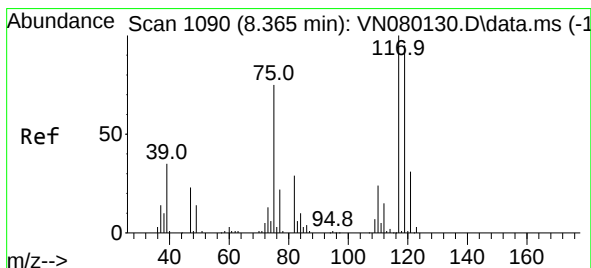
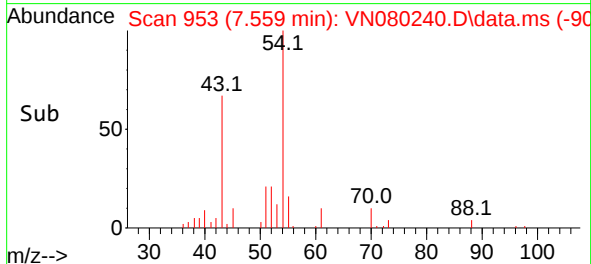
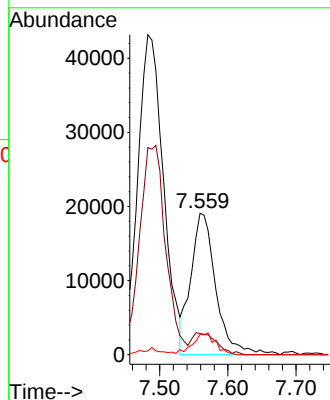
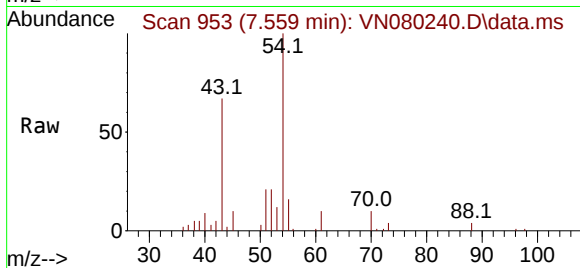
Ion	Ratio	Lower	Upper
43	100		
61	15.0	13.2	19.8
70	13.7	11.3	16.9

Manual Integrations

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Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#38

Carbon Tetrachloride

Concen: 19.468 ug/l

RT: 8.365 min Scan# 1090

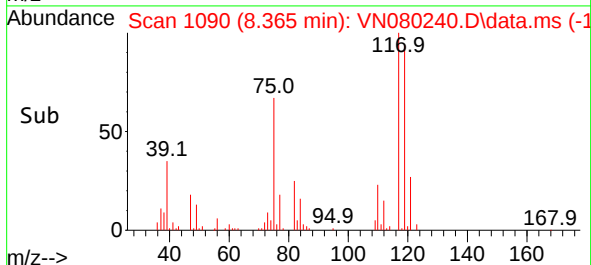
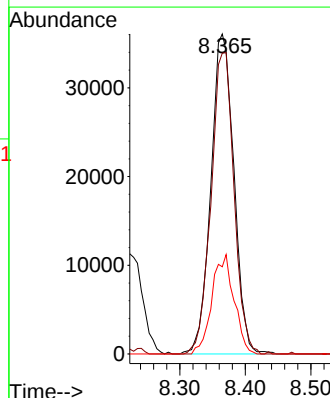
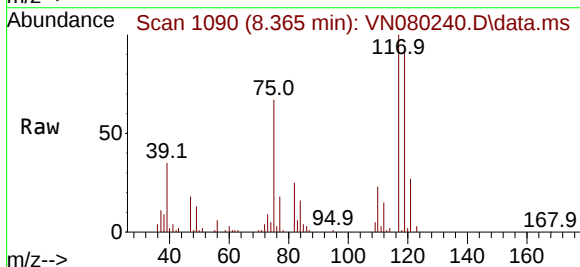
Delta R.T. -0.000 min

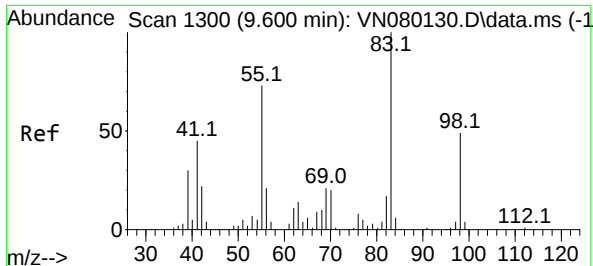
Lab File: VN080240.D

Acq: 22 Nov 2023 12:07

Tgt Ion:117 Resp: 87890

Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.3	115.9
121	27.3	23.3	34.9





#39

Methylcyclohexane

Concen: 17.081 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080240.D

Acq: 22 Nov 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

Tgt Ion: 83 Resp: 58592

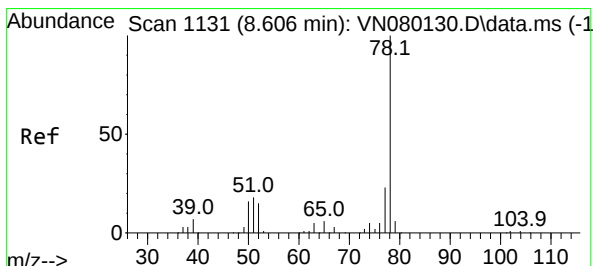
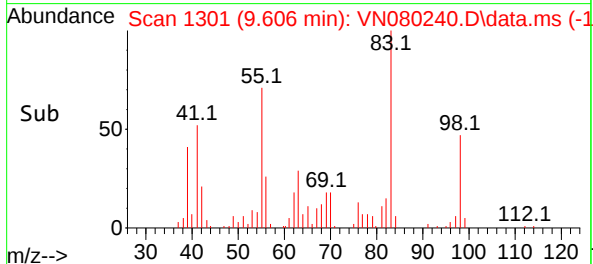
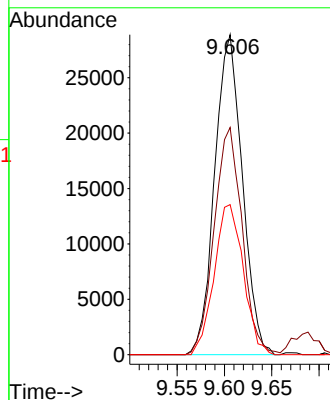
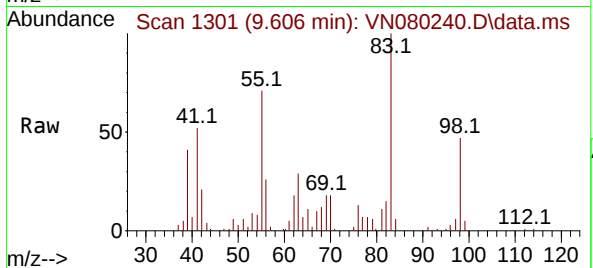
Ion	Ratio	Lower	Upper
83	100		
55	71.0	49.1	73.7
98	46.9	40.6	61.0

Manual Integrations

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Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#40

Benzene

Concen: 18.508 ug/l

RT: 8.612 min Scan# 1132

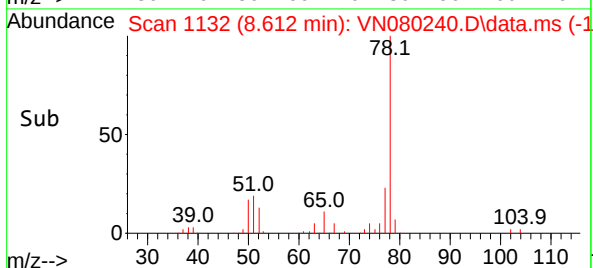
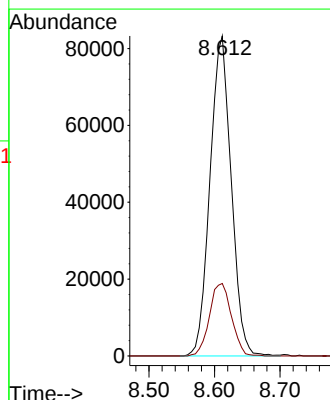
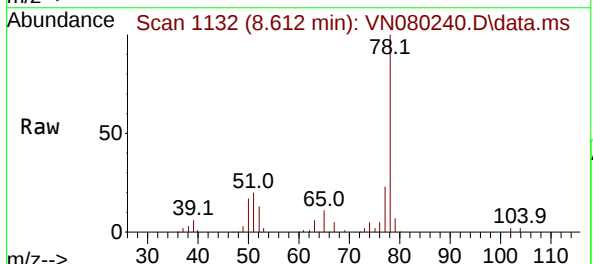
Delta R.T. 0.006 min

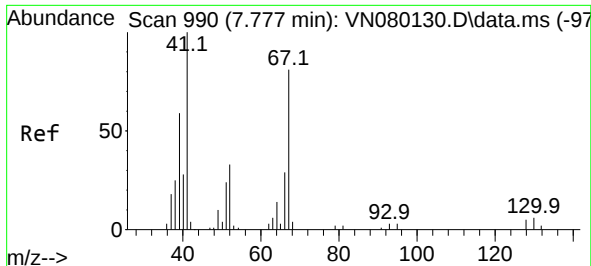
Lab File: VN080240.D

Acq: 22 Nov 2023 12:07

Tgt Ion: 78 Resp: 187131

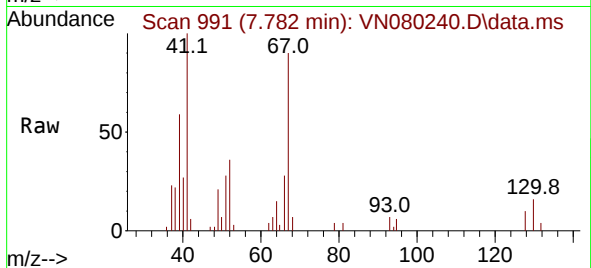
Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.0	28.6





#41
Methacrylonitrile
Concen: 18.145 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

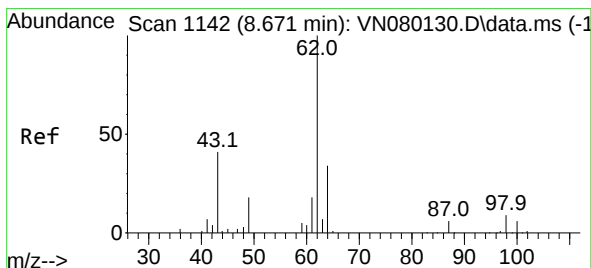
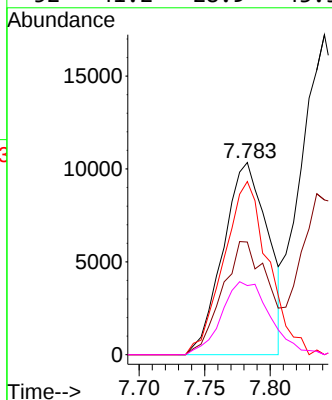
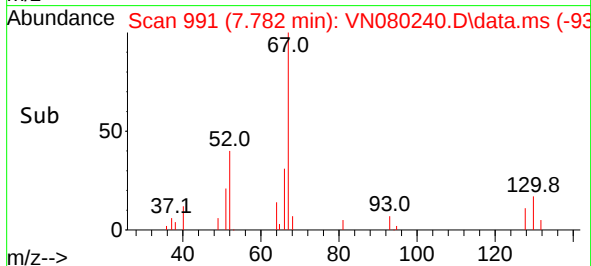
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion: 41 Resp: 24590
Ion Ratio Lower Upper
41 100
39 59.1 42.6 64.0
67 90.0 77.5 116.3
52 41.2 28.9 43.3

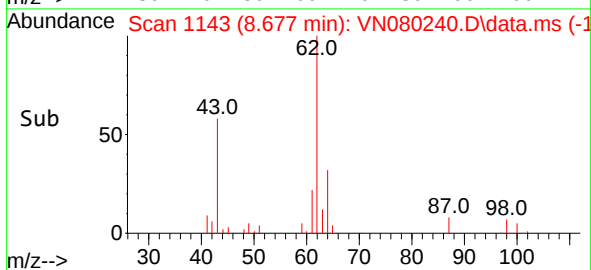
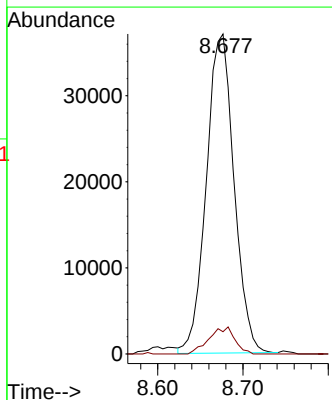
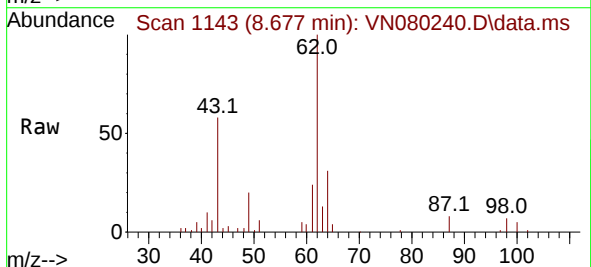
Manual Integrations
APPROVED

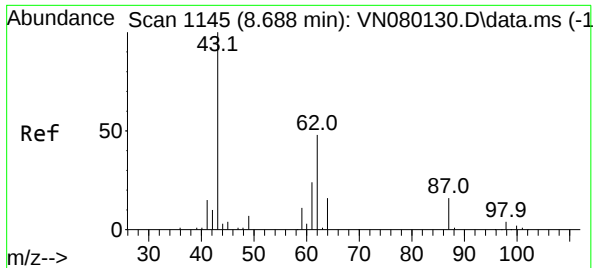
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#42
1,2-Dichloroethane
Concen: 20.263 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Tgt Ion: 62 Resp: 83820
Ion Ratio Lower Upper
62 100
98 7.8 0.0 19.8





#43

Isopropyl Acetate

Concen: 16.590 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080240.D

Acq: 22 Nov 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

Tgt Ion: 43 Resp: 7966

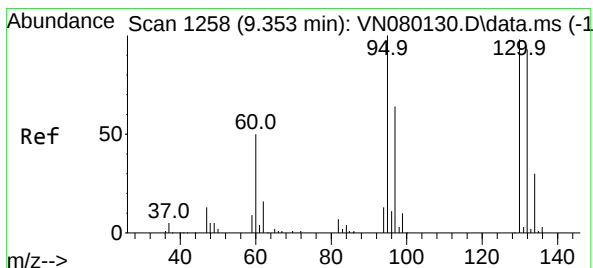
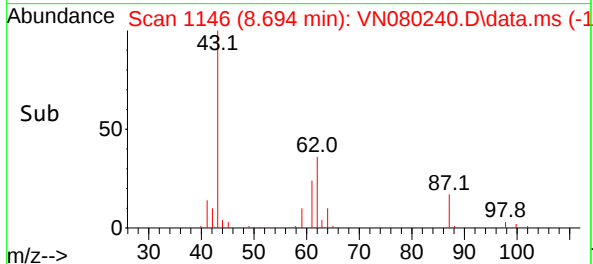
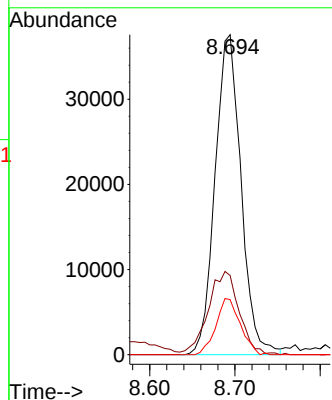
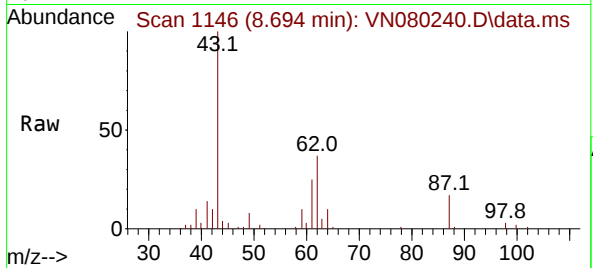
Ion	Ratio	Lower	Upper
43	100		
61	31.0	24.7	37.1
87	16.4	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#44

Trichloroethene

Concen: 18.422 ug/l

RT: 9.353 min Scan# 1258

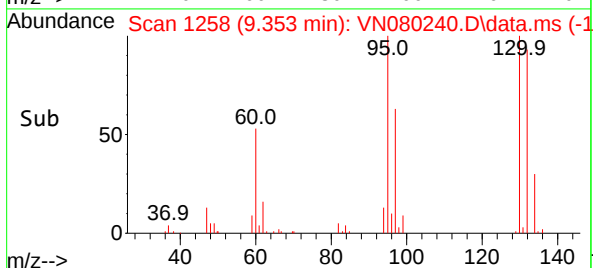
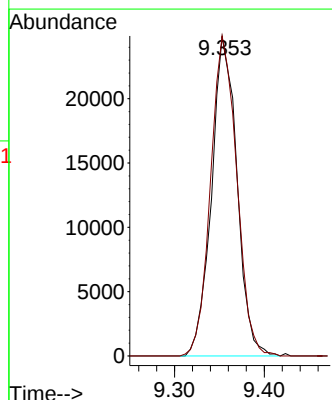
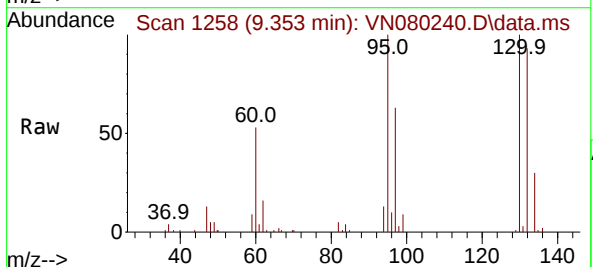
Delta R.T. -0.000 min

Lab File: VN080240.D

Acq: 22 Nov 2023 12:07

Tgt Ion:130 Resp: 48859

Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	204.6





#45

1,2-Dichloropropane

Concen: 18.995 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080240.D

Acq: 22 Nov 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

Tgt Ion: 63 Resp: 44634

Ion Ratio Lower Upper

63 100

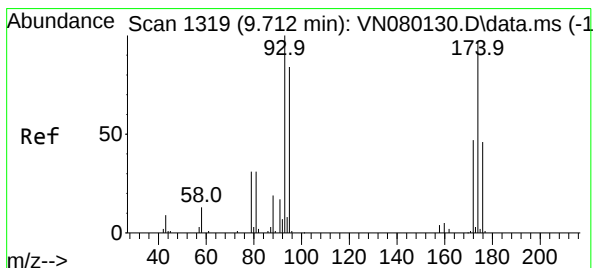
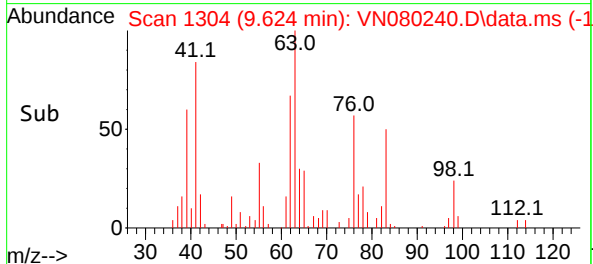
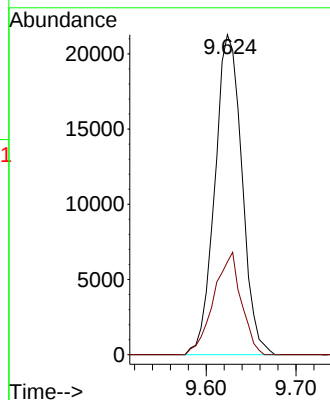
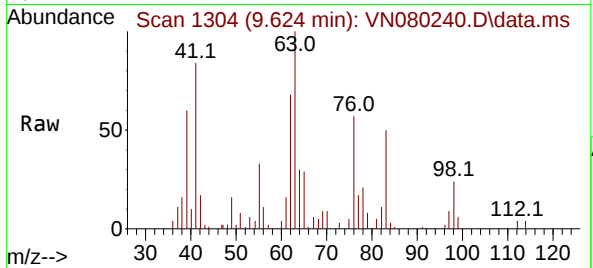
65 29.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#46

Dibromomethane

Concen: 20.019 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080240.D

Acq: 22 Nov 2023 12:07

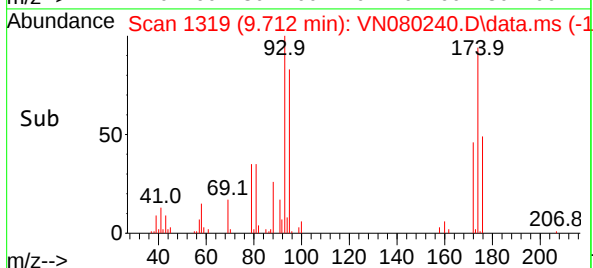
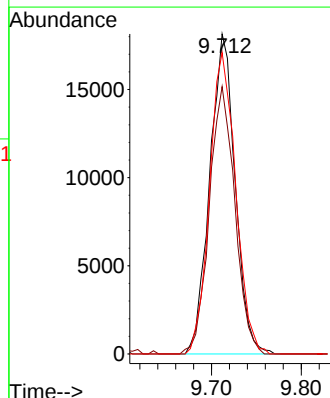
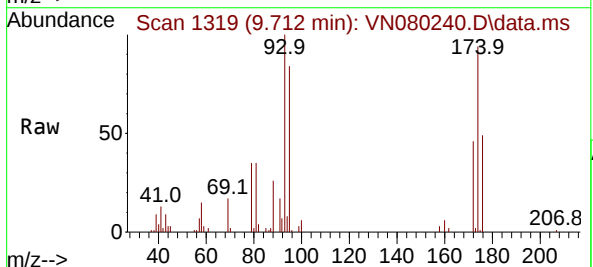
Tgt Ion: 93 Resp: 35608

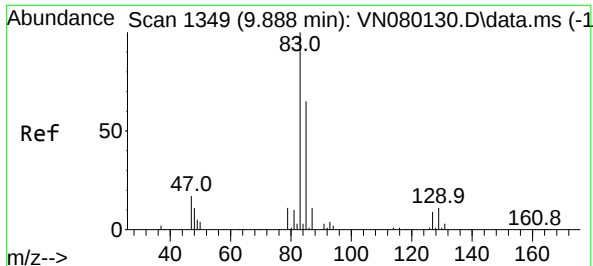
Ion Ratio Lower Upper

93 100

95 84.2 63.8 95.8

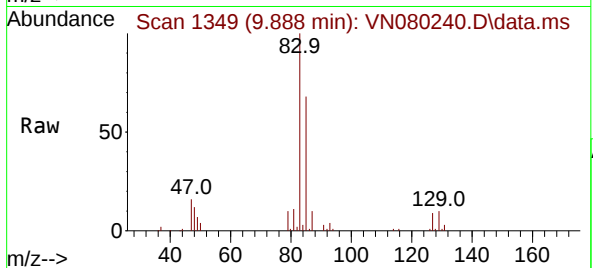
174 97.0 65.6 98.4





#47
Bromodichloromethane
Concen: 20.209 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

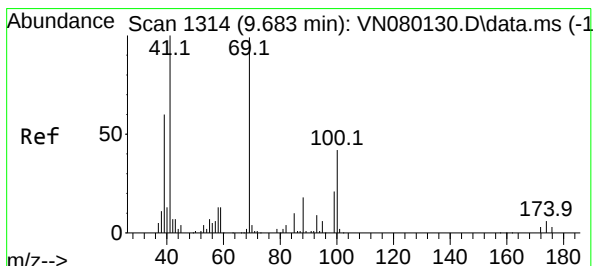
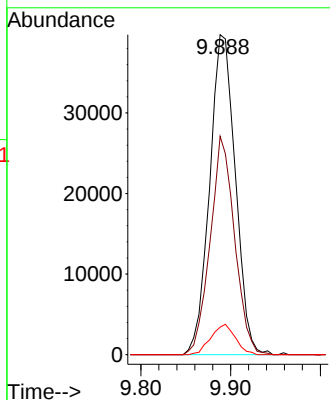
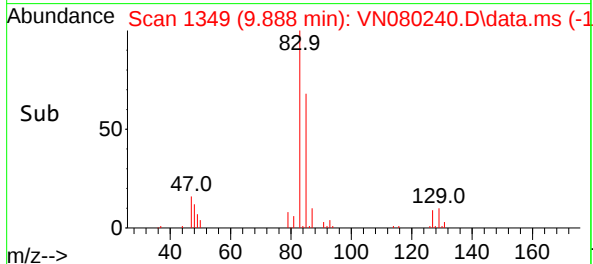
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion: 83 Resp: 79070
Ion Ratio Lower Upper
83 100
85 68.3 49.6 74.4
127 8.6 7.0 10.6

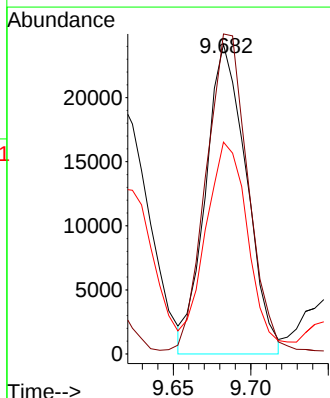
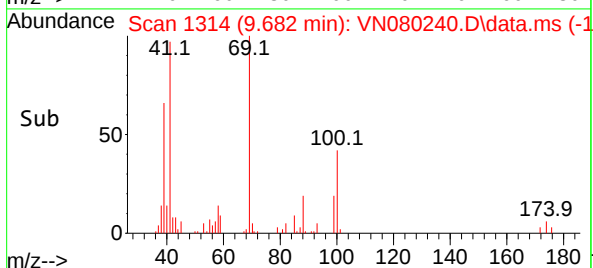
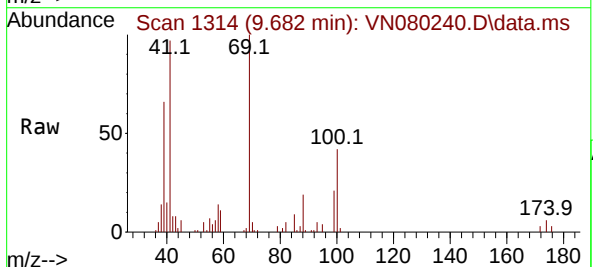
Manual Integrations
APPROVED

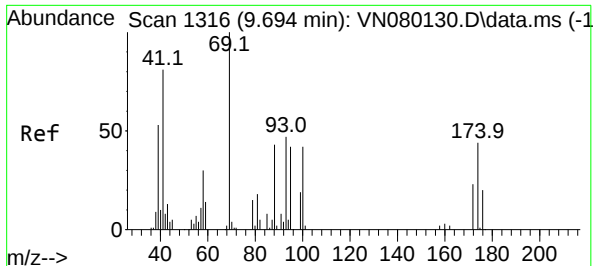
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#48
Methyl methacrylate
Concen: 17.861 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

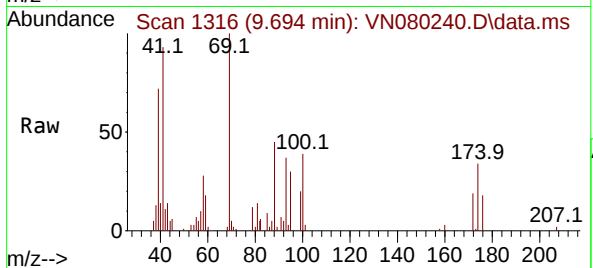
Tgt Ion: 41 Resp: 44201
Ion Ratio Lower Upper
41 100
69 108.4 90.4 135.6
39 73.1 54.6 81.8





#49
1,4-Dioxane
Concen: 406.859 ug/l
RT: 9.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

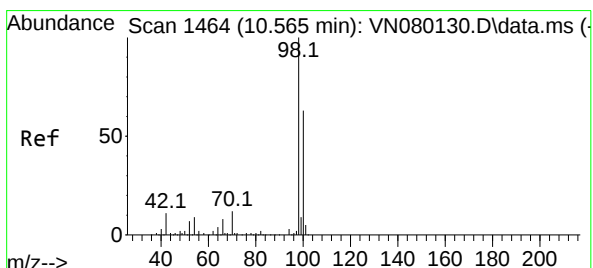
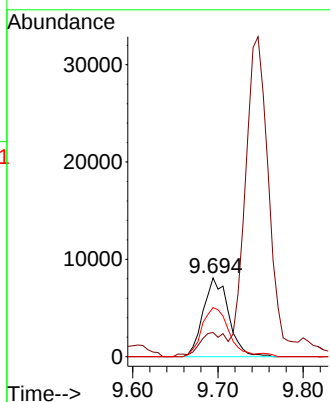
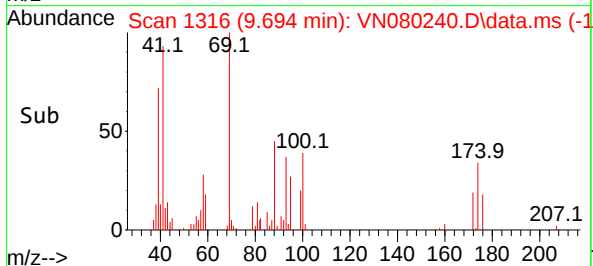
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion: 88 Resp: 16750
Ion Ratio Lower Upper
88 100
43 31.7 17.0 25.6
58 67.9 47.0 70.4

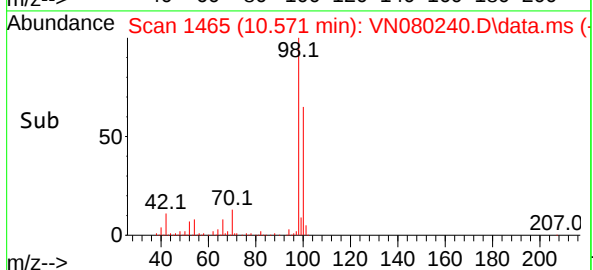
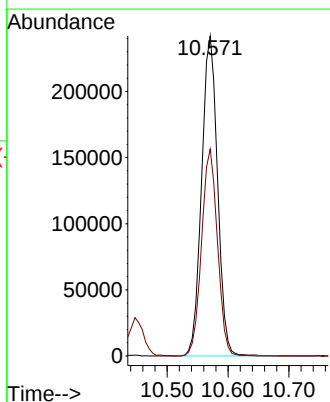
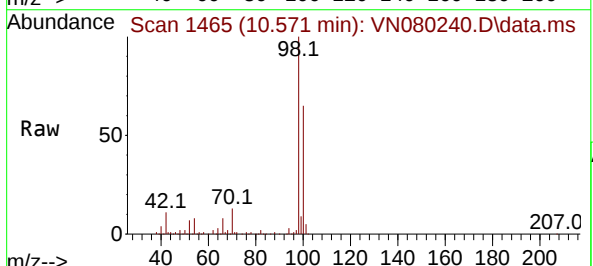
Manual Integrations
APPROVED

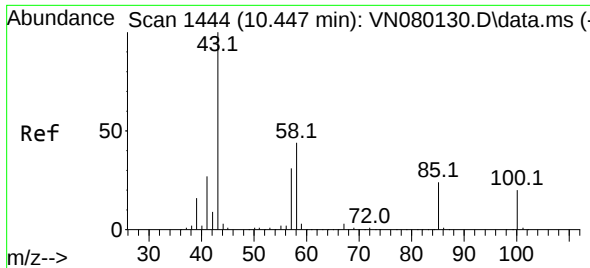
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#50
Toluene-d8
Concen: 49.675 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

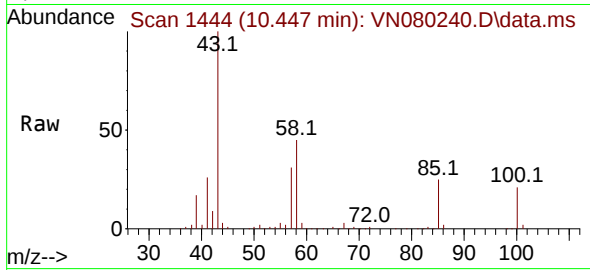
Tgt Ion: 98 Resp: 440014
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 97.412 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

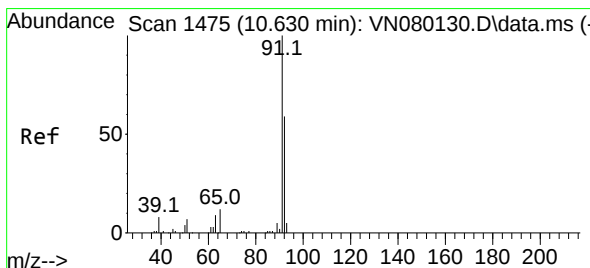
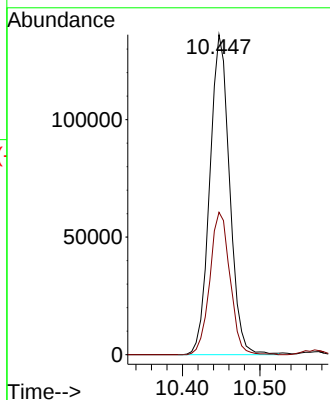
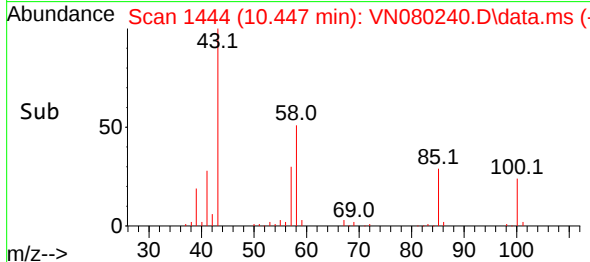
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion: 43 Resp: 242179
Ion Ratio Lower Upper
43 100
58 45.2 36.6 54.8

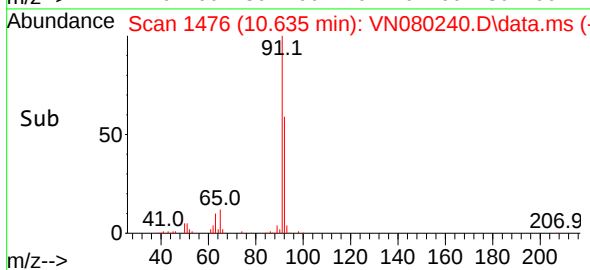
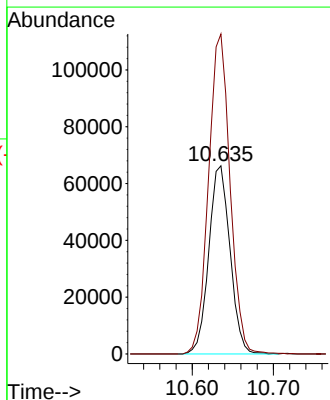
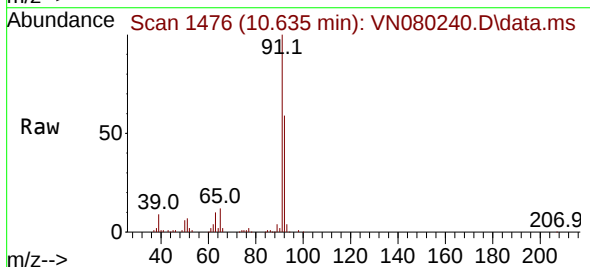
Manual Integrations
APPROVED

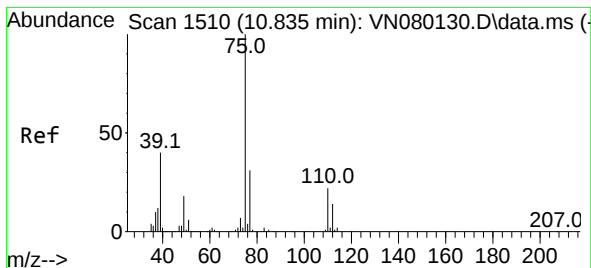
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#52
Toluene
Concen: 19.033 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Tgt Ion: 92 Resp: 120436
Ion Ratio Lower Upper
92 100
91 172.3 137.4 206.0





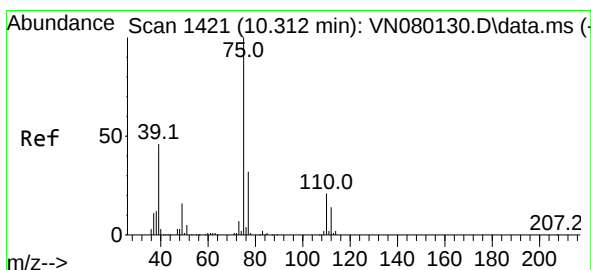
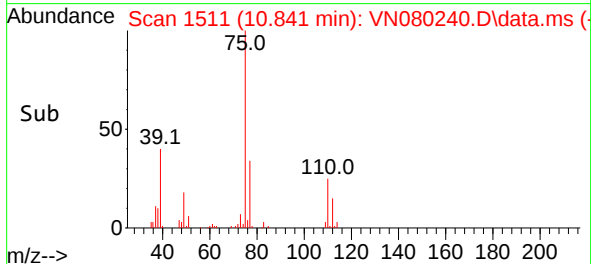
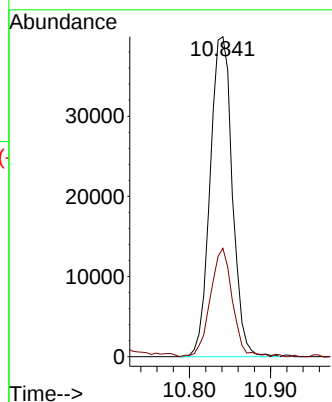
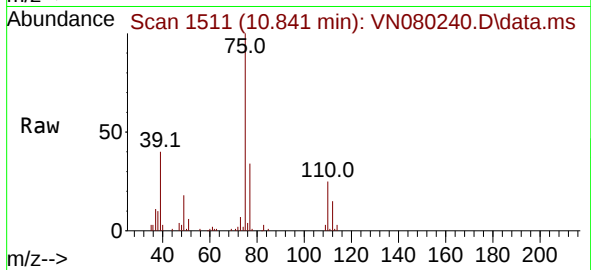
#53
t-1,3-Dichloropropene
Concen: 18.893 ug/l
RT: 10.841 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion: 75 Resp: 7594
Ion Ratio Lower Upper
75 100
77 33.8 25.4 38.0

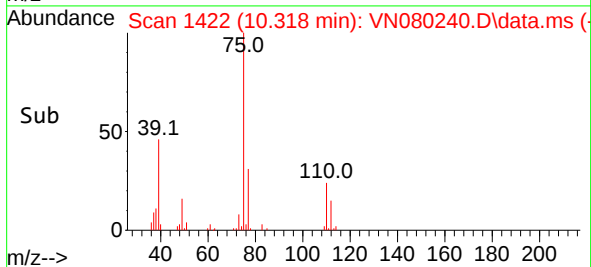
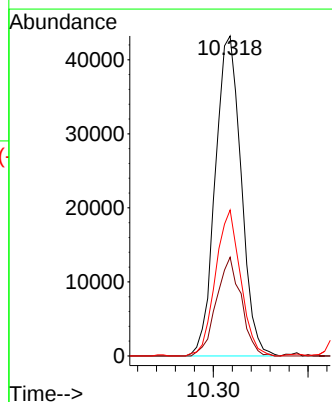
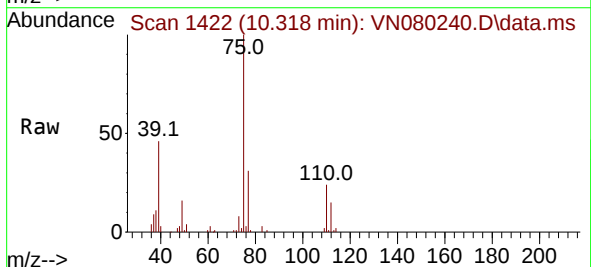
Manual Integrations
APPROVED

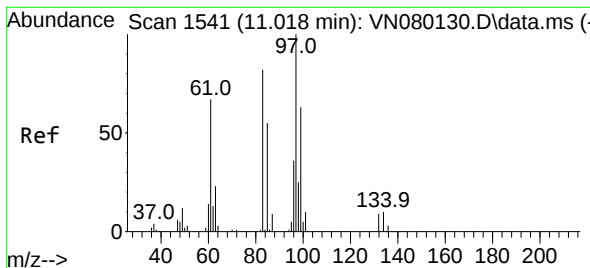
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#54
cis-1,3-Dichloropropene
Concen: 20.025 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Tgt Ion: 75 Resp: 82242
Ion Ratio Lower Upper
75 100
77 30.9 26.1 39.1
39 45.6 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 19.485 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN080240.D

Acq: 22 Nov 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

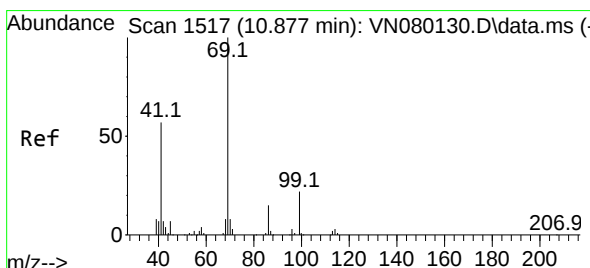
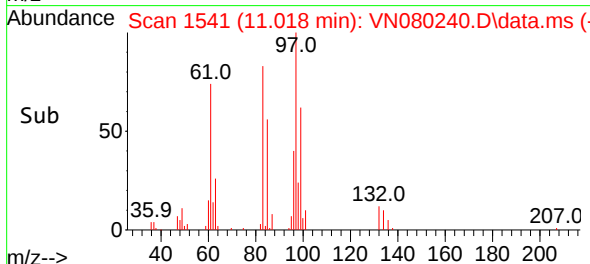
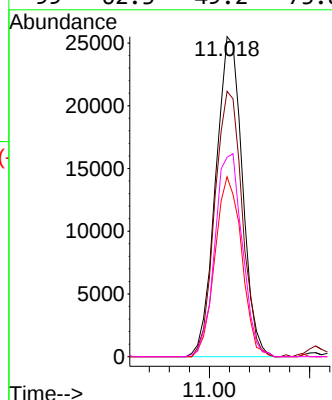
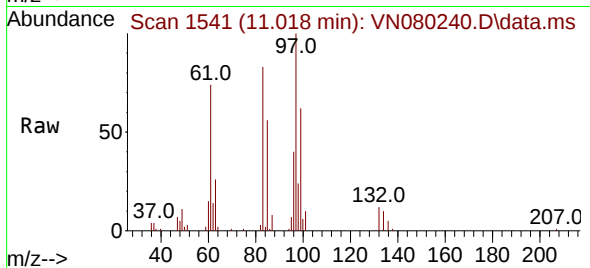
Tgt Ion: 97	Resp: 4705
Ion Ratio	Lower Upper
97 100	
83 82.9	65.1 97.7
85 56.2	43.4 65.2
99 62.3	49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#56

Ethyl methacrylate

Concen: 19.772 ug/l

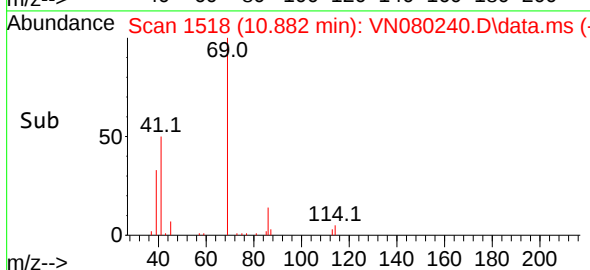
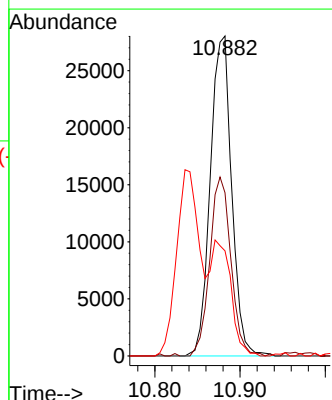
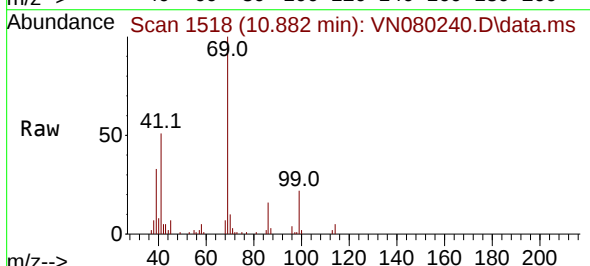
RT: 10.882 min Scan# 1518

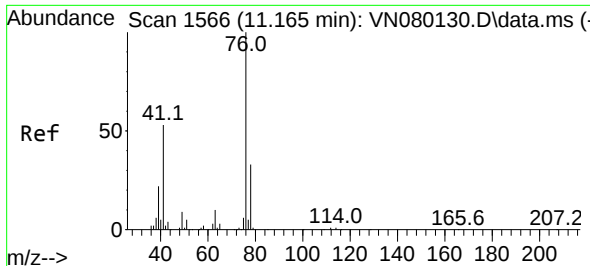
Delta R.T. 0.006 min

Lab File: VN080240.D

Acq: 22 Nov 2023 12:07

Tgt Ion: 69	Resp: 48783
Ion Ratio	Lower Upper
69 100	
41 55.5	39.6 59.4
39 30.0	28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.480 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080240.D

Acq: 22 Nov 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

Tgt Ion: 76 Resp: 82139

Ion Ratio Lower Upper

76 100

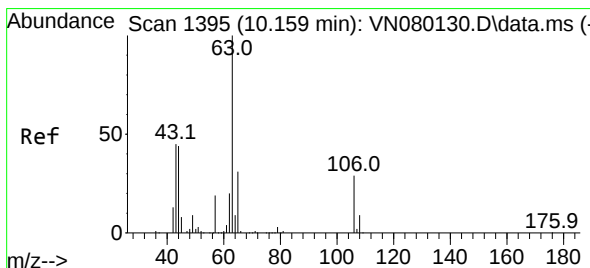
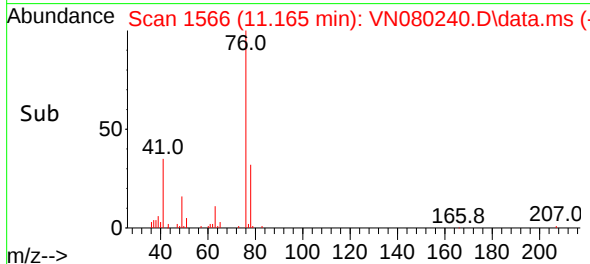
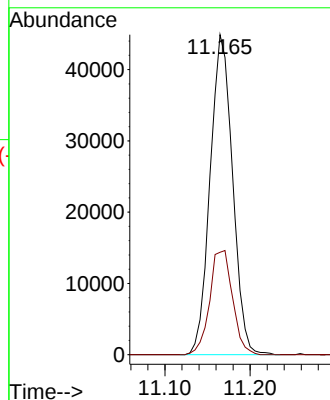
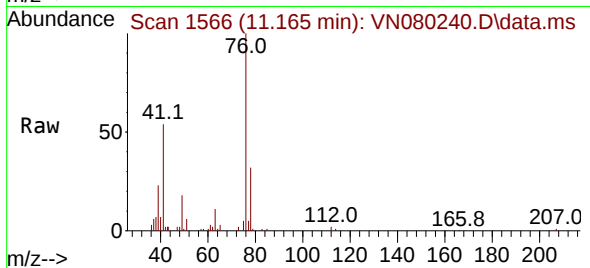
78 33.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 102.840 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080240.D

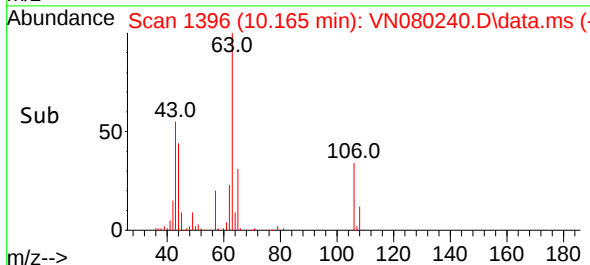
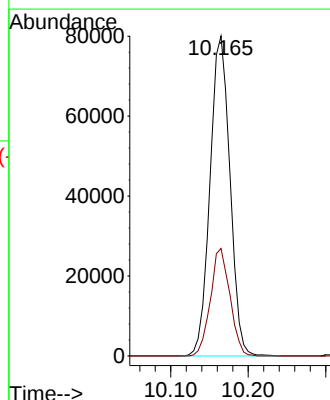
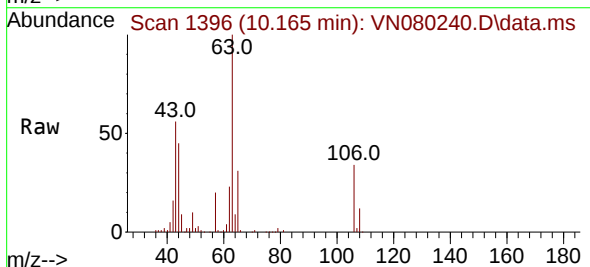
Acq: 22 Nov 2023 12:07

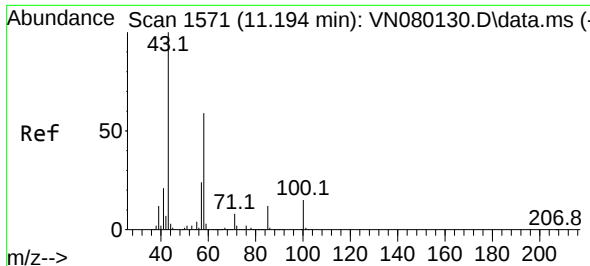
Tgt Ion: 63 Resp: 142944

Ion Ratio Lower Upper

63 100

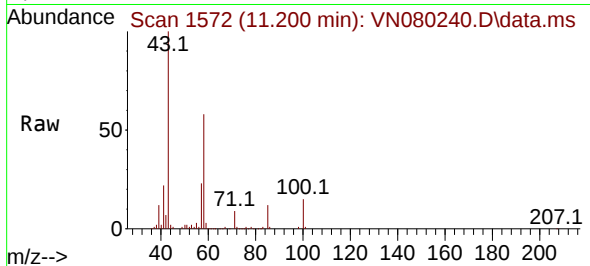
106 32.9 26.2 39.4





#59
2-Hexanone
Concen: 91.094 ug/l
RT: 11.200 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

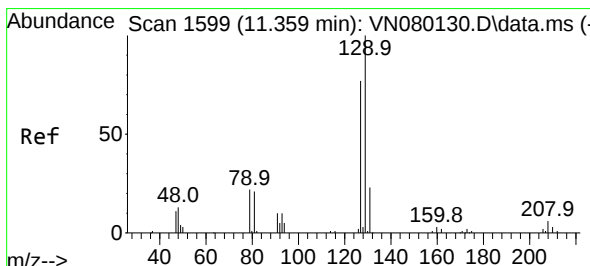
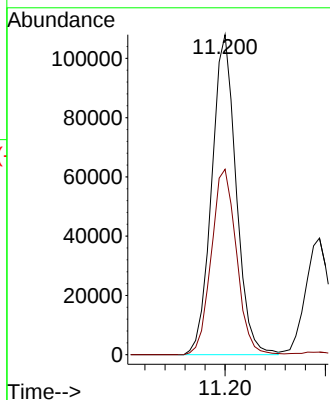
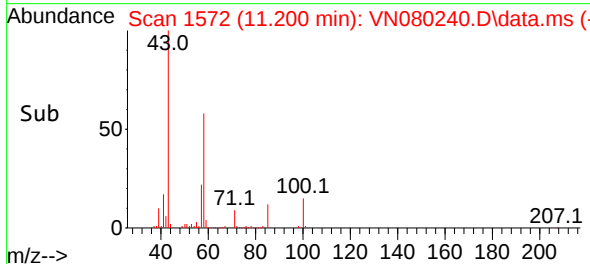
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion: 43 Resp: 18198
Ion Ratio Lower Upper
43 100
58 59.7 31.7 95.1

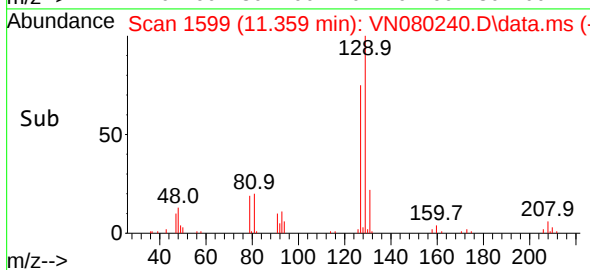
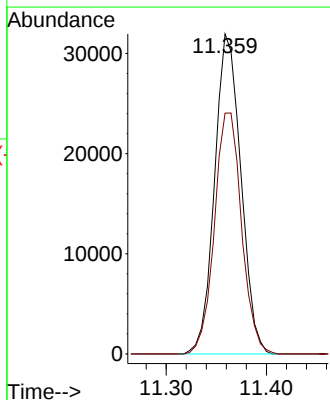
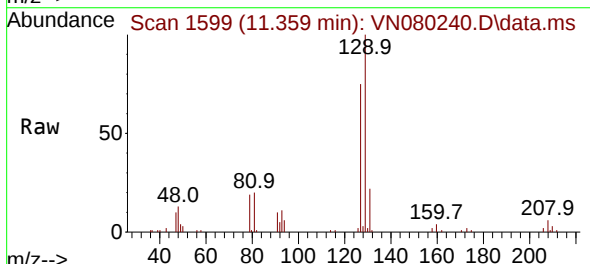
Manual Integrations
APPROVED

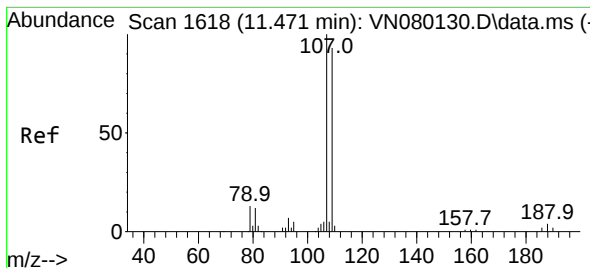
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#60
Dibromochloromethane
Concen: 20.142 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Tgt Ion:129 Resp: 58239
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





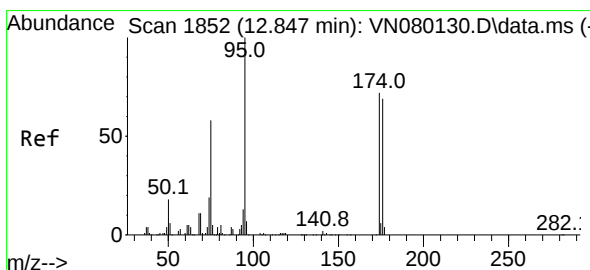
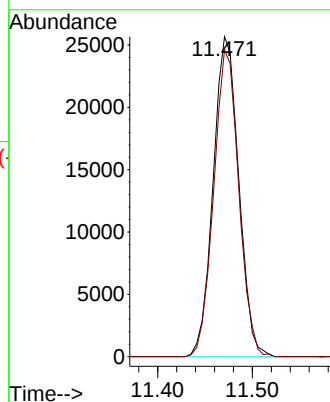
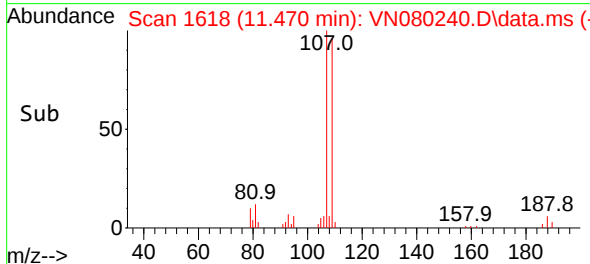
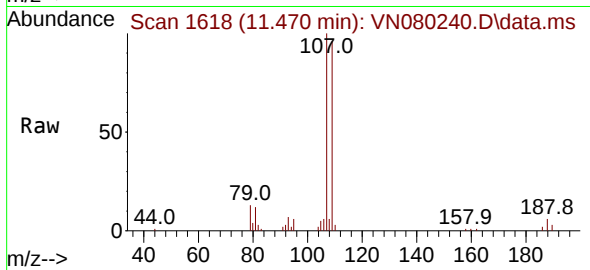
#61
1,2-Dibromoethane
Concen: 19.510 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion:107 Resp: 48069
Ion Ratio Lower Upper
107 100
109 93.9 76.6 114.8

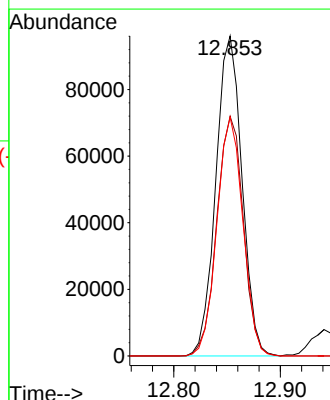
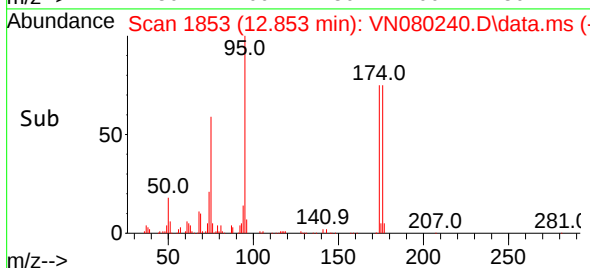
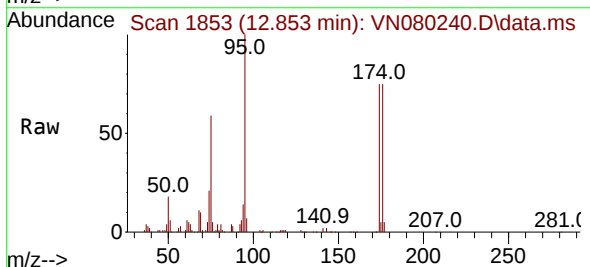
Manual Integrations
APPROVED

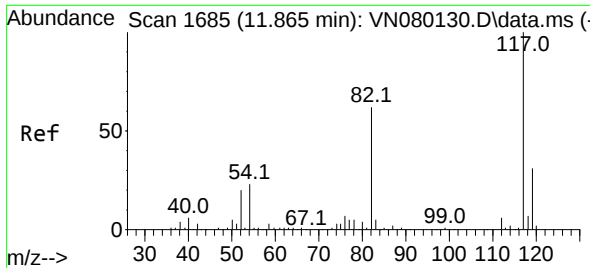
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#62
4-Bromofluorobenzene
Concen: 48.979 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Tgt Ion: 95 Resp: 163872
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 74.2 0.0 135.8





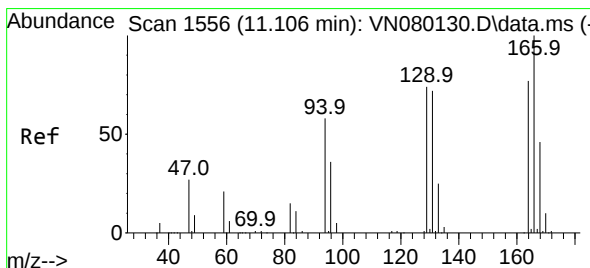
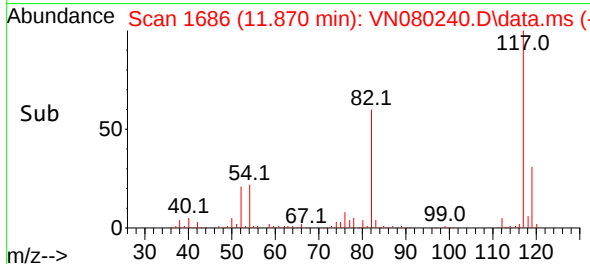
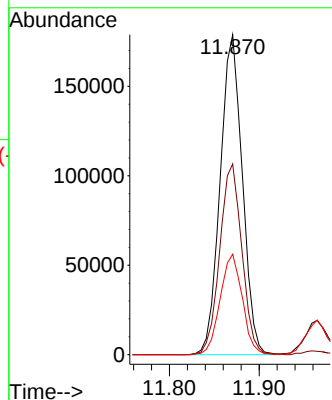
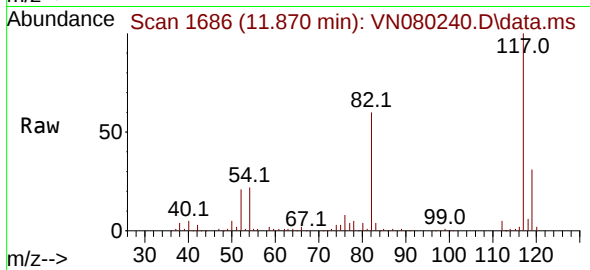
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion:117 Resp: 30692
Ion Ratio Lower Upper
117 100
82 59.6 44.0 66.0
119 31.4 25.6 38.4

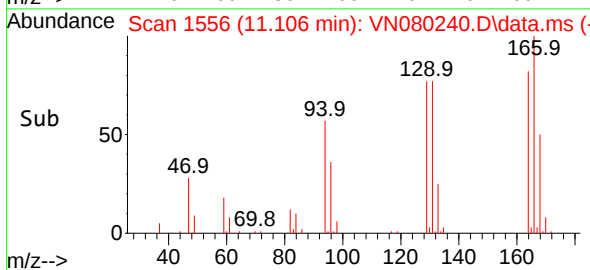
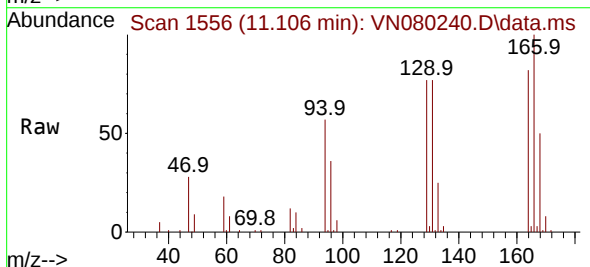
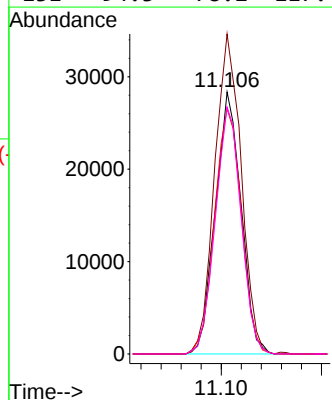
Manual Integrations
APPROVED

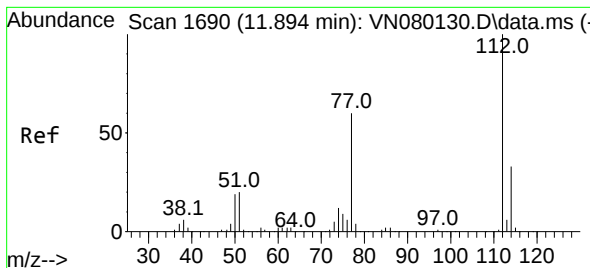
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#64
Tetrachloroethene
Concen: 21.577 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

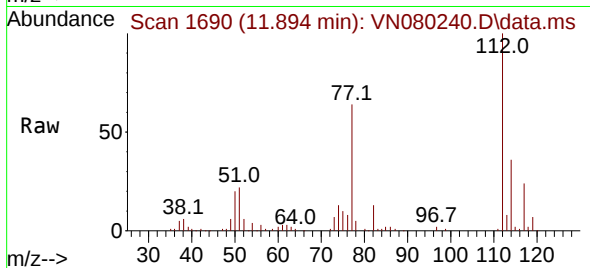
Tgt Ion:164 Resp: 50540
Ion Ratio Lower Upper
164 100
166 122.2 101.4 152.0
129 93.6 82.4 123.6
131 94.3 78.2 117.4





#65
Chlorobenzene
Concen: 18.245 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

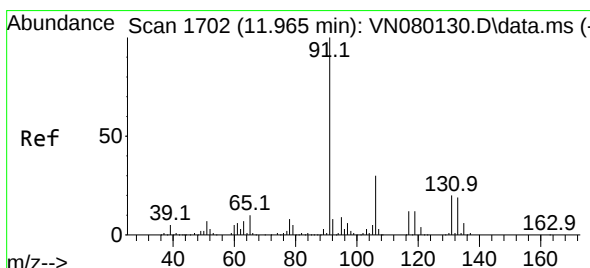
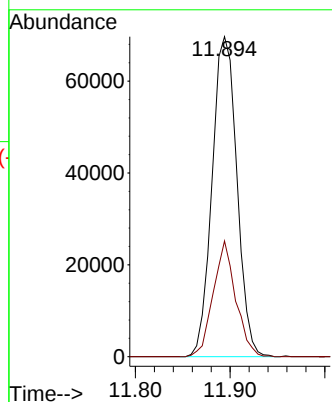
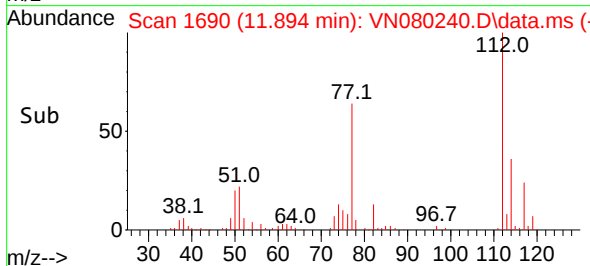
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion:112 Resp: 126880
Ion Ratio Lower Upper
112 100
114 36.2 25.0 37.4

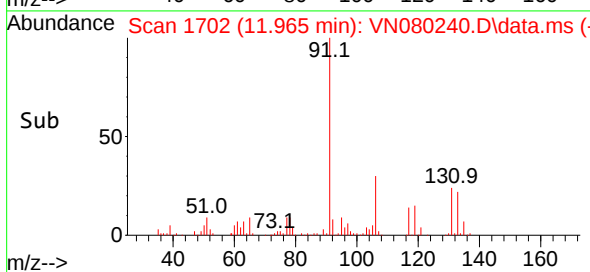
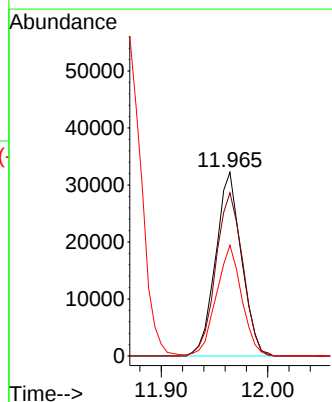
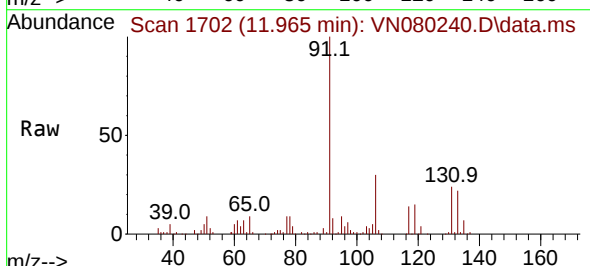
Manual Integrations
APPROVED

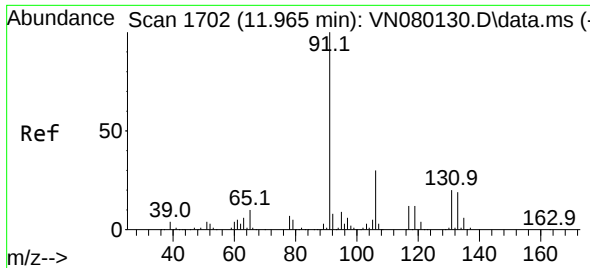
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.120 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

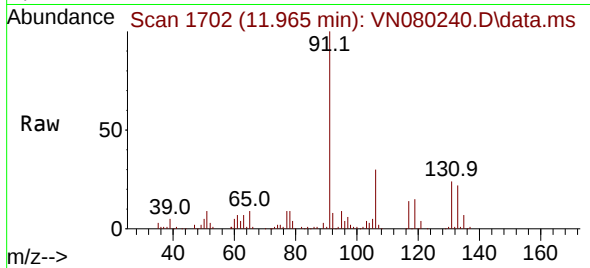
Tgt Ion:131 Resp: 54302
Ion Ratio Lower Upper
131 100
133 92.9 46.4 139.1
119 59.0 34.1 102.2





#67
Ethyl Benzene
Concen: 18.099 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

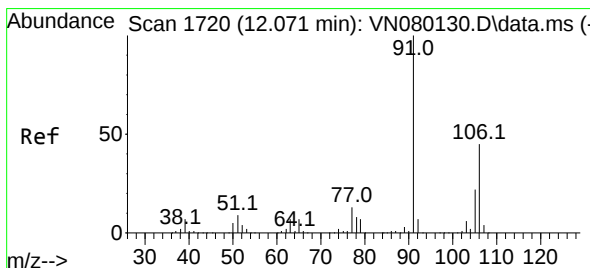
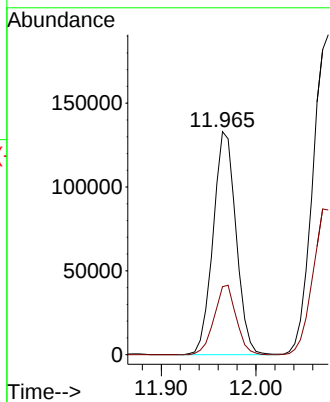
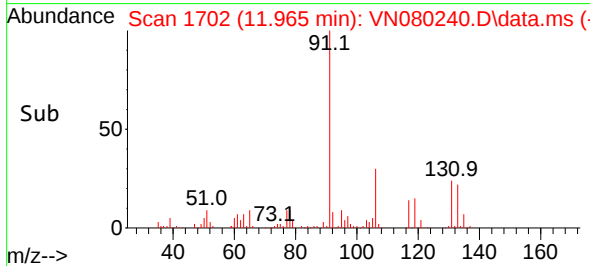
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



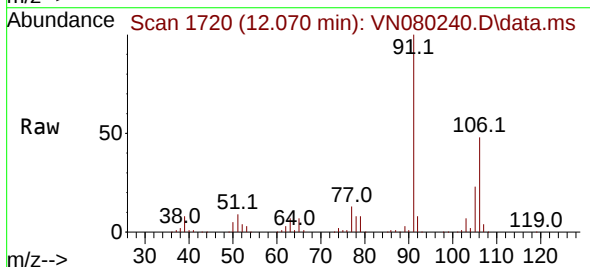
Tgt Ion: 91 Resp: 223979
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4

Manual Integrations
APPROVED

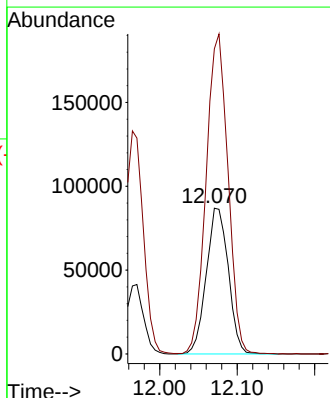
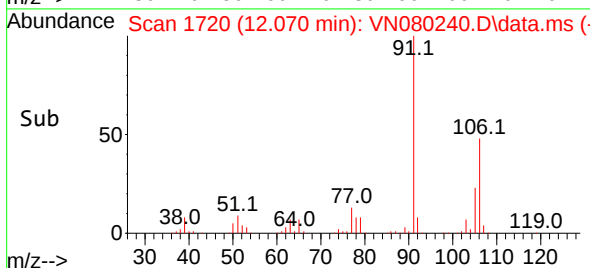
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#68
m/p-Xylenes
Concen: 38.096 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07



Tgt Ion:106 Resp: 171895
Ion Ratio Lower Upper
106 100
91 217.5 159.6 239.4





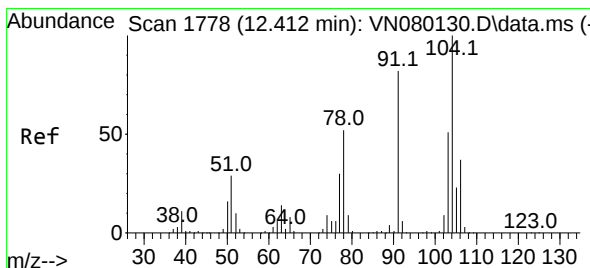
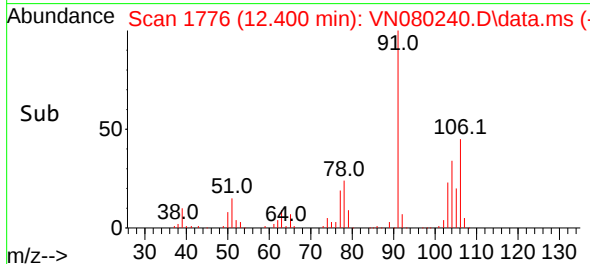
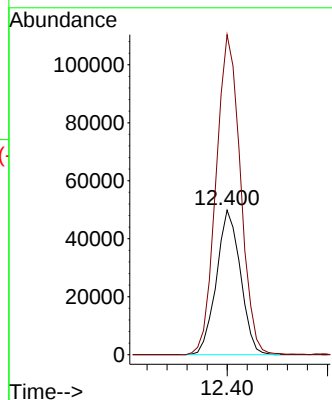
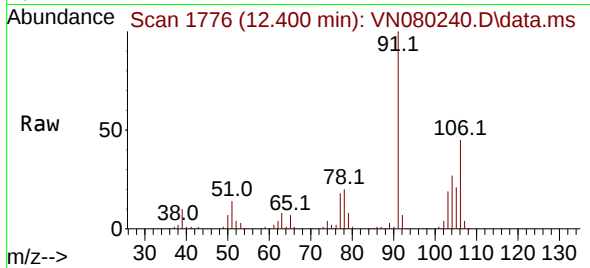
#69
o-Xylene
Concen: 19.407 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion:106 Resp: 82524
Ion Ratio Lower Upper
106 100
91 225.6 105.2 315.5

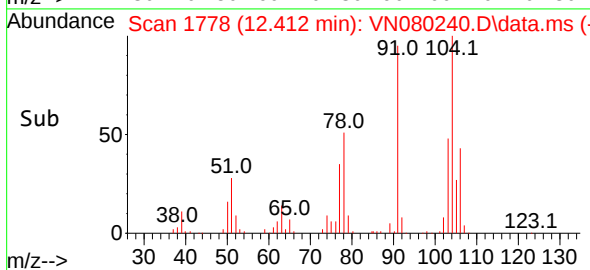
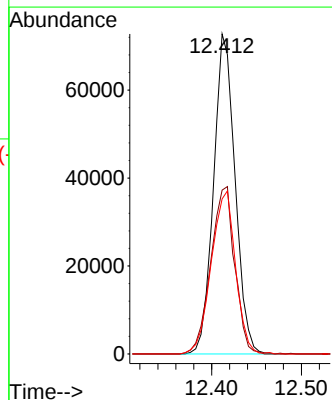
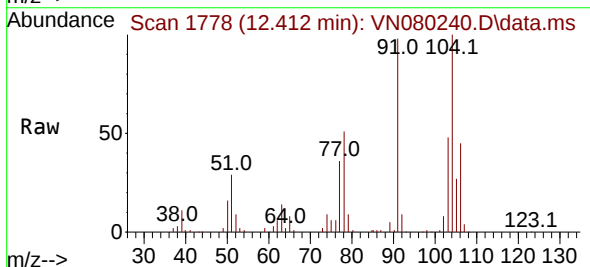
Manual Integrations
APPROVED

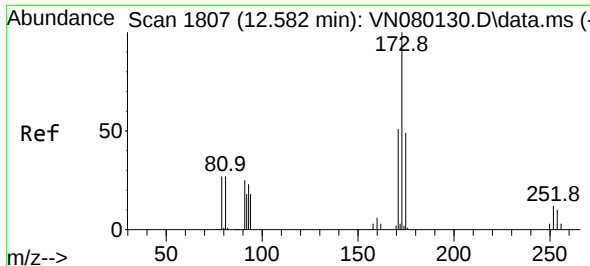
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#70
Styrene
Concen: 19.156 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

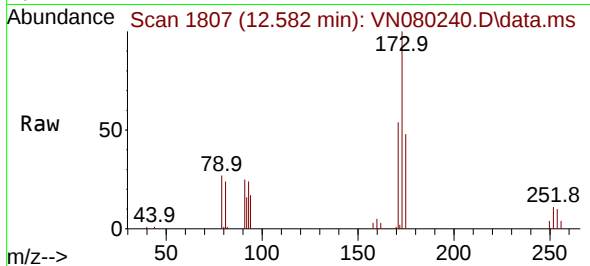
Tgt Ion:104 Resp: 121243
Ion Ratio Lower Upper
104 100
78 58.1 39.5 59.3
103 57.3 43.2 64.8





#71
Bromoform
Concen: 20.020 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

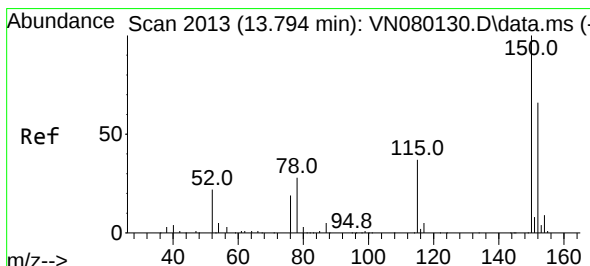
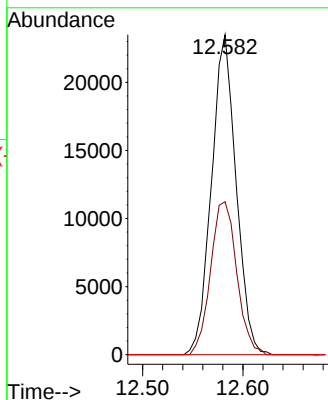
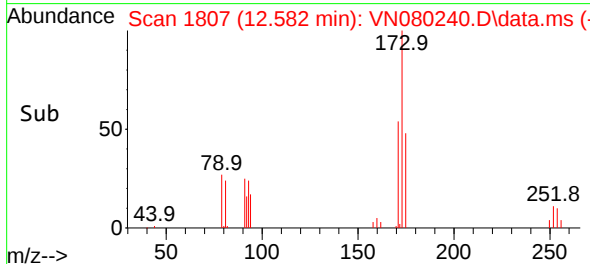
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



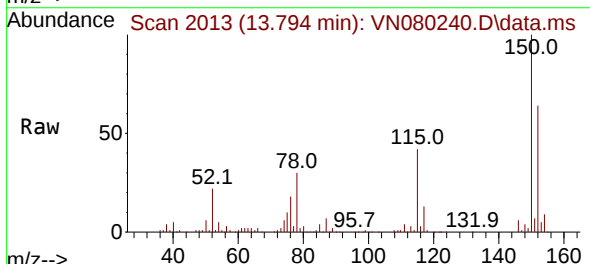
Tgt Ion:173 Resp: 40069
Ion Ratio Lower Upper
173 100
175 50.9 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

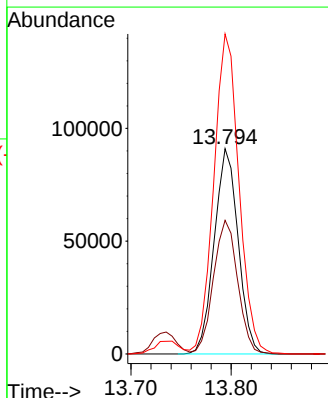
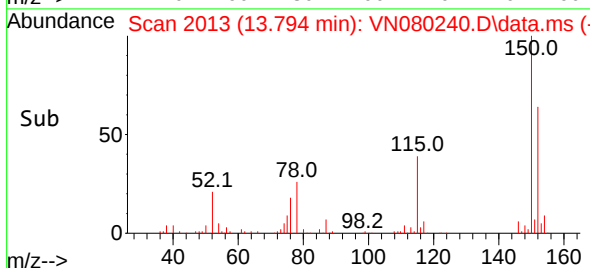
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

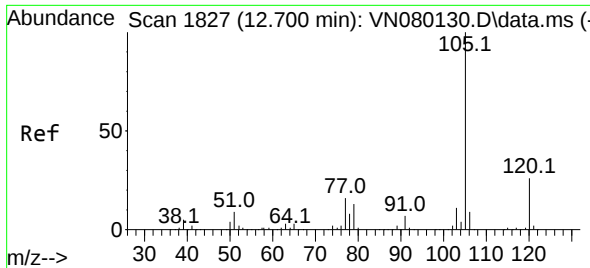


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07



Tgt Ion:152 Resp: 150461
Ion Ratio Lower Upper
152 100
115 66.2 32.3 96.8
150 164.2 0.0 355.8





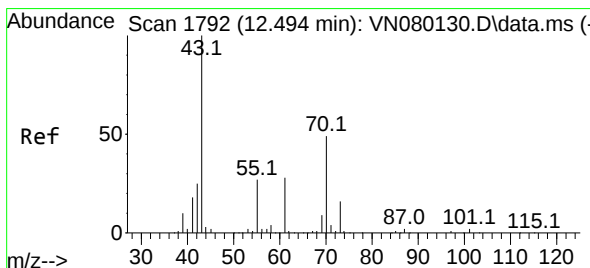
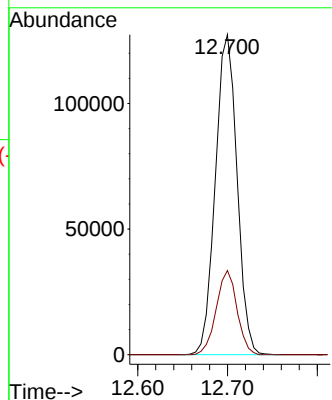
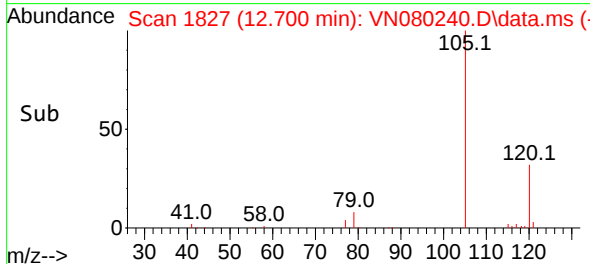
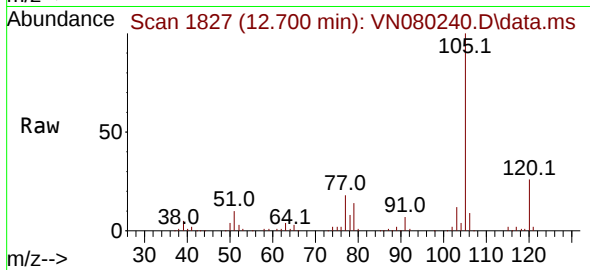
#73
Isopropylbenzene
Concen: 18.265 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion:105 Resp: 213558
Ion Ratio Lower Upper
105 100
120 25.2 13.1 39.1

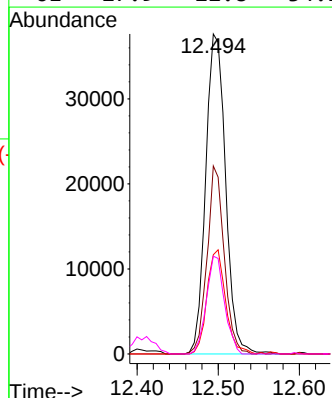
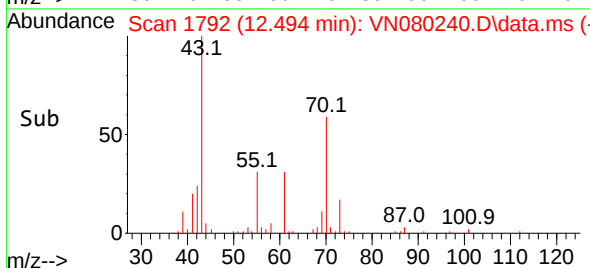
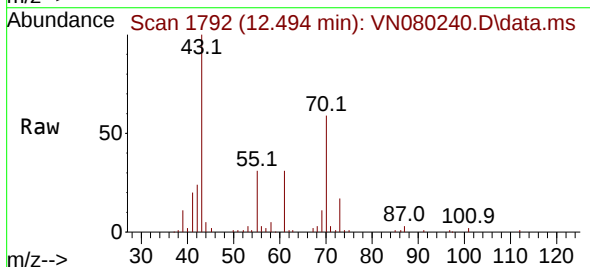
Manual Integrations
APPROVED

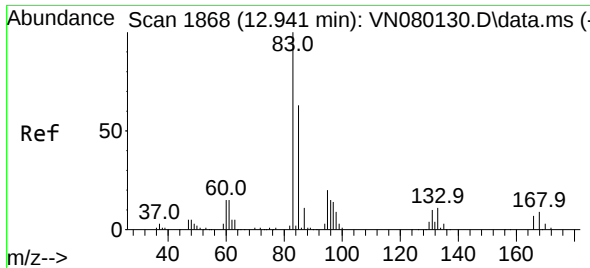
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#74
N-ethyl acetate
Concen: 17.542 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

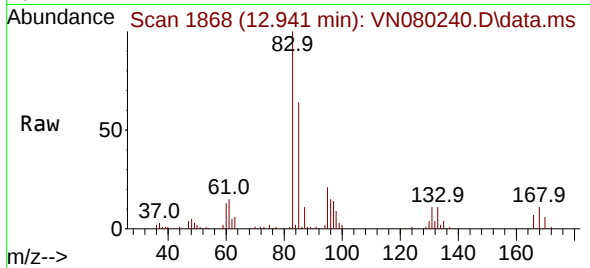
Tgt Ion: 43 Resp: 63959
Ion Ratio Lower Upper
43 100
70 50.5 43.4 65.2
55 30.4 21.4 32.0
61 27.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 17.980 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

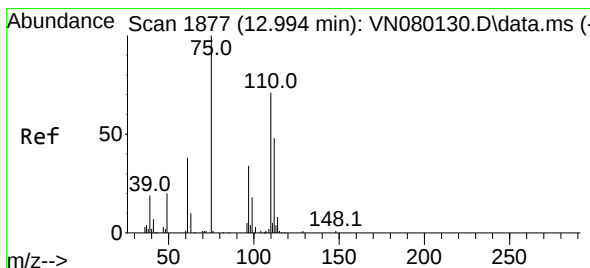
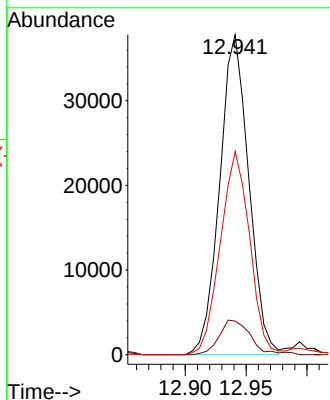
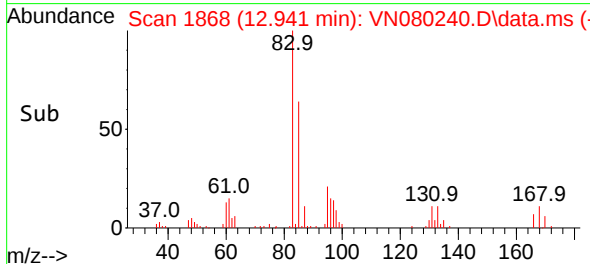
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion: 83 Resp: 62920
Ion Ratio Lower Upper
83 100
131 11.7 5.0 15.0
85 64.1 31.9 95.7

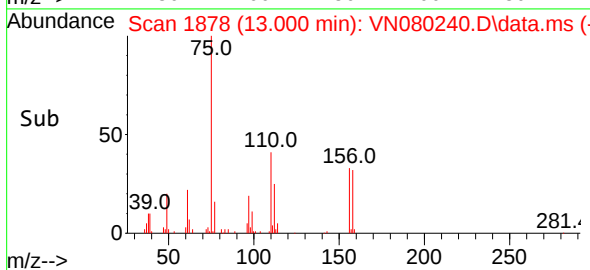
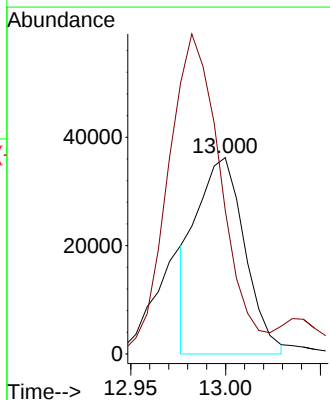
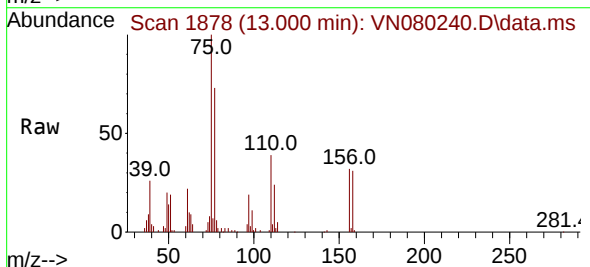
Manual Integrations
APPROVED

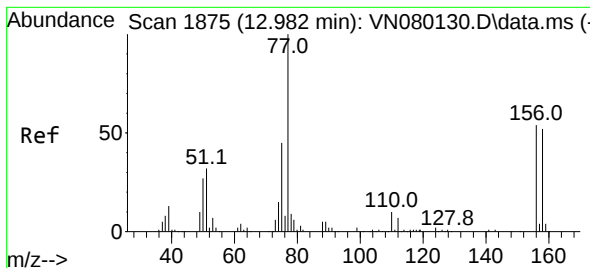
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#76
1,2,3-Trichloropropane
Concen: 17.450 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Tgt Ion: 75 Resp: 64330
Ion Ratio Lower Upper
75 100
77 180.2 84.5 253.5





#77

Bromobenzene

Concen: 18.355 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080240.D

Acq: 22 Nov 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

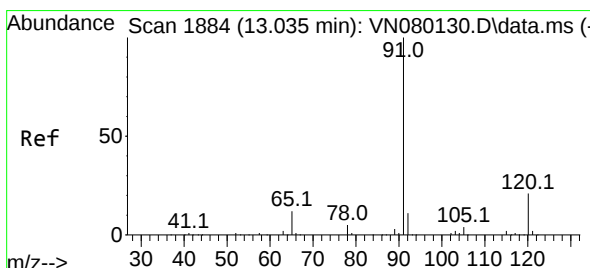
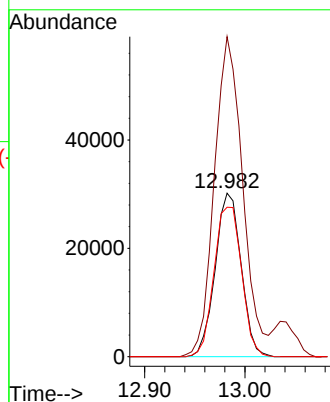
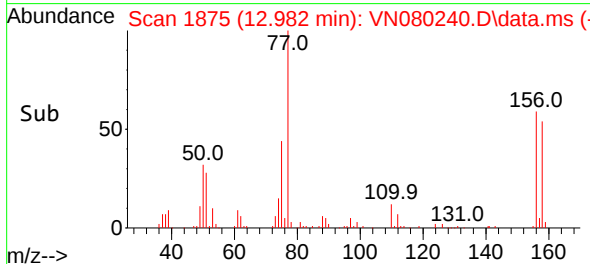
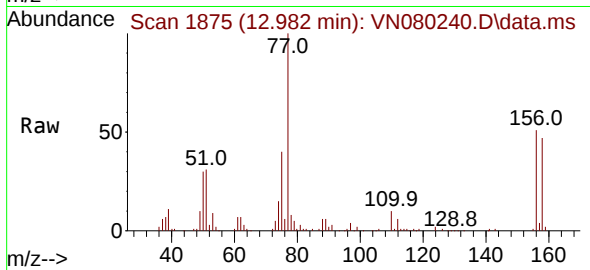
Tgt Ion:156 Resp: 5410
 Ion Ratio Lower Upper
 156 100
 77 214.2 107.7 323.3
 158 97.5 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#78

n-propylbenzene

Concen: 18.711 ug/l

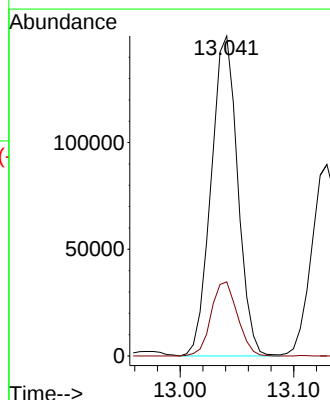
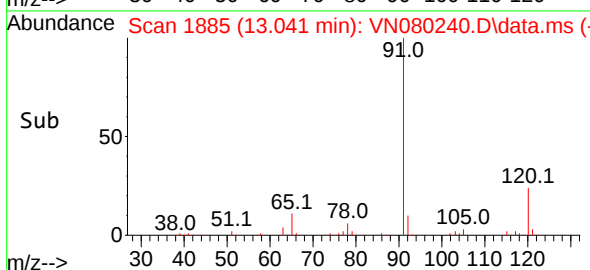
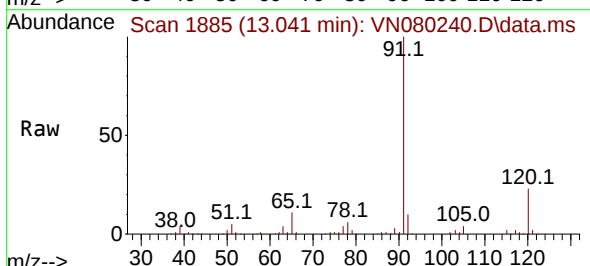
RT: 13.041 min Scan# 1885

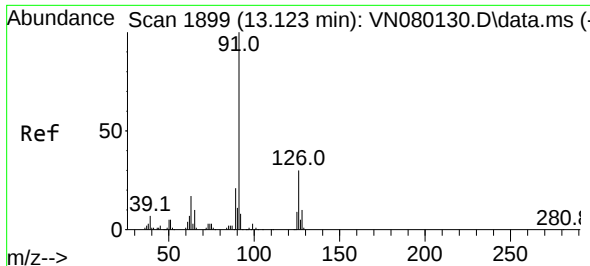
Delta R.T. 0.006 min

Lab File: VN080240.D

Acq: 22 Nov 2023 12:07

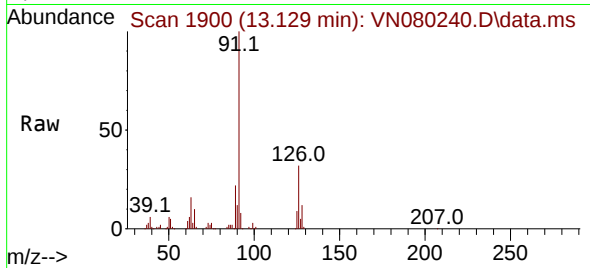
Tgt Ion: 91 Resp: 244639
 Ion Ratio Lower Upper
 91 100
 120 22.9 11.5 34.4





#79
2-Chlorotoluene
Concen: 18.472 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

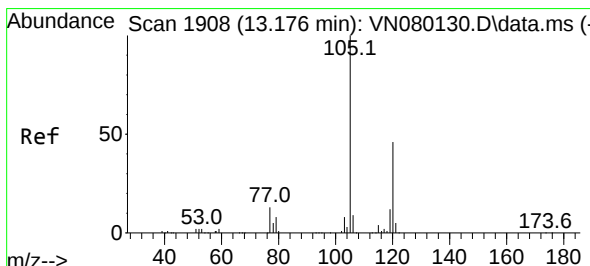
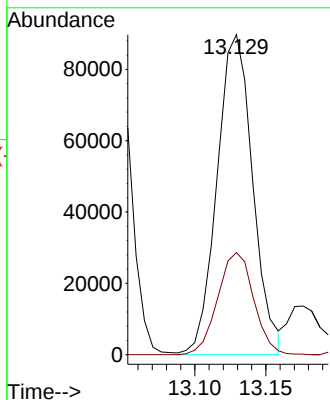
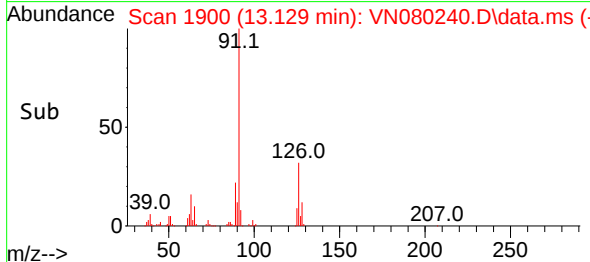
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion: 91 Resp: 15685
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8

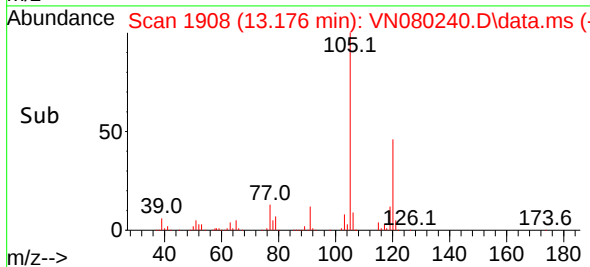
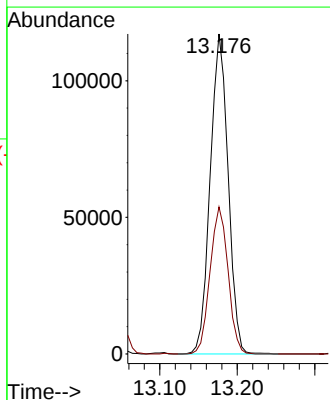
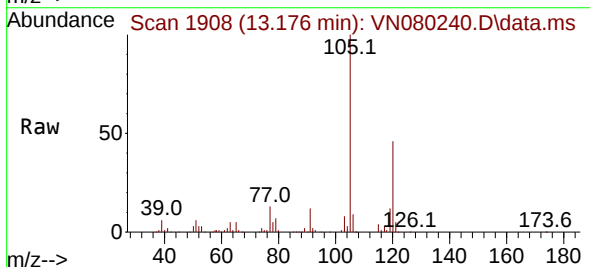
Manual Integrations
APPROVED

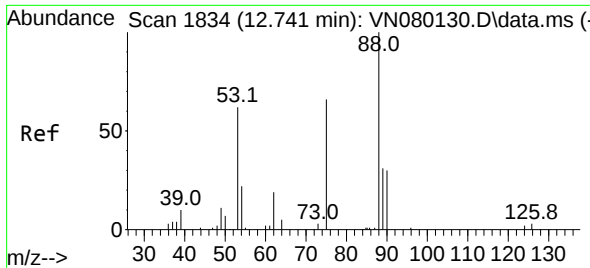
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 18.479 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

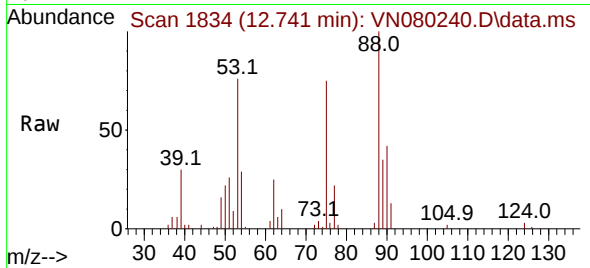
Tgt Ion:105 Resp: 188077
Ion Ratio Lower Upper
105 100
120 46.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.011 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

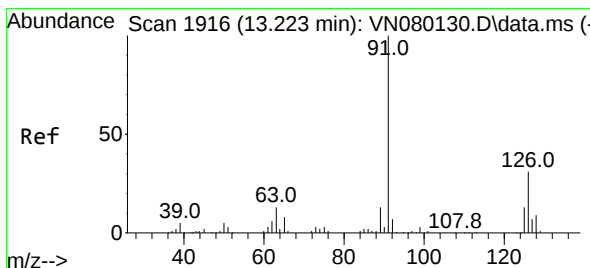
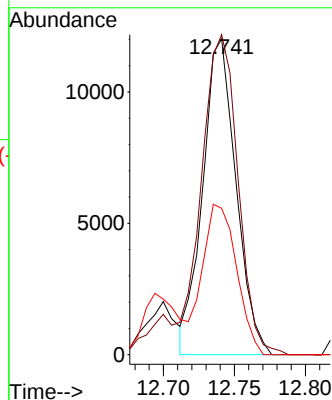
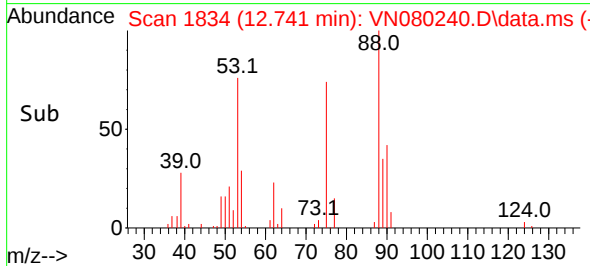
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion: 75 Resp: 1965
Ion Ratio Lower Upper
75 100
53 121.3 67.4 101.2
89 48.1 38.8 58.2

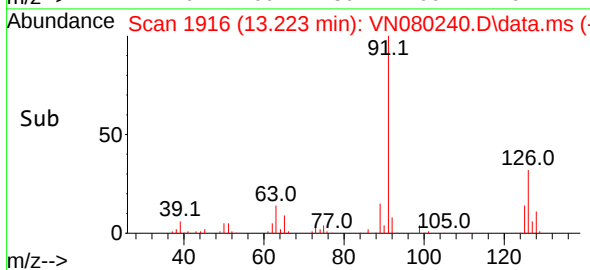
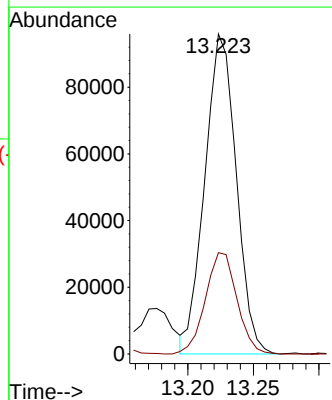
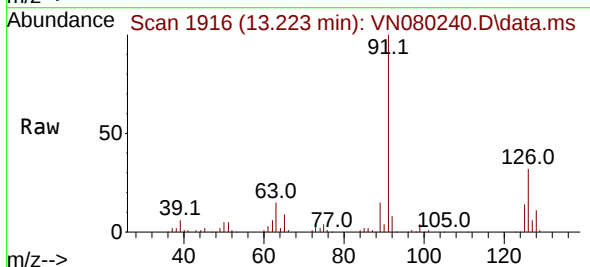
Manual Integrations
APPROVED

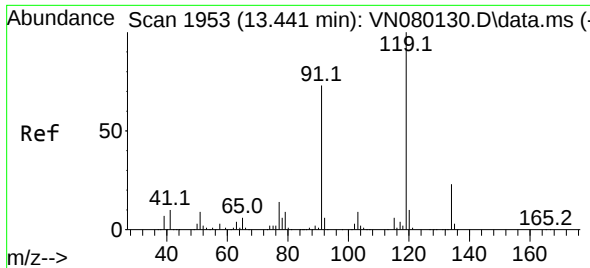
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#82
4-Chlorotoluene
Concen: 18.408 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

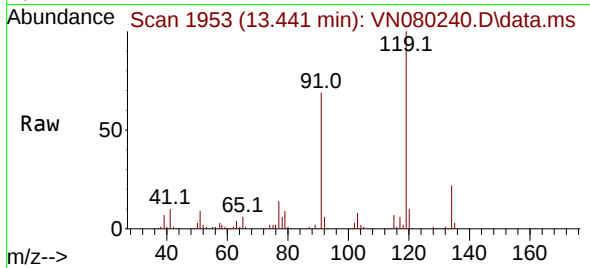
Tgt Ion: 91 Resp: 160140
Ion Ratio Lower Upper
91 100
126 31.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.811 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

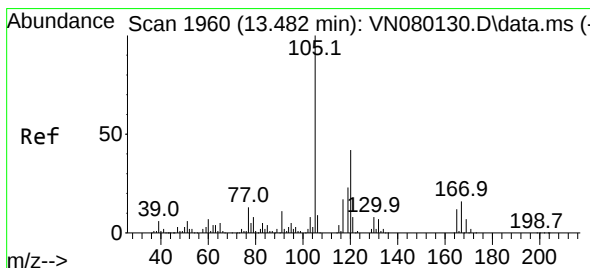
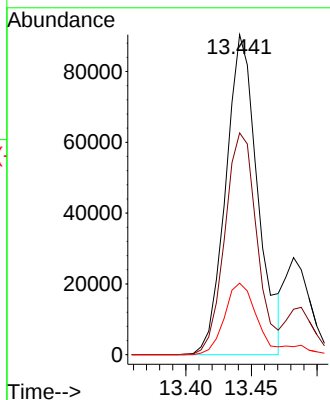
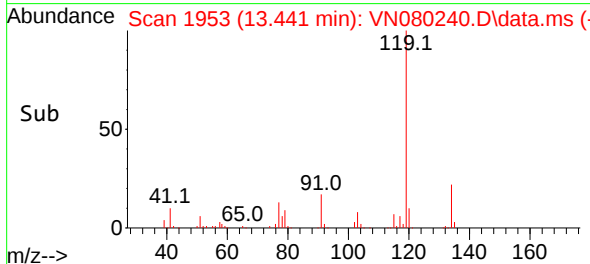
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



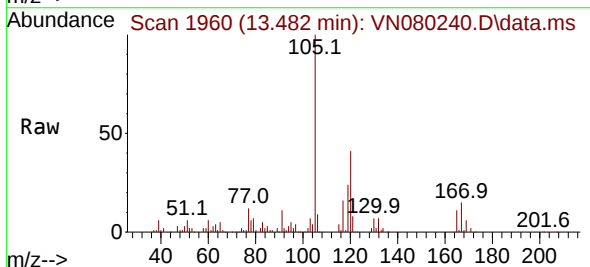
Tgt Ion:119 Resp: 15353
Ion Ratio Lower Upper
119 100
91 69.6 33.9 101.7
134 22.2 13.2 39.6

Manual Integrations
APPROVED

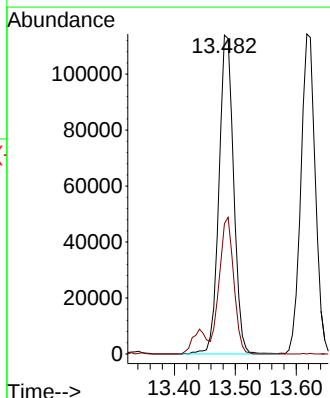
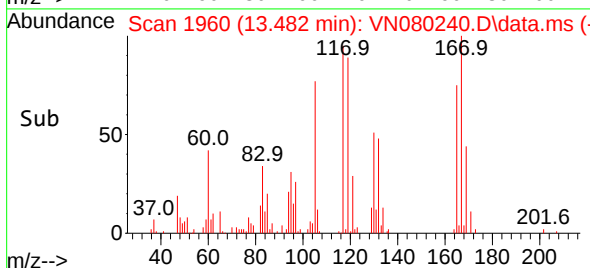
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

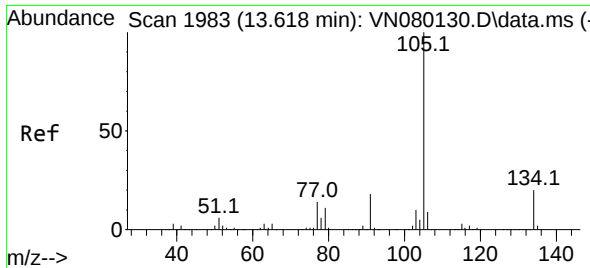


#84
1,2,4-Trimethylbenzene
Concen: 19.021 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07



Tgt Ion:105 Resp: 190629
Ion Ratio Lower Upper
105 100
120 41.9 22.0 66.0





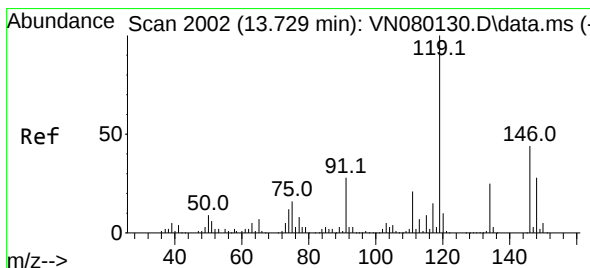
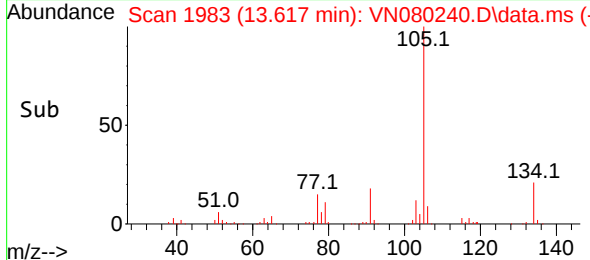
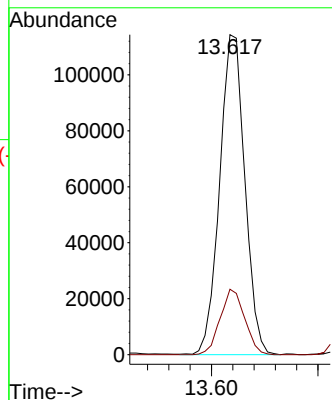
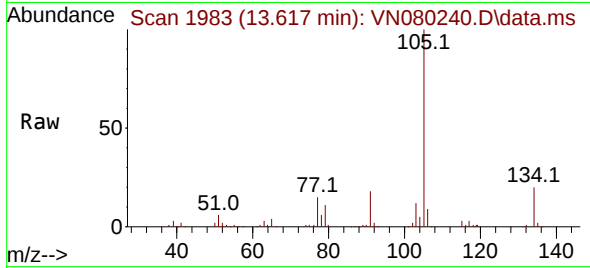
#85
 sec-Butylbenzene
 Concen: 18.157 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080240.D
 Acq: 22 Nov 2023 12:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBSD01

Tgt Ion:105 Resp: 187475
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

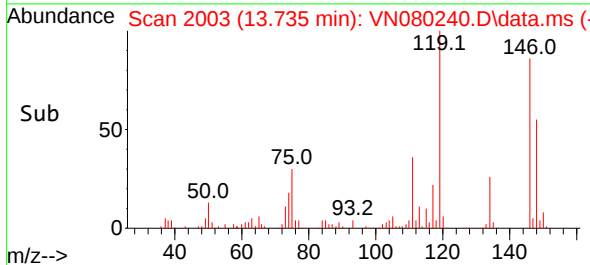
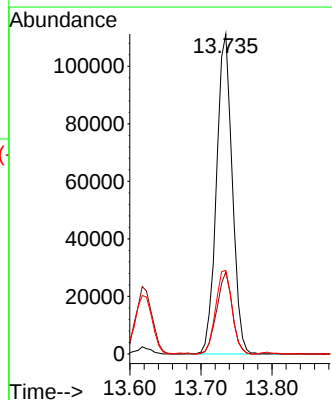
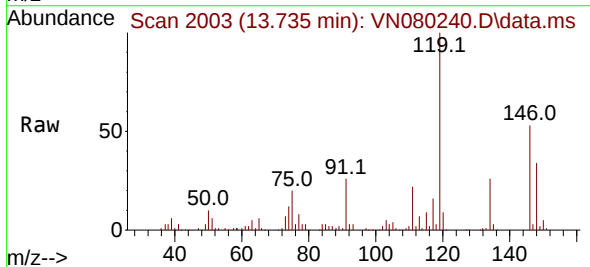
Manual Integrations
 APPROVED

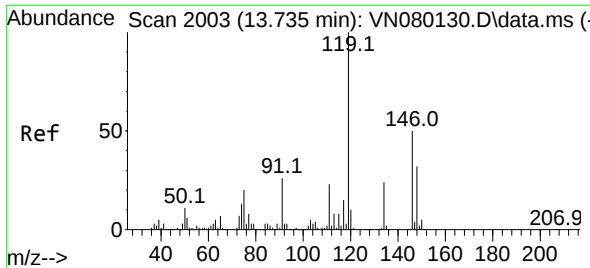
Reviewed By :John Carlone 11/24/2023
 Supervised By :Mahesh Dadoda 11/24/2023



#86
 p-Isopropyltoluene
 Concen: 18.510 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080240.D
 Acq: 22 Nov 2023 12:07

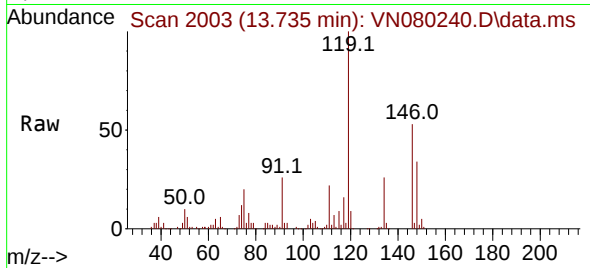
Tgt Ion:119 Resp: 170722
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 27.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.351 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

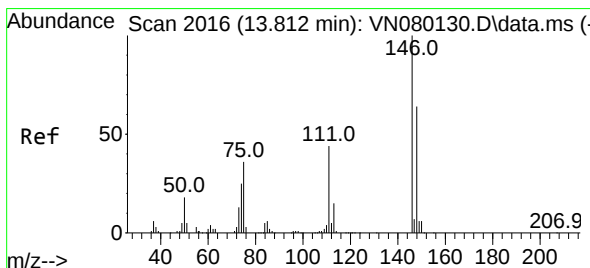
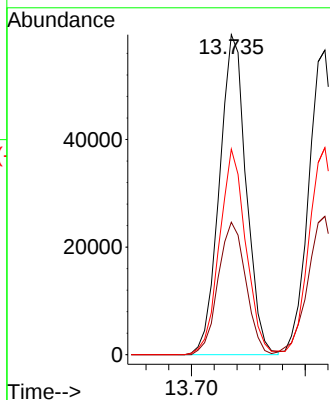
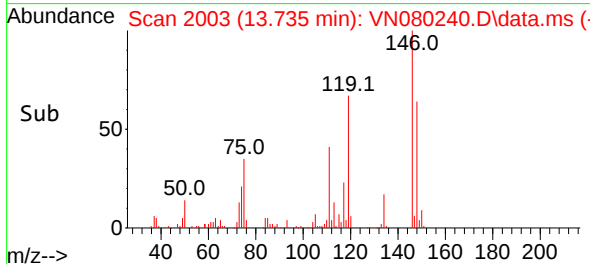
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



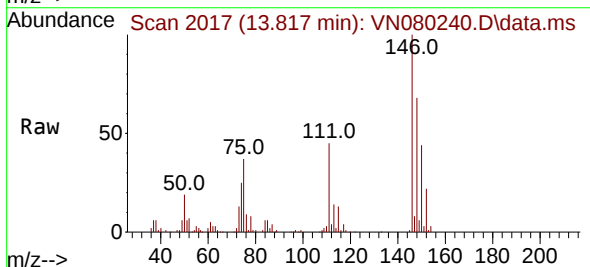
Tgt Ion:146 Resp: 97463
Ion Ratio Lower Upper
146 100
111 42.7 22.1 66.3
148 63.9 32.0 96.0

Manual Integrations
APPROVED

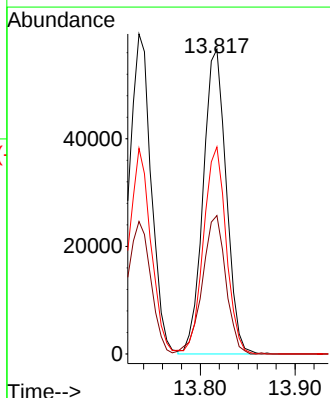
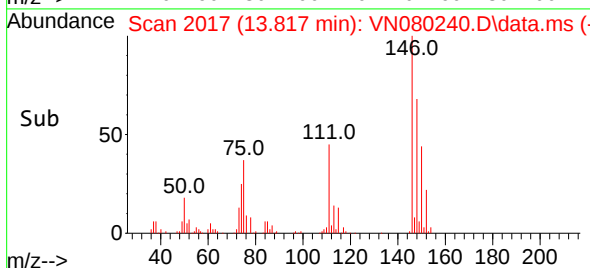
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

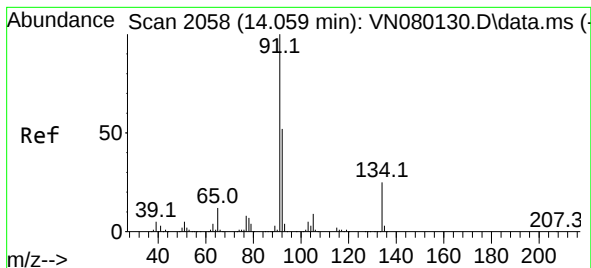


#88
1,4-Dichlorobenzene
Concen: 17.943 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07



Tgt Ion:146 Resp: 95765
Ion Ratio Lower Upper
146 100
111 46.2 20.6 61.8
148 66.7 31.6 94.8





#89

n-Butylbenzene

Concen: 17.342 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080240.D

Acq: 22 Nov 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBSD01

Tgt Ion: 91 Resp: 133880

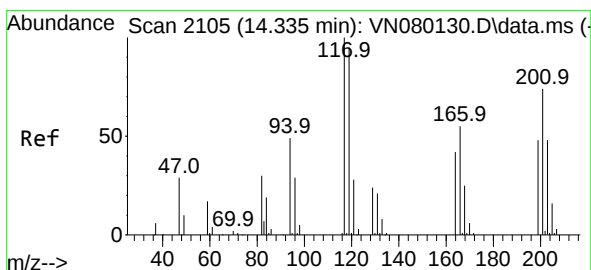
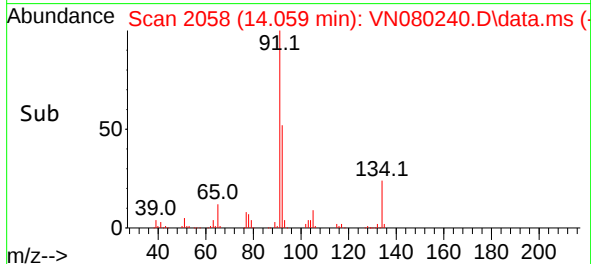
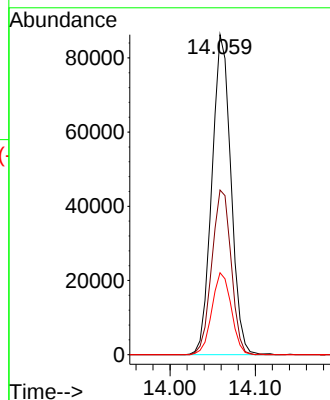
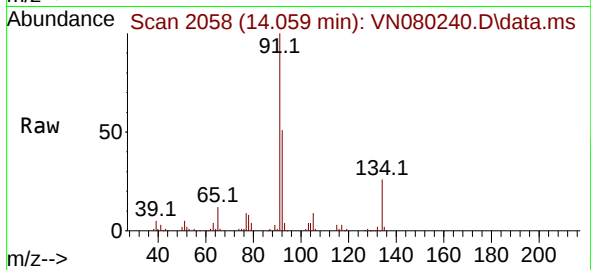
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.4	79.0
134	26.1	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2023

Supervised By :Mahesh Dadoda 11/24/2023



#90

Hexachloroethane

Concen: 17.166 ug/l

RT: 14.341 min Scan# 2106

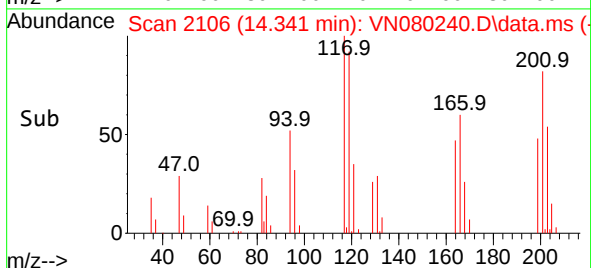
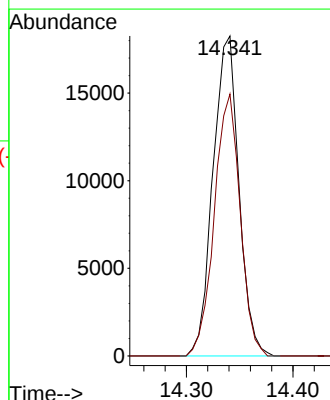
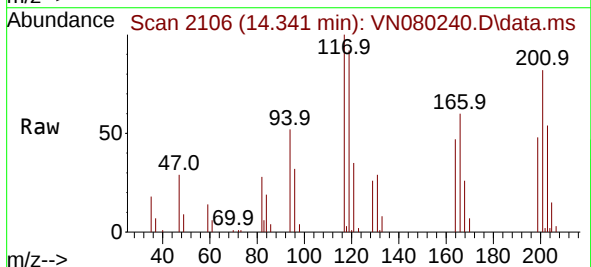
Delta R.T. 0.006 min

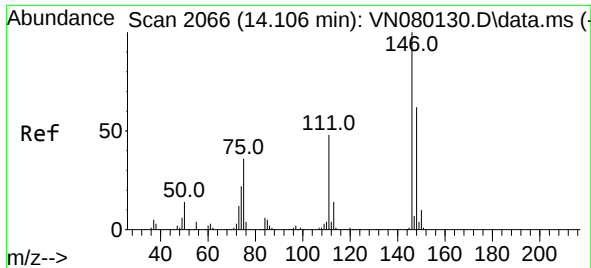
Lab File: VN080240.D

Acq: 22 Nov 2023 12:07

Tgt Ion:117 Resp: 30867

Ion	Ratio	Lower	Upper
117	100		
201	81.5	29.3	88.0





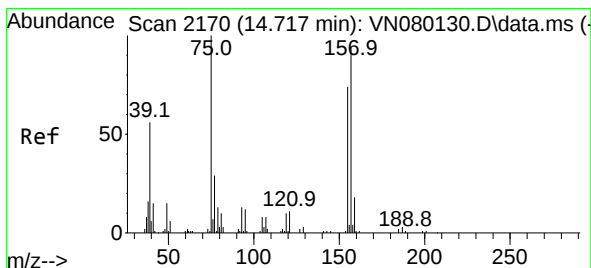
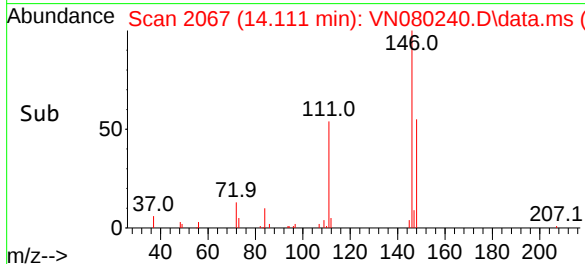
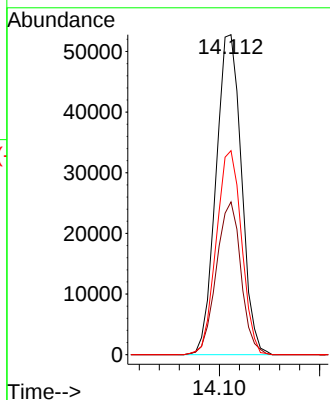
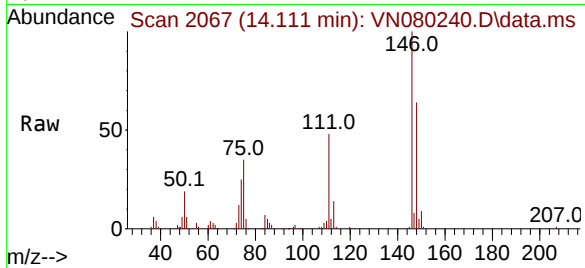
#91
1,2-Dichlorobenzene
Concen: 18.340 ug/l
RT: 14.111 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01

Tgt Ion:146 Resp: 93210
Ion Ratio Lower Upper
146 100
111 46.2 22.0 66.0
148 63.3 31.8 95.3

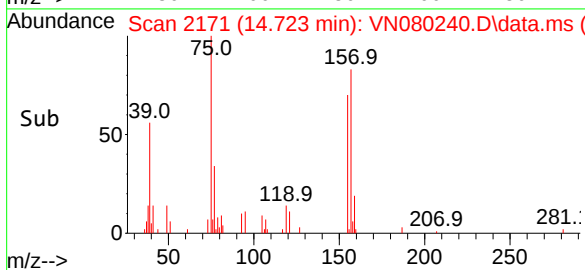
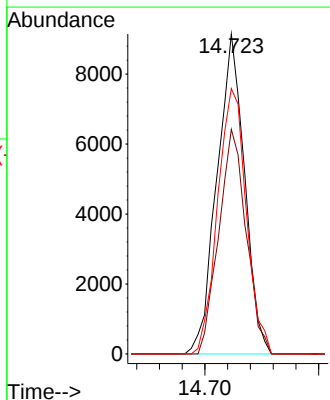
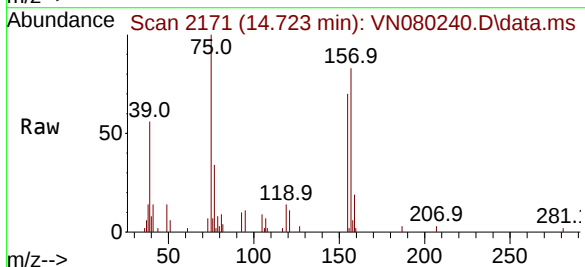
Manual Integrations
APPROVED

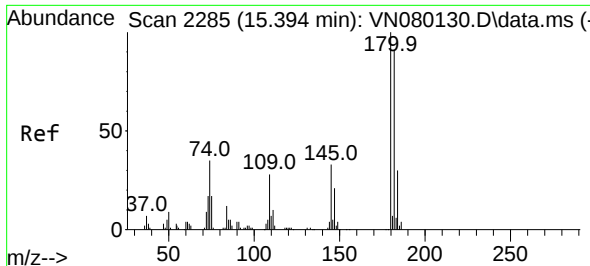
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.940 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

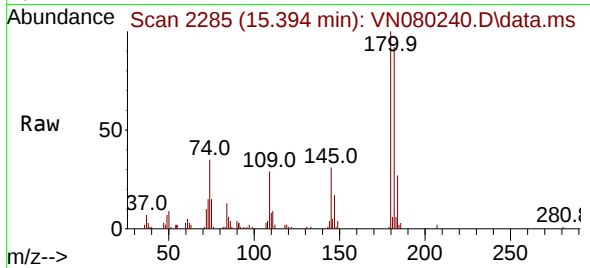
Tgt Ion: 75 Resp: 15395
Ion Ratio Lower Upper
75 100
155 69.7 39.1 117.2
157 86.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 16.405 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

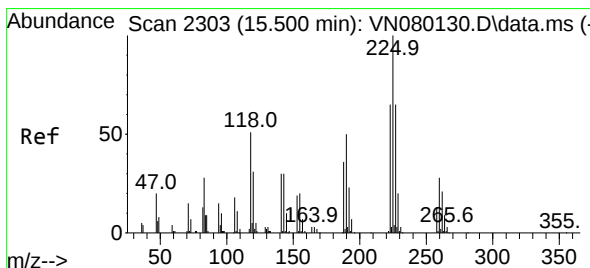
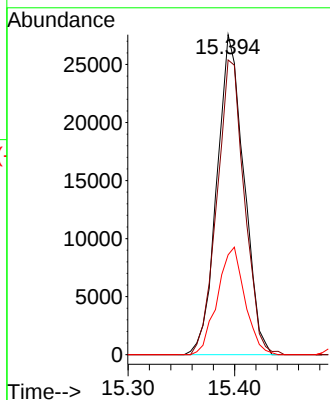
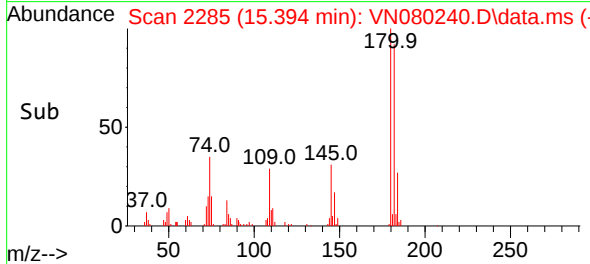
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion:180 Resp: 4849
Ion Ratio Lower Upper
180 100
182 93.4 46.1 138.2
145 34.1 16.6 49.8

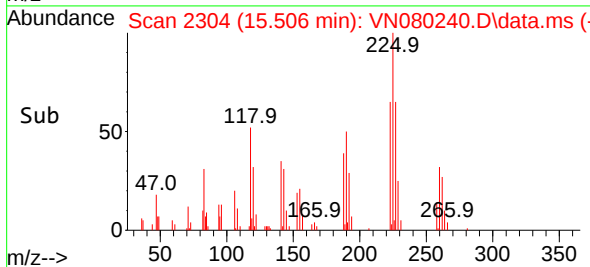
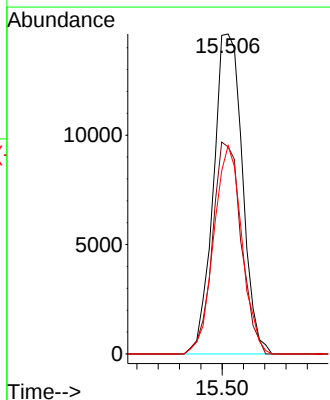
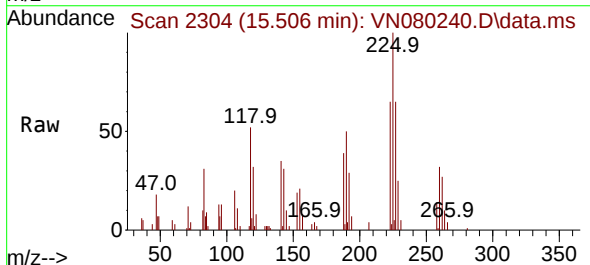
Manual Integrations
APPROVED

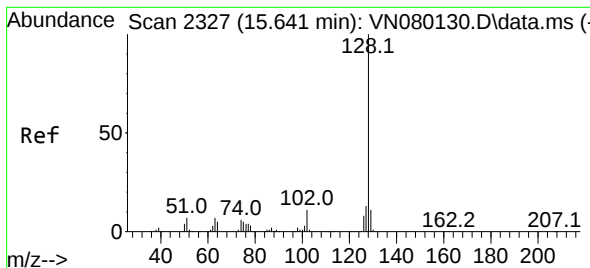
Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023



#94
Hexachlorobutadiene
Concen: 16.256 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

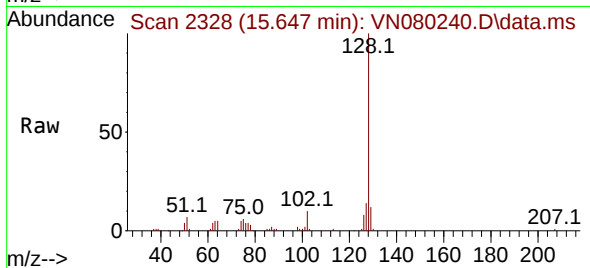
Tgt Ion:225 Resp: 27652
Ion Ratio Lower Upper
225 100
223 65.3 31.3 93.8
227 63.1 31.9 95.9





#95
Naphthalene
Concen: 15.632 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

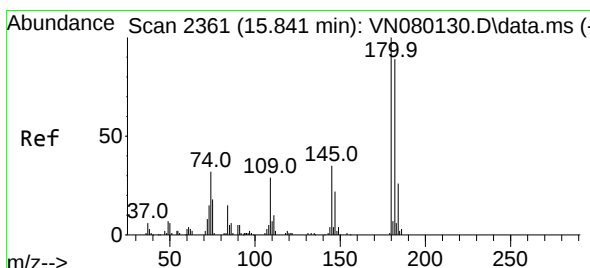
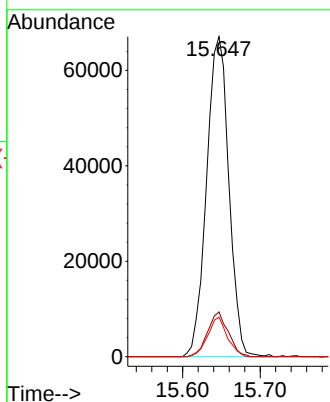
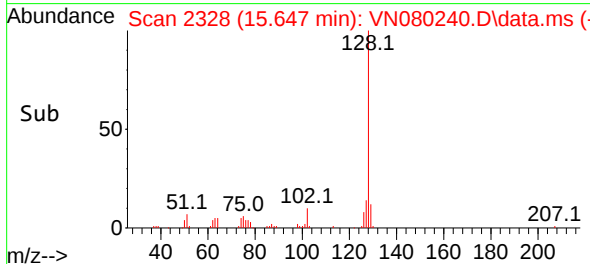
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBSD01



Tgt Ion:128 Resp: 133990
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.8 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: 16.292 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080240.D
Acq: 22 Nov 2023 12:07

Tgt Ion:180 Resp: 45139
Ion Ratio Lower Upper
180 100
182 97.9 46.2 138.6
145 37.0 17.5 52.6

