

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080132.D
 Acq On : 16 Nov 2023 12:46
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Quant Time: Nov 17 01:07:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 00:59:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	252649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	414203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	363687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	168429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	46827	11.225	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	22.460%#		
35) Dibromofluoromethane	8.171	113	33010	10.801	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	21.600%#		
50) Toluene-d8	10.571	98	115231	10.459	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	20.920%#		
62) 4-Bromofluorobenzene	12.853	95	42712	10.264	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	20.520%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	37390	9.935	ug/l	99
3) Chloromethane	2.359	50	28881	10.207	ug/l	95
4) Vinyl Chloride	2.518	62	30425	10.161	ug/l	94
5) Bromomethane	2.959	94	20956	10.309	ug/l	97
6) Chloroethane	3.124	64	21821	10.599	ug/l	98
7) Trichlorofluoromethane	3.500	101	60342	9.661	ug/l	99
8) Diethyl Ether	3.959	74	17647	9.714	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	27713	9.707	ug/l	97
10) Methyl Iodide	4.594	142	28150	9.124	ug/l #	82
11) Tert butyl alcohol	5.524	59	24122	52.582	ug/l	97
12) 1,1-Dichloroethene	4.342	96	26412	9.891	ug/l	85
13) Acrolein	4.183	56	19757	48.664	ug/l	94
14) Allyl chloride	5.024	41	36057	10.732	ug/l	94
15) Acrylonitrile	5.724	53	63251	51.360	ug/l	99
16) Acetone	4.430	43	60267	43.012	ug/l	96
17) Carbon Disulfide	4.718	76	75151	9.425	ug/l #	93
18) Methyl Acetate	5.030	43	45236	10.048	ug/l	95
19) Methyl tert-butyl Ether	5.800	73	94454	10.016	ug/l	98
20) Methylene Chloride	5.277	84	31197	10.632	ug/l #	87
21) trans-1,2-Dichloroethene	5.794	96	28819	9.824	ug/l #	81
22) Diisopropyl ether	6.671	45	76670	10.315	ug/l #	91
23) Vinyl Acetate	6.606	43	230040	51.483	ug/l	93
24) 1,1-Dichloroethane	6.571	63	53259	9.838	ug/l	98
25) 2-Butanone	7.488	43	77218	46.385	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	51892	9.661	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	32437	9.753	ug/l	85
28) Bromochloromethane	7.812	49	23235	10.917	ug/l	99
29) Tetrahydrofuran	7.841	42	49853	55.779	ug/l	87
30) Chloroform	7.971	83	61173	10.110	ug/l	97
31) Cyclohexane	8.265	56	46227	10.189	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	59014	10.001	ug/l	95
36) 1,1-Dichloropropene	8.377	75	41460	9.370	ug/l	97
37) Ethyl Acetate	7.565	43	30006	9.776	ug/l	97
38) Carbon Tetrachloride	8.365	117	54029	9.622	ug/l	95
39) Methylcyclohexane	9.600	83	40868	9.579	ug/l	93
40) Benzene	8.606	78	123385	9.811	ug/l	93

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	17533	10.402	ug/l	91
42) 1,2-Dichloroethane	8.671	62	50902	9.893	ug/l	94
43) Isopropyl Acetate	8.688	43	58862	9.855	ug/l #	93
44) Trichloroethene	9.359	130	32355	9.808	ug/l	96
45) 1,2-Dichloropropane	9.624	63	28794	9.852	ug/l	97
46) Dibromomethane	9.712	93	22261	10.062	ug/l	90
47) Bromodichloromethane	9.888	83	47879	9.839	ug/l	94
48) Methyl methacrylate	9.682	41	30109	9.782	ug/l	91
49) 1,4-Dioxane	9.700	88	10264	200.447	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	161155	52.116	ug/l	96
52) Toluene	10.635	92	78109	9.924	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	48628	9.726	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	49628	9.715	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	30288	10.083	ug/l	95
56) Ethyl methacrylate	10.876	69	30631	9.982	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	51237	9.769	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	87154	50.412	ug/l	94
59) 2-Hexanone	11.200	43	116126	46.735	ug/l	96
60) Dibromochloromethane	11.359	129	35647	9.912	ug/l	100
61) 1,2-Dibromoethane	11.470	107	30467	9.942	ug/l	95
64) Tetrachloroethene	11.106	164	25906	9.334	ug/l	96
65) Chlorobenzene	11.894	112	79875	9.692	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	31964	9.995	ug/l	92
67) Ethyl Benzene	11.965	91	143126	9.760	ug/l	92
68) m/p-Xylenes	12.076	106	105859	19.799	ug/l	90
69) o-Xylene	12.400	106	50093	9.941	ug/l	89
70) Styrene	12.412	104	72423	9.657	ug/l	92
71) Bromoform	12.582	173	23976	10.110	ug/l #	98
73) Isopropylbenzene	12.700	105	130402	9.963	ug/l	99
74) N-amyl acetate	12.500	43	41839	10.251	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	40949	10.454	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	38568m	9.392	ug/l	
77) Bromobenzene	12.982	156	32953	9.986	ug/l	99
78) n-propylbenzene	13.041	91	145956	9.973	ug/l	100
79) 2-Chlorotoluene	13.123	91	97201	10.226	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	113312	9.946	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	11900	9.742	ug/l #	82
82) 4-Chlorotoluene	13.223	91	98402	10.105	ug/l	96
83) tert-Butylbenzene	13.441	119	89662	9.814	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	110181	9.821	ug/l	98
85) sec-Butylbenzene	13.617	105	113870	9.852	ug/l	99
86) p-Isopropyltoluene	13.729	119	99887	9.674	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	56551	9.512	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	59013	9.877	ug/l	95
89) n-Butylbenzene	14.059	91	80608	9.328	ug/l	98
90) Hexachloroethane	14.335	117	19541	9.708	ug/l	75
91) 1,2-Dichlorobenzene	14.106	146	55612	9.775	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9109	10.011	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	30321	9.164	ug/l	98
94) Hexachlorobutadiene	15.506	225	17178	9.021	ug/l	98
95) Naphthalene	15.647	128	90640	9.447	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	29407	9.482	ug/l	94

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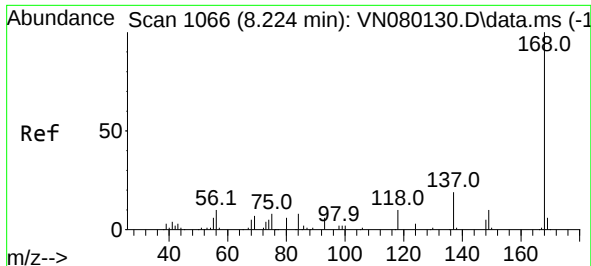
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Nov 17 00:59:02 2023
Response via : Initial Calibration

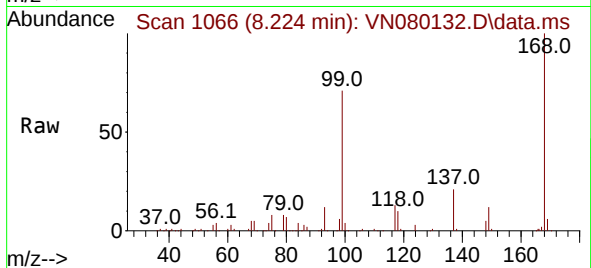
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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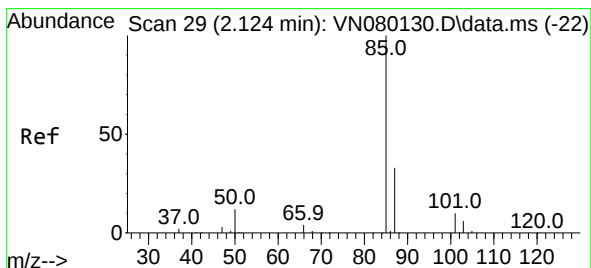
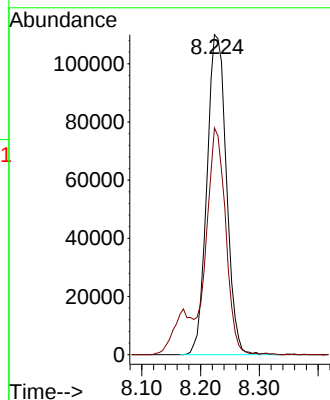
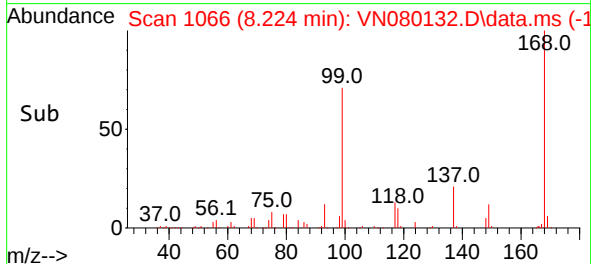
Instrument :
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Tgt Ion:168 Resp: 252649
Ion Ratio Lower Upper
168 100
99 70.9 53.0 79.6

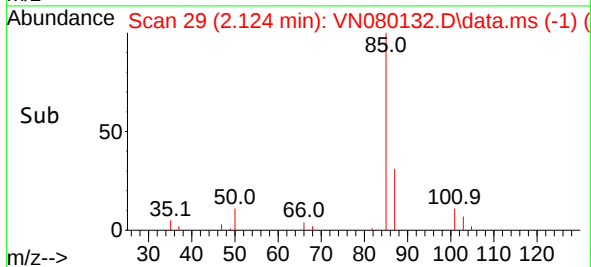
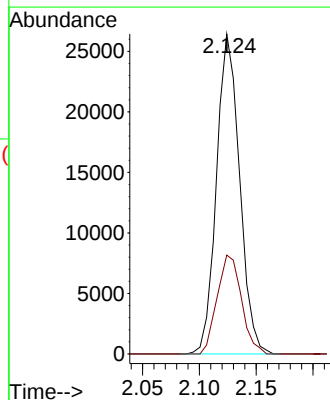
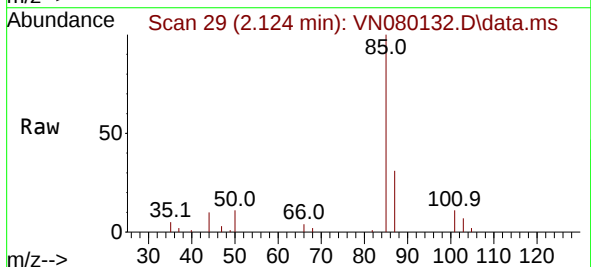
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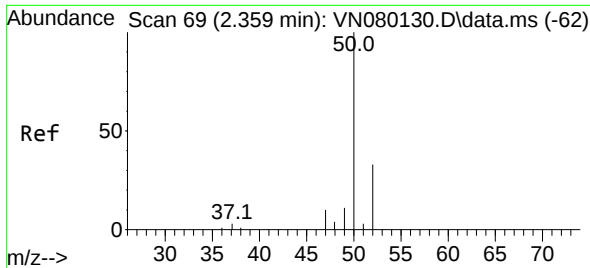
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#2
Dichlorodifluoromethane
Concen: 9.935 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Tgt Ion: 85 Resp: 37390
Ion Ratio Lower Upper
85 100
87 30.9 15.8 47.4





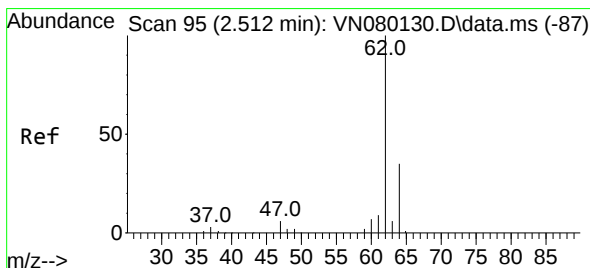
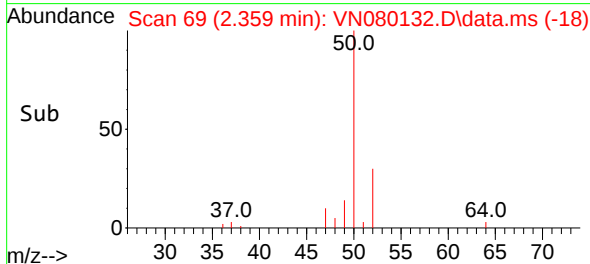
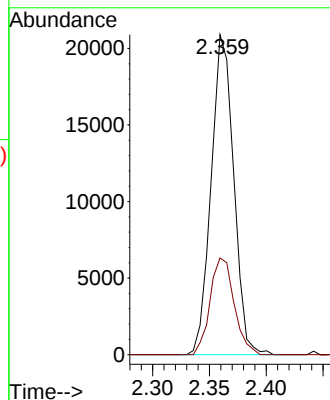
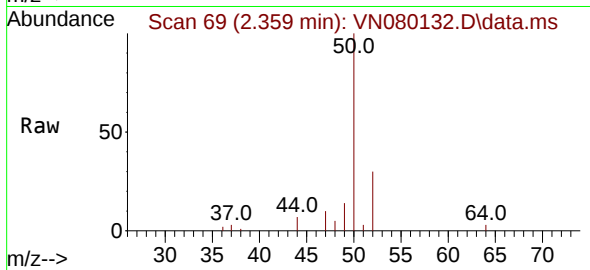
#3
Chloromethane
Concen: 10.207 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 2888
Ion Ratio Lower Upper
50 100
52 30.2 26.5 39.7

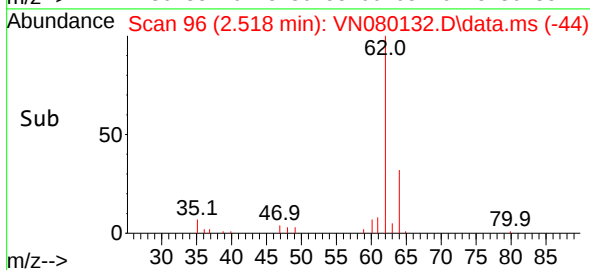
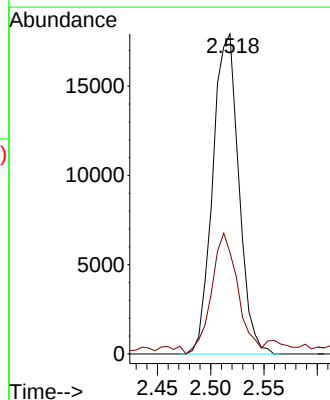
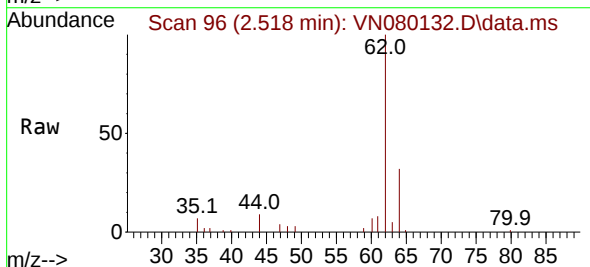
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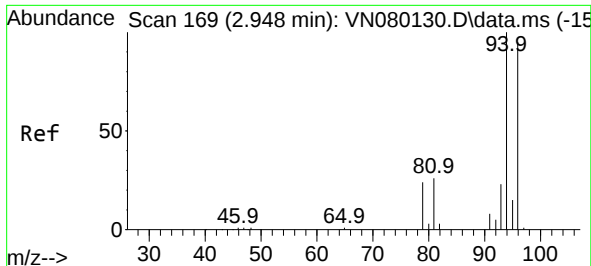
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#4
Vinyl Chloride
Concen: 10.161 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Tgt Ion: 62 Resp: 30425
Ion Ratio Lower Upper
62 100
64 29.3 26.2 39.2





#5

Bromomethane

Concen: 10.309 ug/l

RT: 2.959 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN080132.D

Acq: 16 Nov 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 94 Resp: 2095

Ion Ratio Lower Upper

94 100

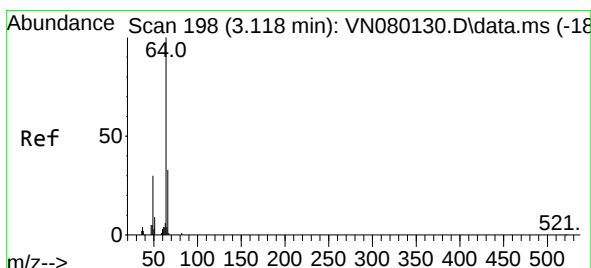
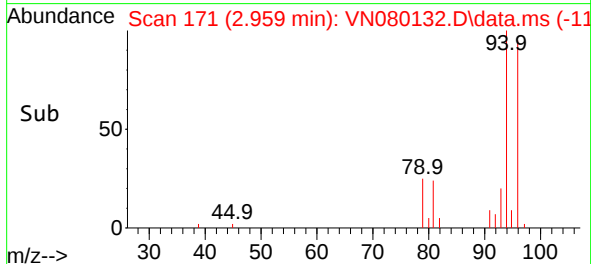
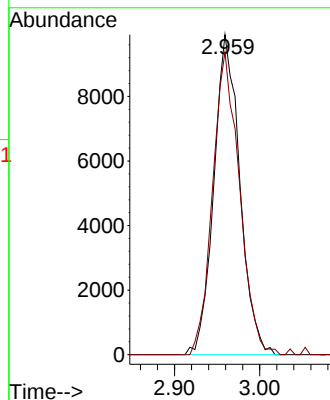
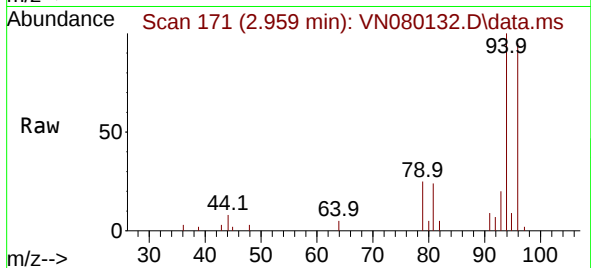
96 94.6 73.1 109.7

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#6

Chloroethane

Concen: 10.599 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.006 min

Lab File: VN080132.D

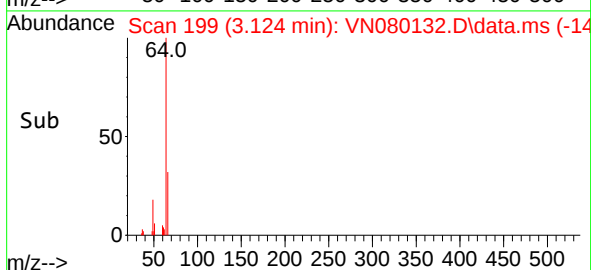
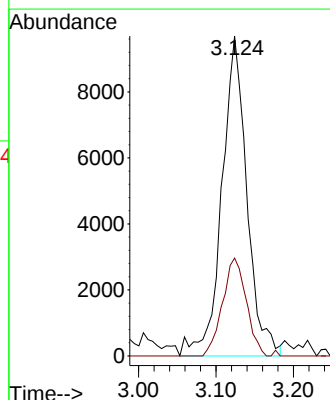
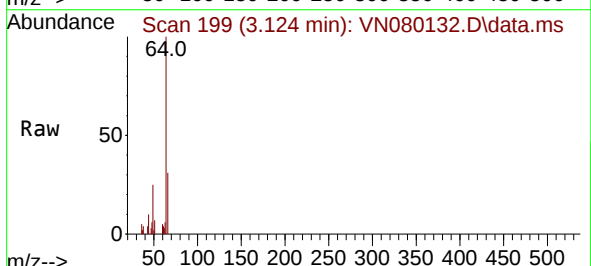
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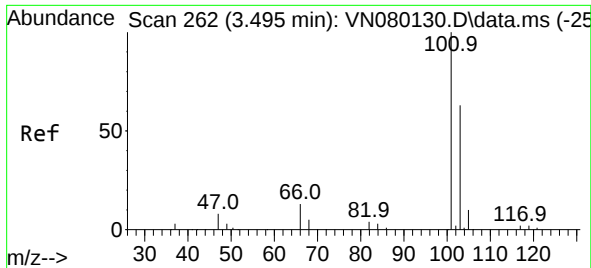
Tgt Ion: 64 Resp: 21821

Ion Ratio Lower Upper

64 100

66 30.6 25.4 38.2





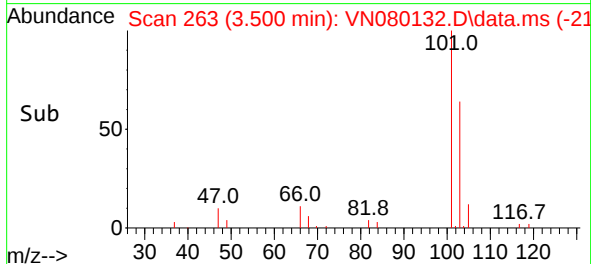
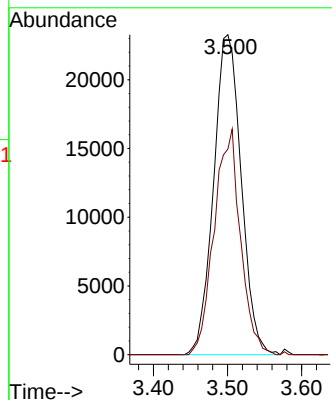
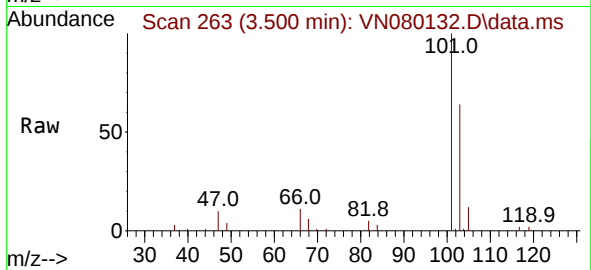
#7
 Trichlorofluoromethane
 Concen: 9.661 ug/l
 RT: 3.500 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VN080132.D
 Acq: 16 Nov 2023 12:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:101 Resp: 6034
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.7 76.1

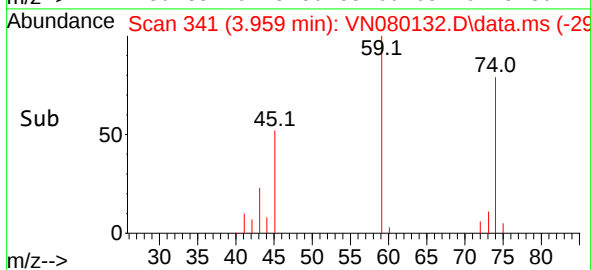
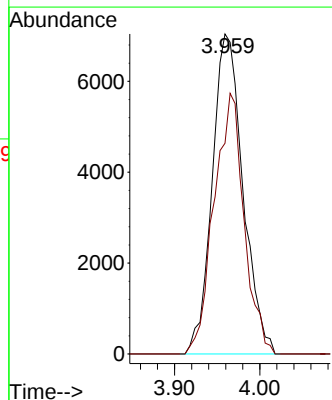
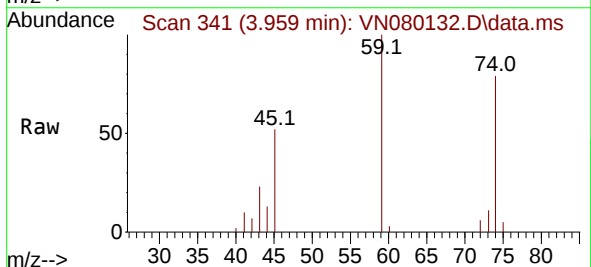
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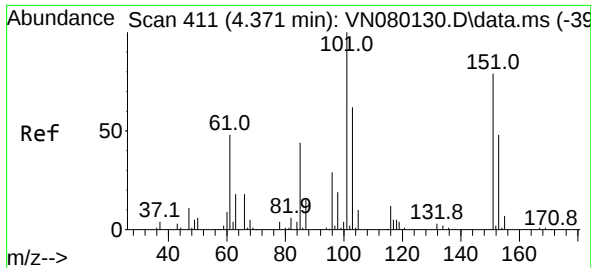
Reviewed By :John Carlone 11/17/2023
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#8
 Diethyl Ether
 Concen: 9.714 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 17647
 Ion Ratio Lower Upper
 74 100
 45 79.3 34.4 103.3





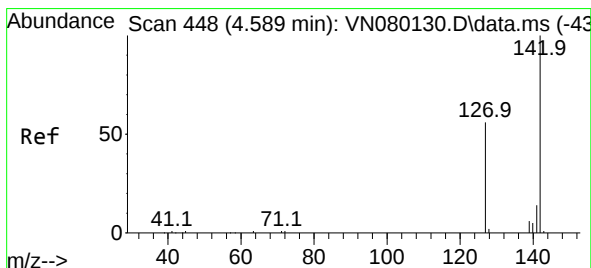
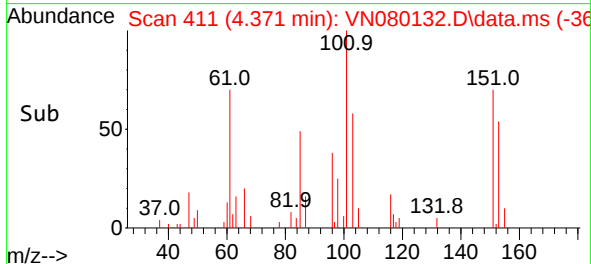
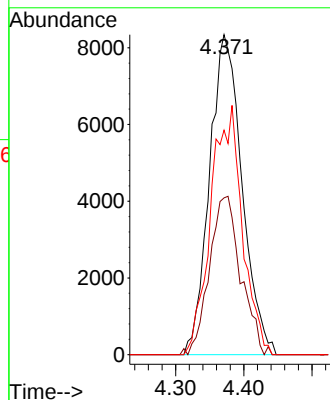
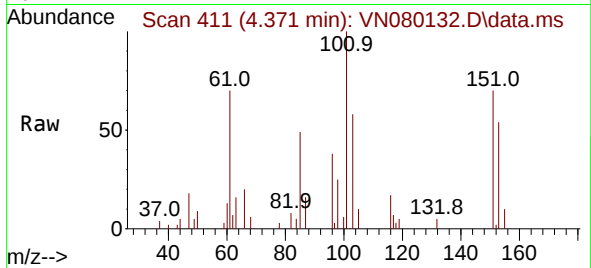
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.707 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Instrument :
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Tgt Ion:101 Resp: 2771
Ion Ratio Lower Upper
101 100
85 47.8 36.6 55.0
151 75.1 57.6 86.4

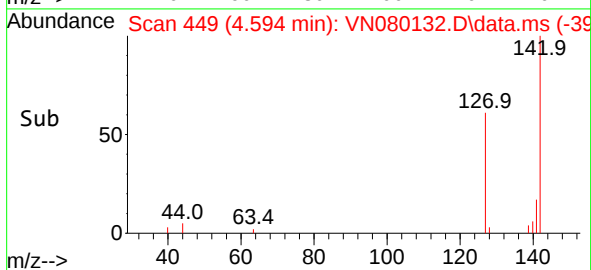
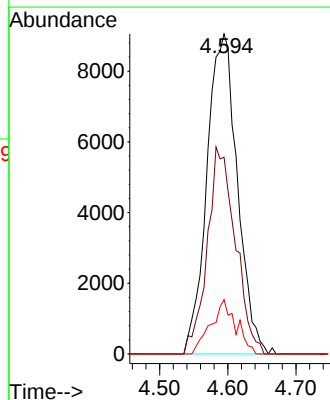
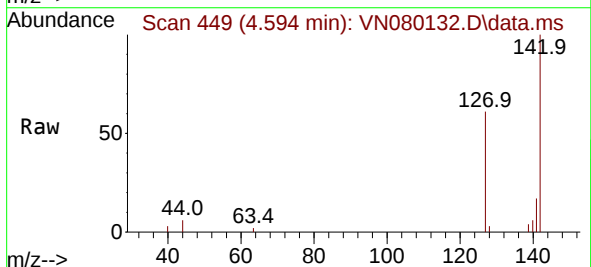
Manual Integrations
APPROVED

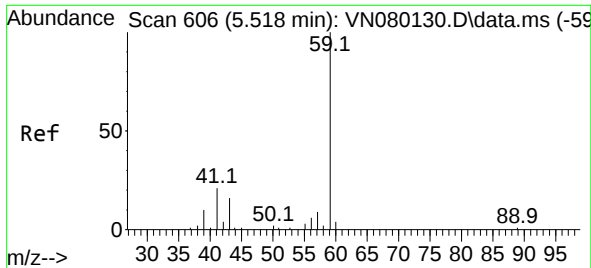
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#10
Methyl Iodide
Concen: 9.124 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Tgt Ion:142 Resp: 28150
Ion Ratio Lower Upper
142 100
127 61.5 37.6 56.4#
141 17.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 52.582 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

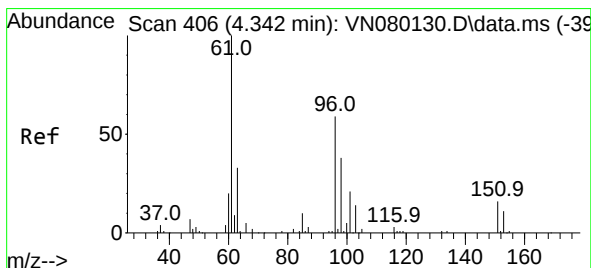
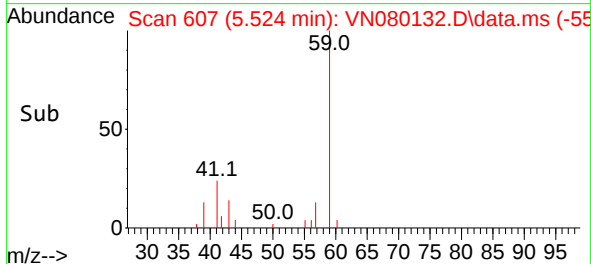
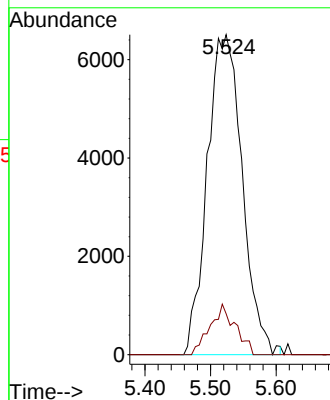
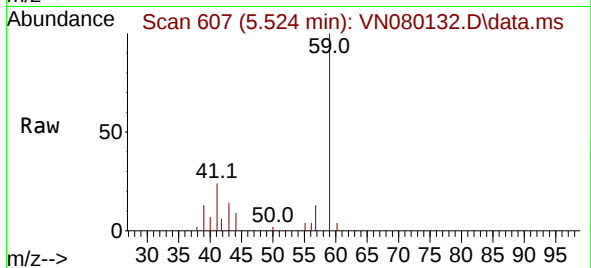
VSTDIC010

Tgt Ion: 59 Resp: 2412
Ion Ratio Lower Upper
59 100
57 11.4 8.2 12.4

Manual Integrations

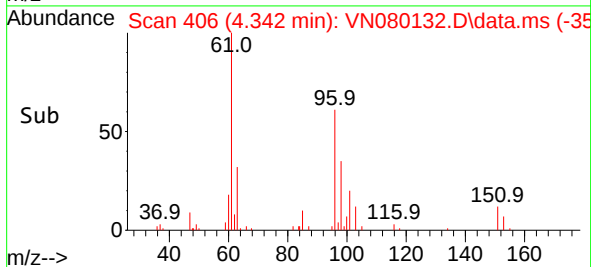
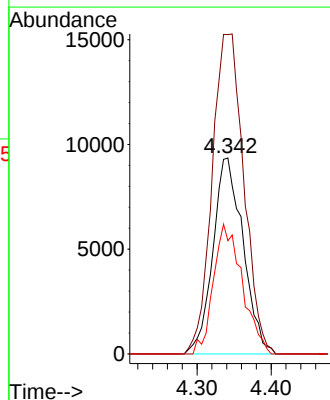
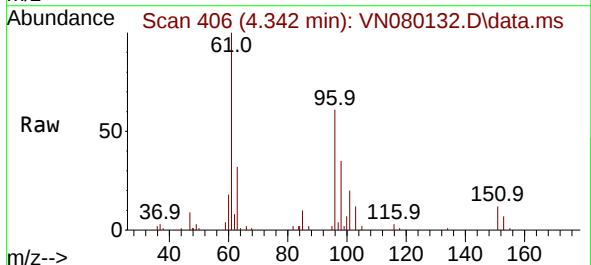
APPROVED

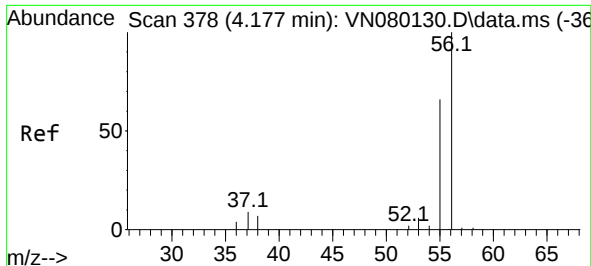
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#12
1,1-Dichloroethene
Concen: 9.891 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

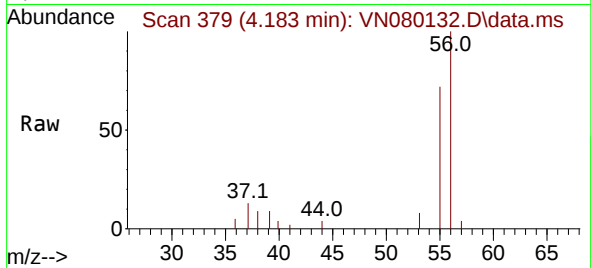
Tgt Ion: 96 Resp: 26412
Ion Ratio Lower Upper
96 100
61 163.0 112.7 169.1
98 57.8 51.2 76.8





#13
Acrolein
Concen: 48.664 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

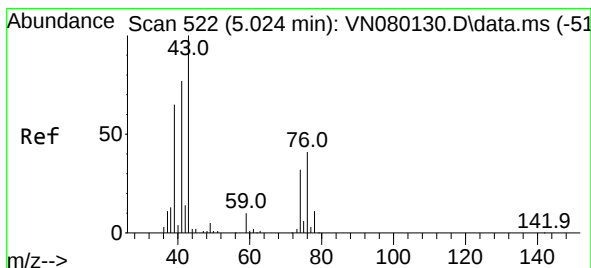
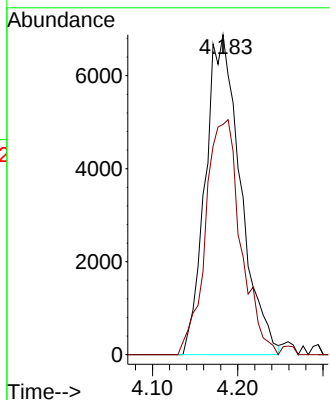
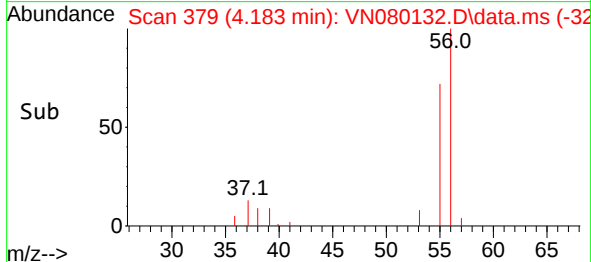
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 1975
Ion Ratio Lower Upper
56 100
55 73.2 54.5 81.7

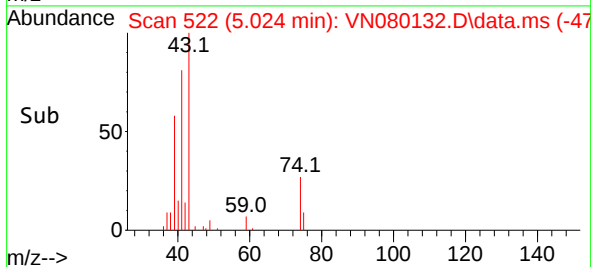
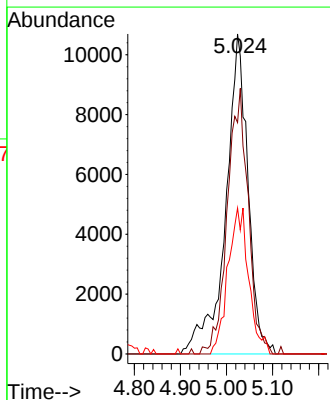
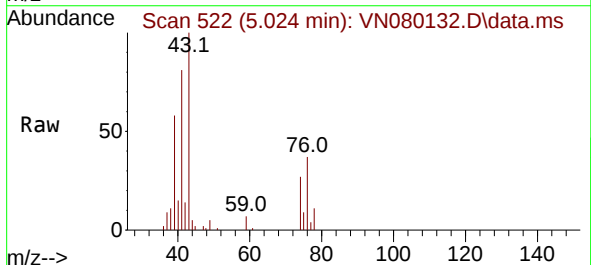
Manual Integrations
APPROVED

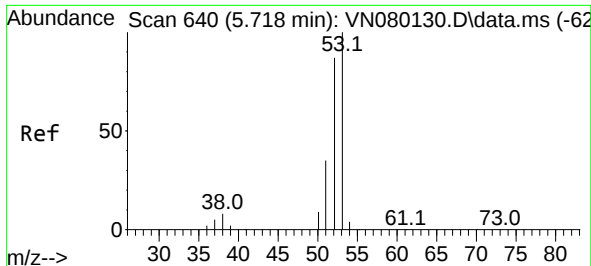
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#14
Allyl chloride
Concen: 10.732 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Tgt Ion: 41 Resp: 36057
Ion Ratio Lower Upper
41 100
39 77.0 58.8 88.2
76 42.4 39.1 58.7





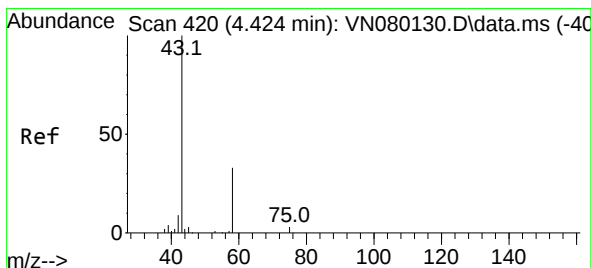
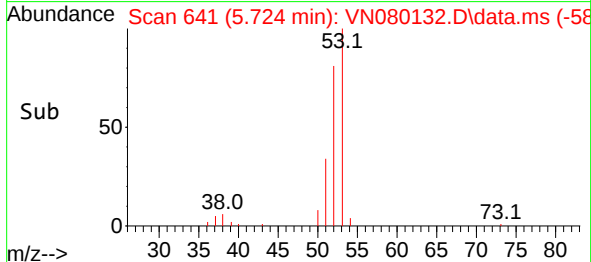
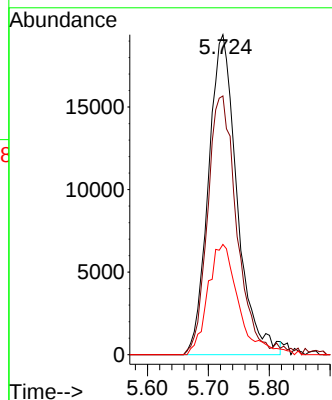
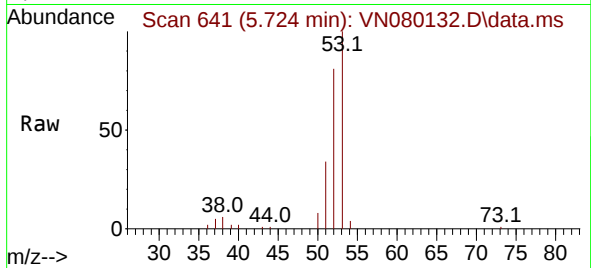
#15
Acrylonitrile
Concen: 51.360 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 53 Resp: 6325
Ion Ratio Lower Upper
53 100
52 81.7 65.3 97.9
51 37.2 28.9 43.3

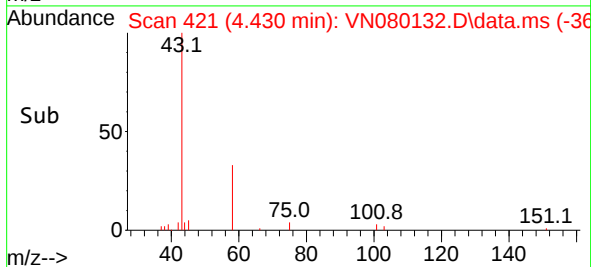
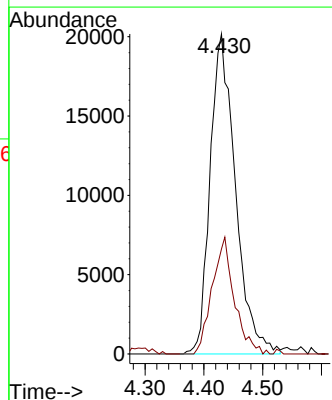
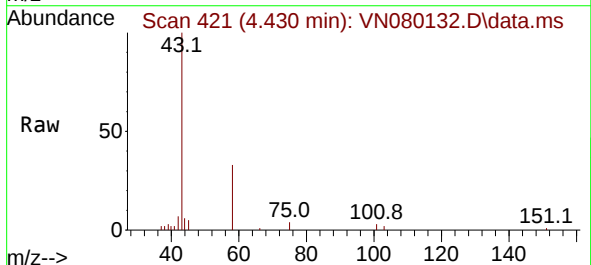
Manual Integrations
APPROVED

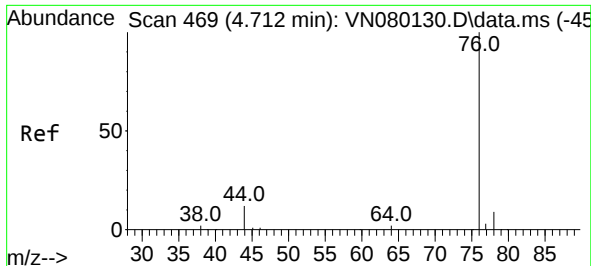
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#16
Acetone
Concen: 43.012 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Tgt Ion: 43 Resp: 60267
Ion Ratio Lower Upper
43 100
58 32.8 28.0 42.0





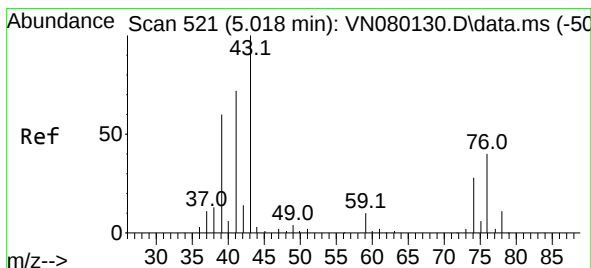
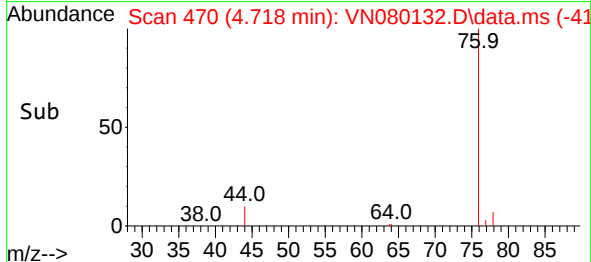
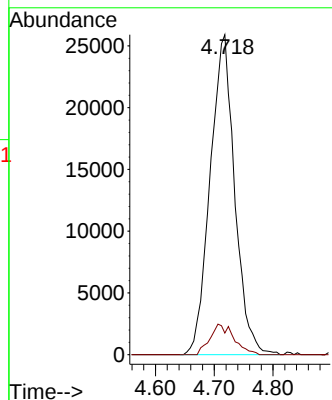
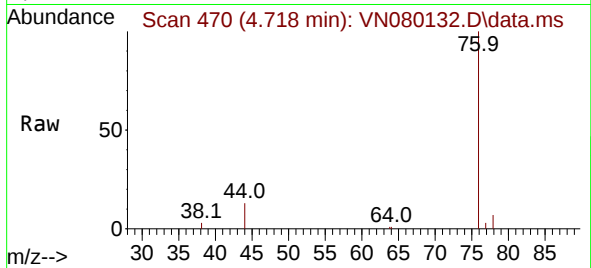
#17
Carbon Disulfide
Concen: 9.425 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 7515
Ion Ratio Lower Upper
76 100
78 6.7 7.4 11.0

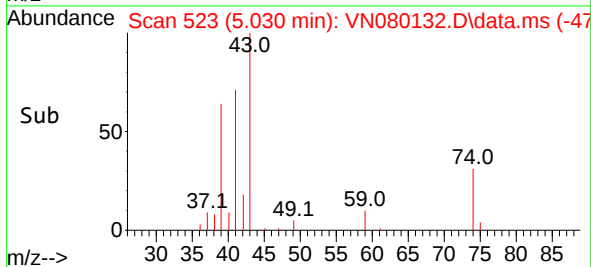
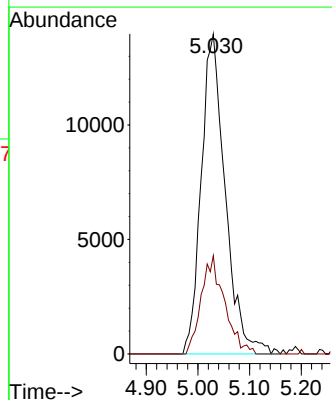
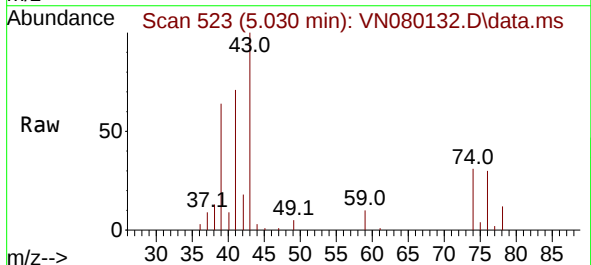
Manual Integrations
APPROVED

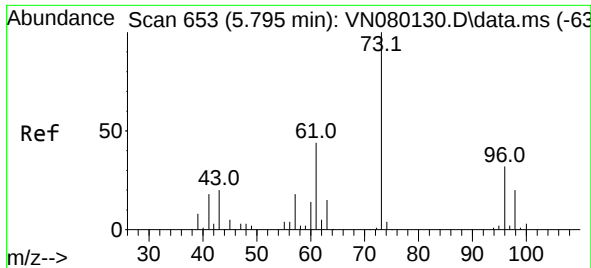
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#18
Methyl Acetate
Concen: 10.048 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Tgt Ion: 43 Resp: 45236
Ion Ratio Lower Upper
43 100
74 29.7 26.2 39.4





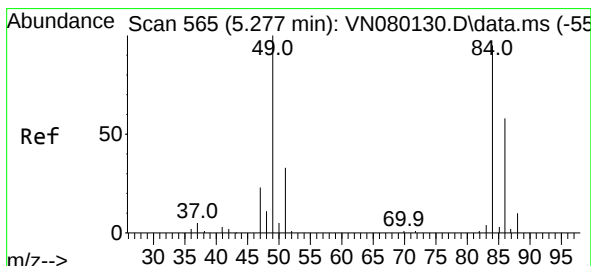
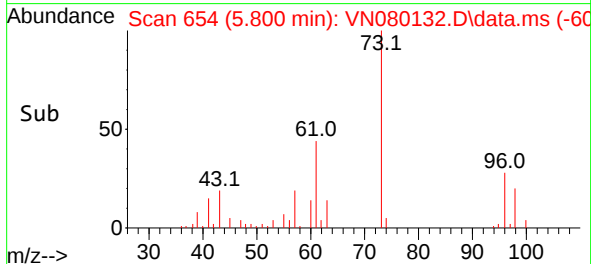
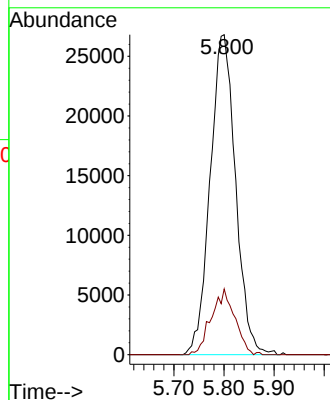
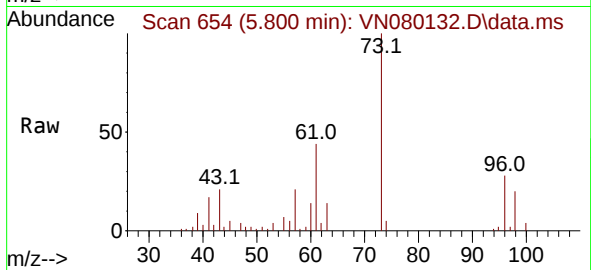
#19
Methyl tert-butyl Ether
Concen: 10.016 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 94454
Ion Ratio Lower Upper
73 100
57 20.6 15.6 23.4

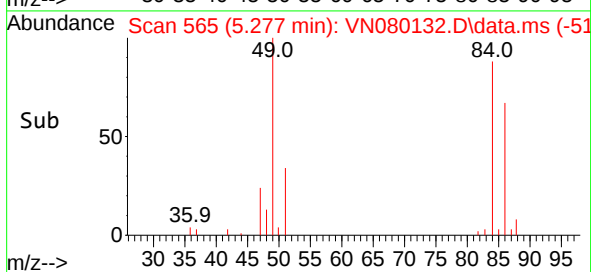
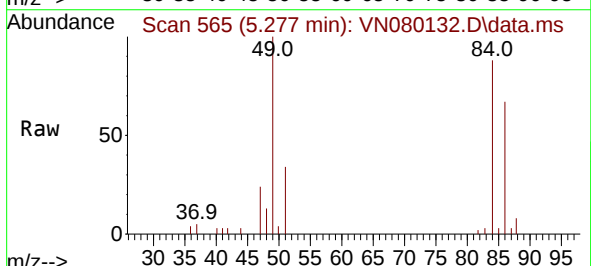
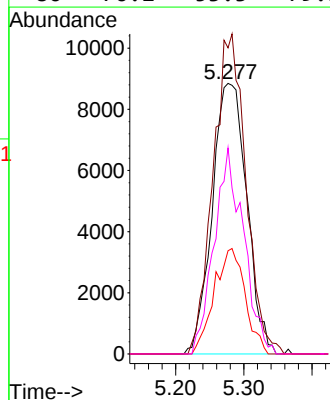
Manual Integrations
APPROVED

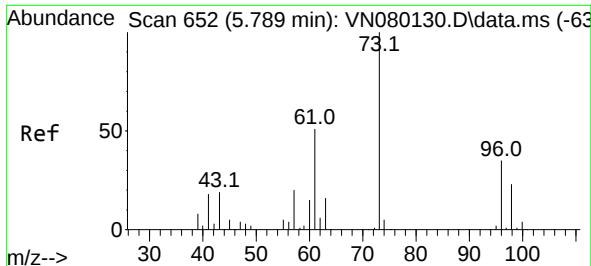
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#20
Methylene Chloride
Concen: 10.632 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

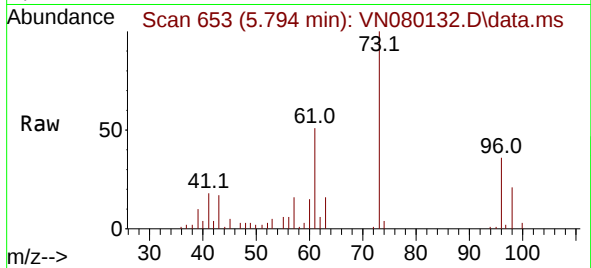
Tgt Ion: 84 Resp: 31197
Ion Ratio Lower Upper
84 100
49 113.1 79.7 119.5
51 38.2 25.2 37.8#
86 76.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 9.824 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

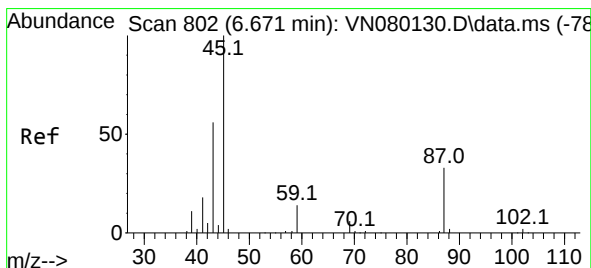
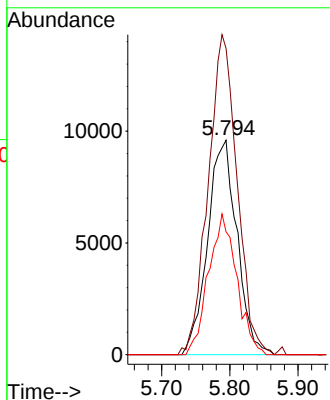
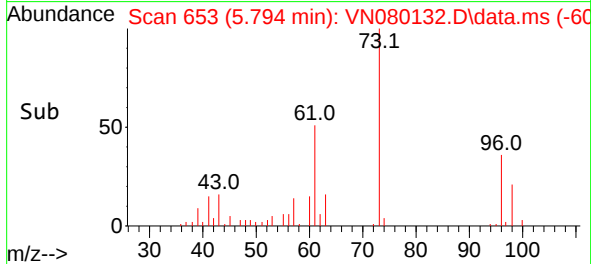
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



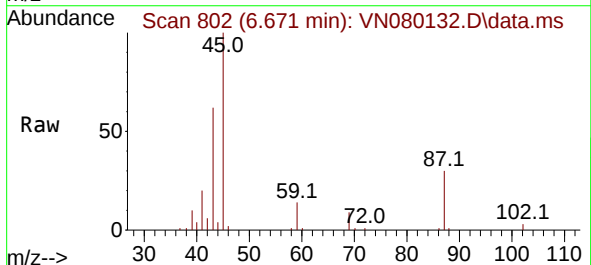
Tgt Ion: 96 Resp: 28819
Ion Ratio Lower Upper
96 100
61 142.9 90.1 135.1
98 57.3 46.4 69.6

Manual Integrations
APPROVED

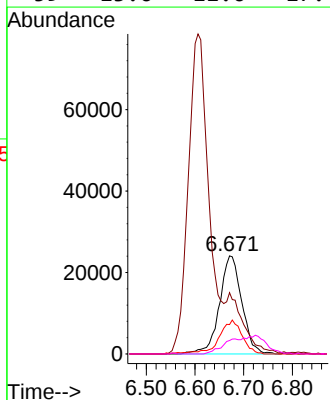
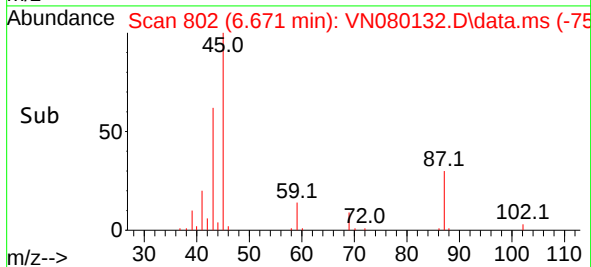
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

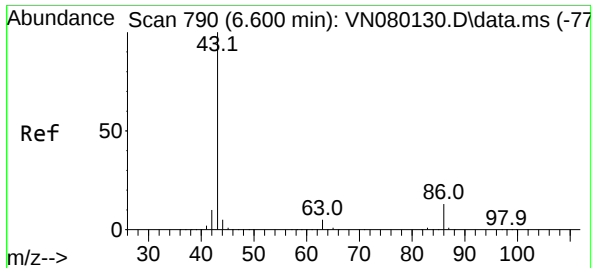


#22
Diisopropyl ether
Concen: 10.315 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46



Tgt Ion: 45 Resp: 76670
Ion Ratio Lower Upper
45 100
43 61.1 45.5 68.3
87 29.9 31.8 47.8
59 13.6 11.6 17.4





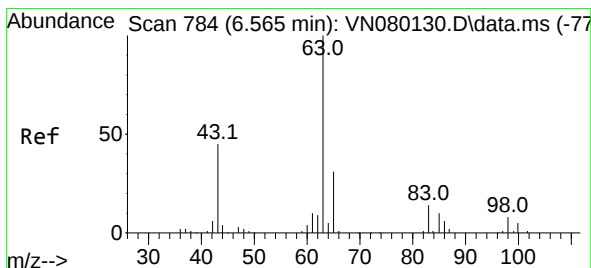
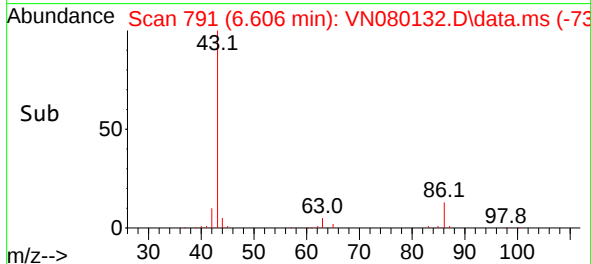
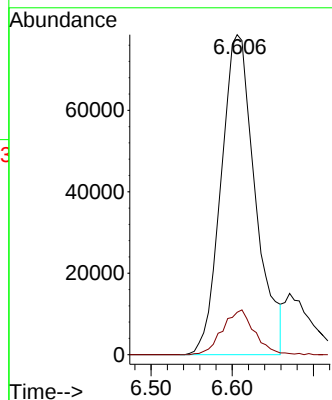
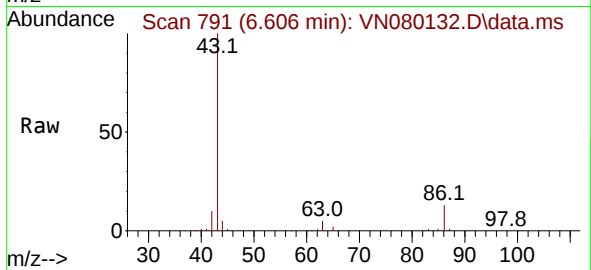
#23
 Vinyl Acetate
 Concen: 51.483 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080132.D
 Acq: 16 Nov 2023 12:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 230040
 Ion Ratio Lower Upper
 43 100
 86 13.3 13.0 19.6

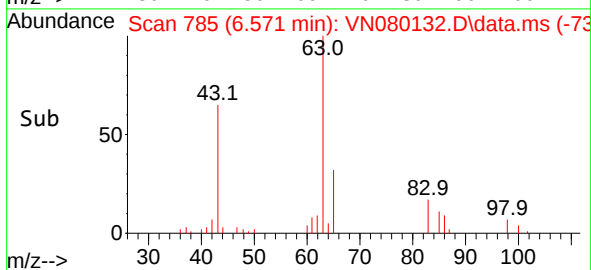
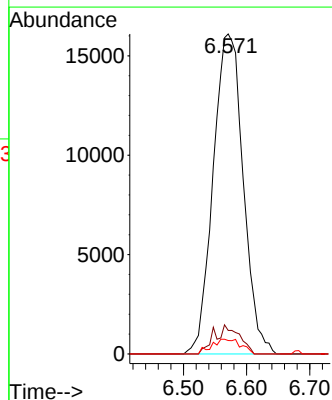
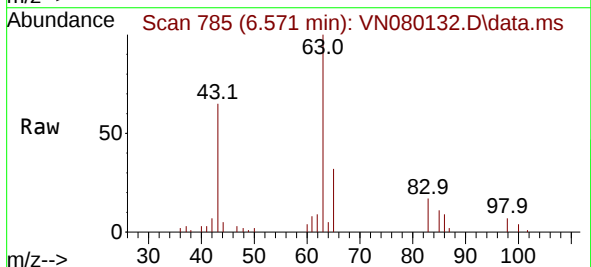
Manual Integrations
 APPROVED

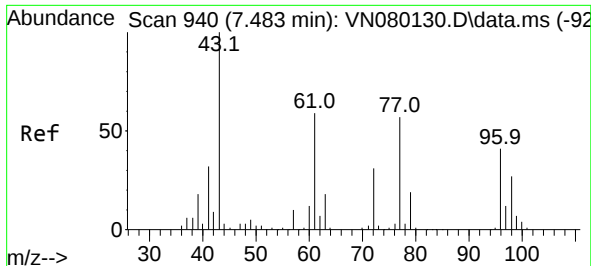
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#24
 1,1-Dichloroethane
 Concen: 9.838 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080132.D
 Acq: 16 Nov 2023 12:46

Tgt Ion: 63 Resp: 53259
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.2 2.5 7.4





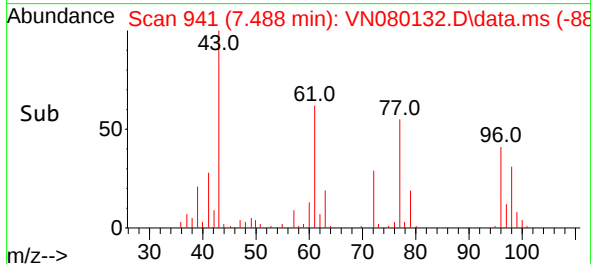
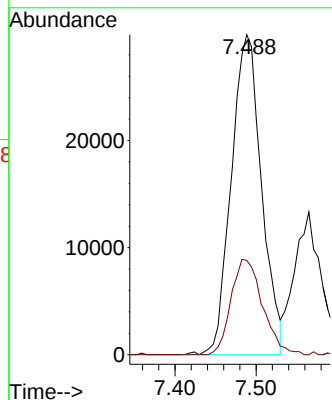
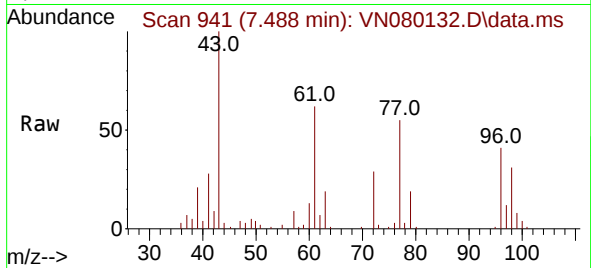
#25
2-Butanone
Concen: 46.385 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010

Tgt Ion: 43 Resp: 77218
Ion Ratio Lower Upper
43 100
72 29.4 30.2 45.2

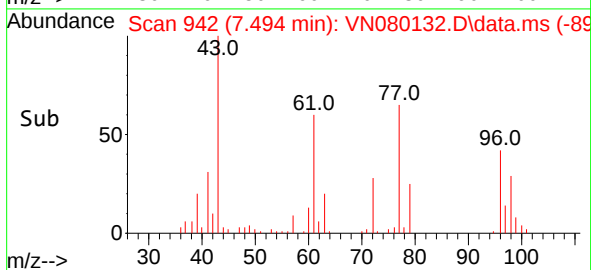
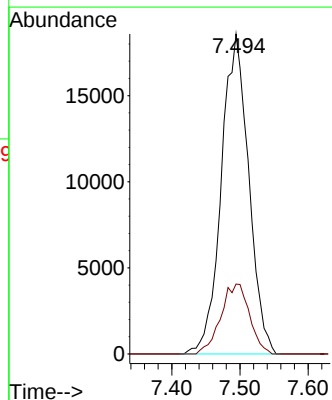
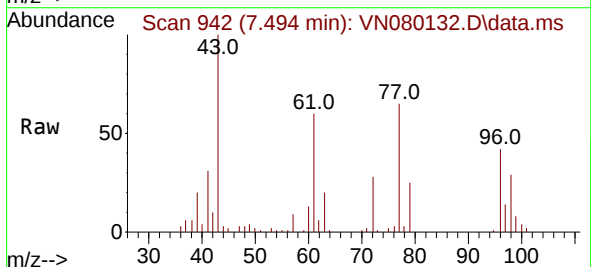
Manual Integrations
APPROVED

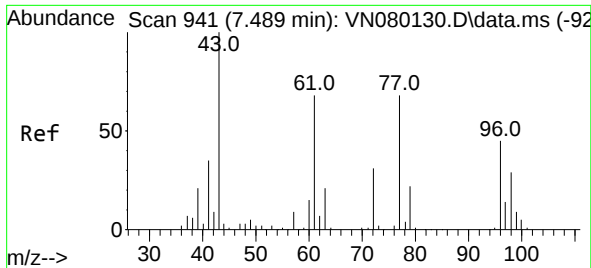
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#26
2,2-Dichloropropane
Concen: 9.661 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

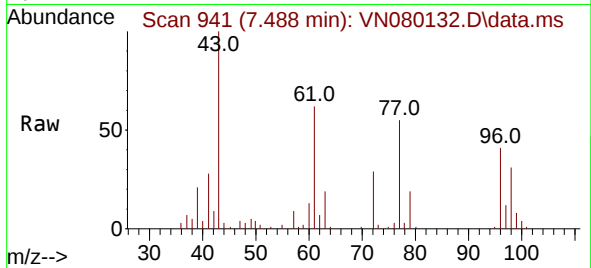
Tgt Ion: 77 Resp: 51892
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 9.753 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080132.D
 Acq: 16 Nov 2023 12:46

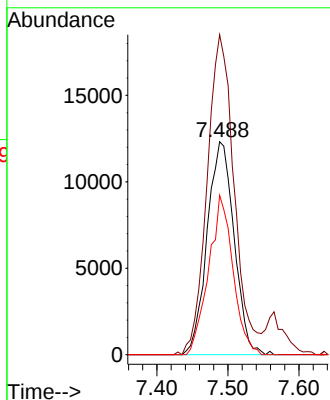
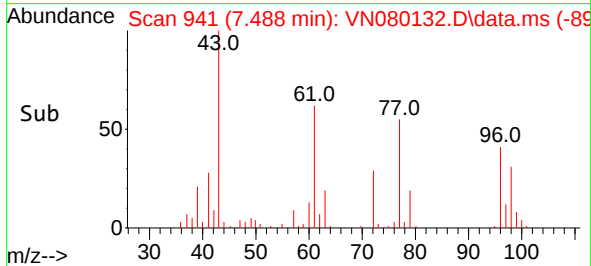
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 96 Resp: 3243
 Ion Ratio Lower Upper
 96 100
 61 151.2 0.0 255.2
 98 67.6 0.0 128.8

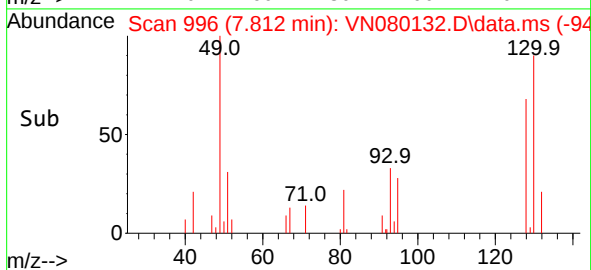
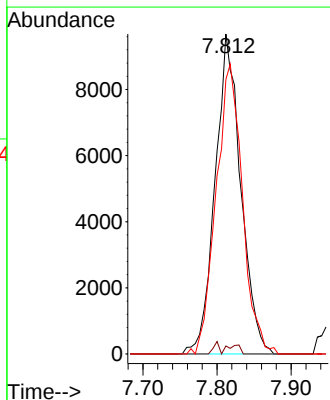
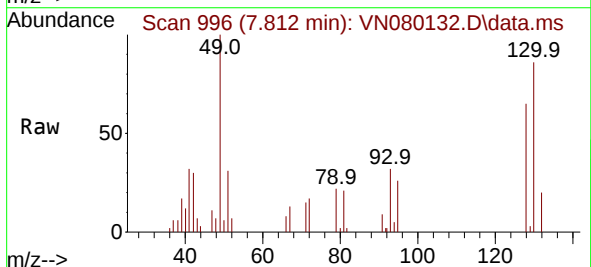
Manual Integrations
 APPROVED

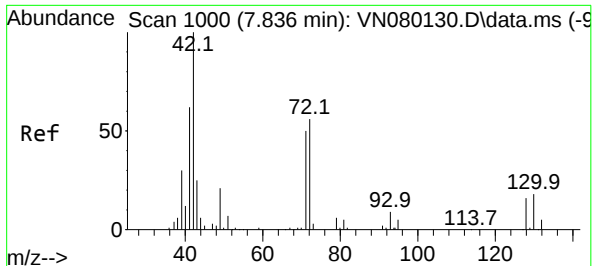
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023



#28
 Bromochloromethane
 Concen: 10.917 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080132.D
 Acq: 16 Nov 2023 12:46

Tgt Ion: 49 Resp: 23235
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.8
 130 93.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 55.779 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080132.D

Acq: 16 Nov 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 42 Resp: 4985

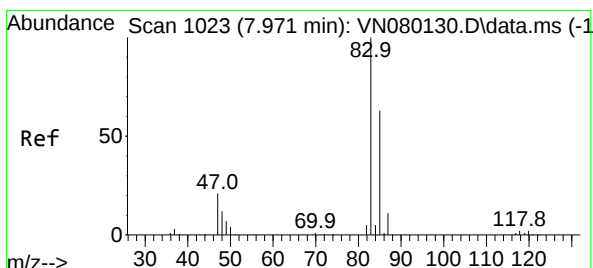
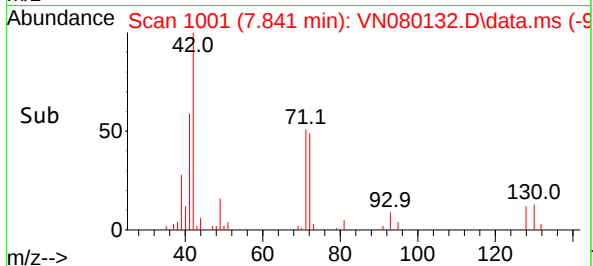
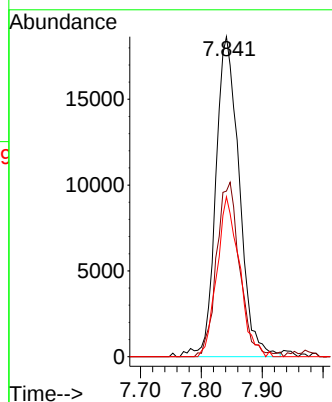
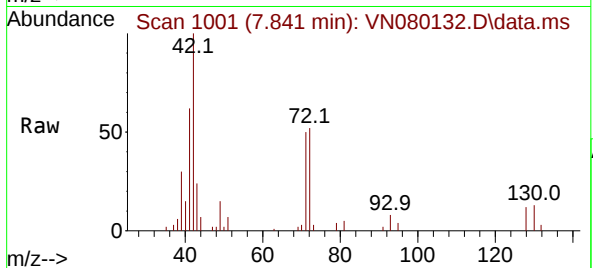
Ion	Ratio	Lower	Upper
42	100		
72	54.1	49.8	74.6
71	48.0	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#30

Chloroform

Concen: 10.110 ug/l

RT: 7.971 min Scan# 1023

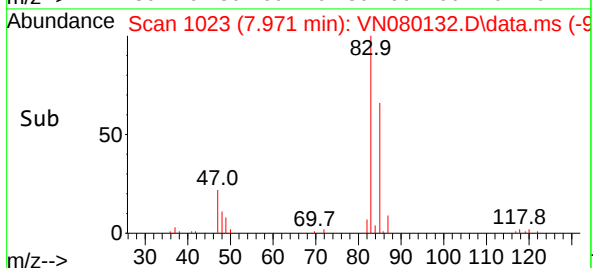
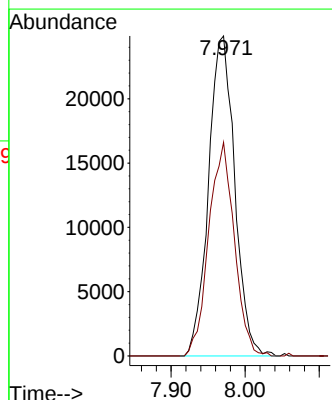
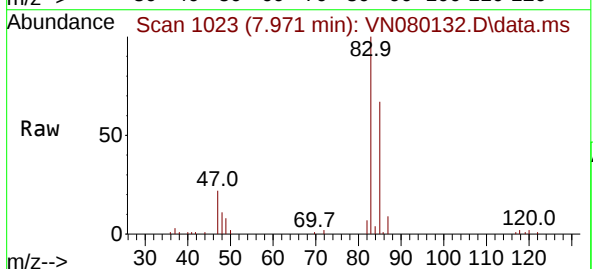
Delta R.T. -0.000 min

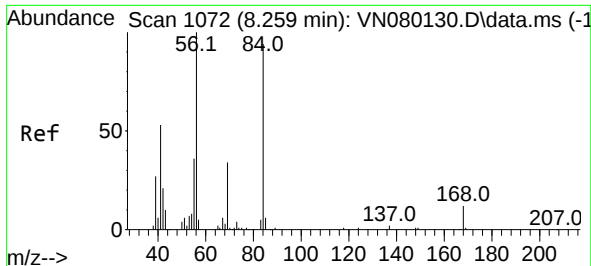
Lab File: VN080132.D

Acq: 16 Nov 2023 12:46

Tgt Ion: 83 Resp: 61173

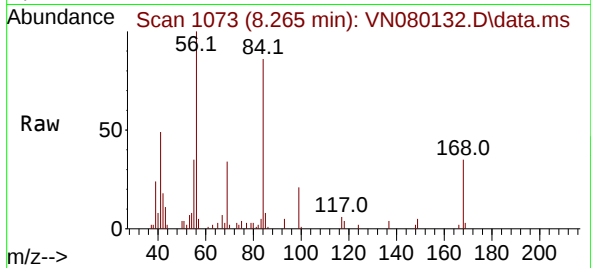
Ion	Ratio	Lower	Upper
83	100		
85	66.7	55.4	83.0





#31
Cyclohexane
Concen: 10.189 ug/l
RT: 8.265 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

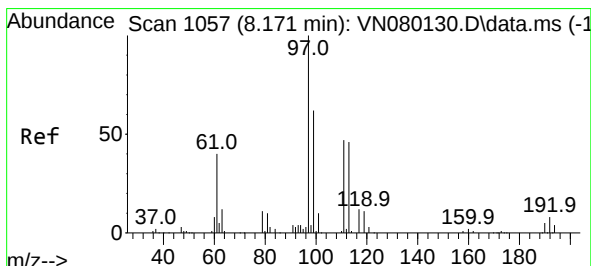
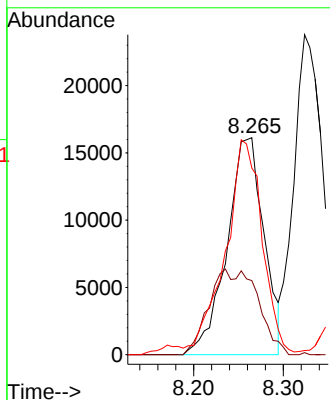
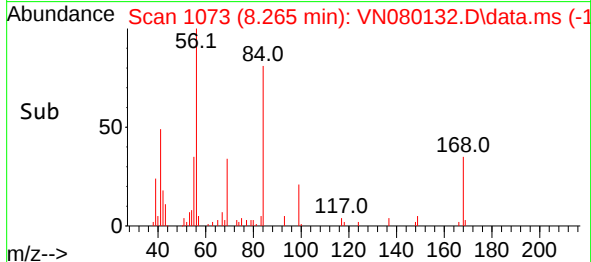
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010



Tgt Ion: 56 Resp: 4622
Ion Ratio Lower Upper
56 100
69 34.1 26.8 40.2
84 82.3 81.8 122.6

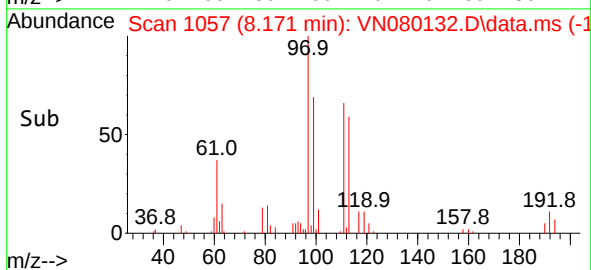
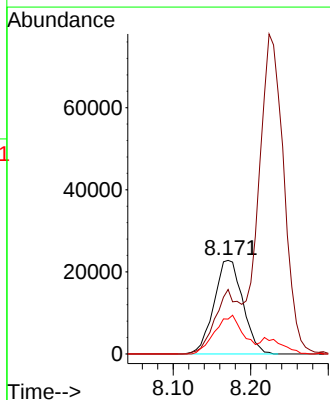
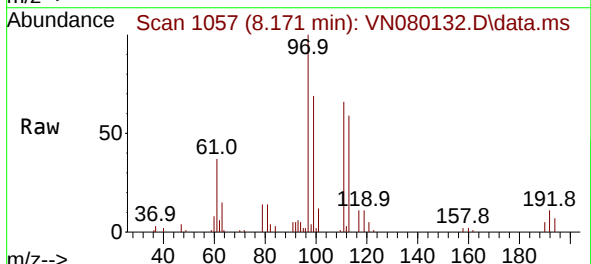
Manual Integrations
APPROVED

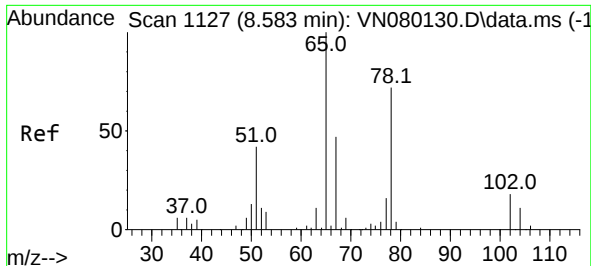
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#32
1,1,1-Trichloroethane
Concen: 10.001 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Tgt Ion: 97 Resp: 59014
Ion Ratio Lower Upper
97 100
99 58.2 50.3 75.5
61 40.8 34.7 52.1





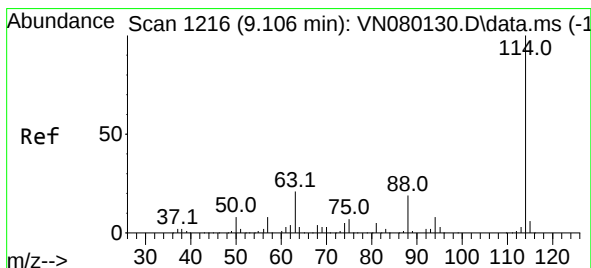
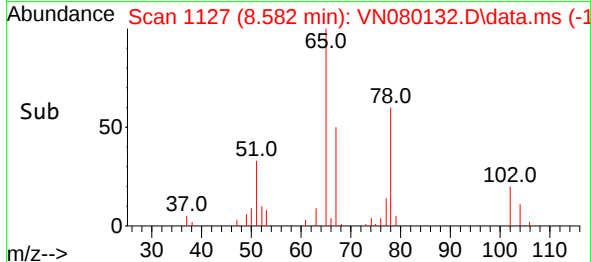
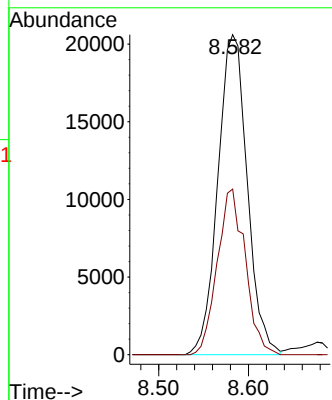
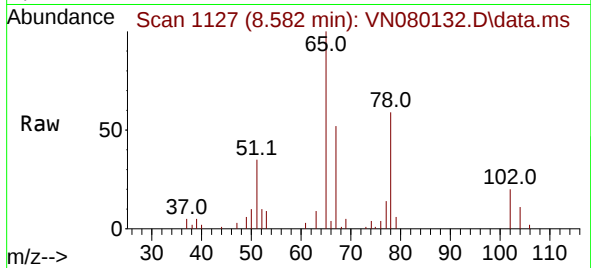
#33
1,2-Dichloroethane-d4
Concen: 11.225 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 65 Resp: 4682
Ion Ratio Lower Upper
65 100
67 49.2 0.0 106.6

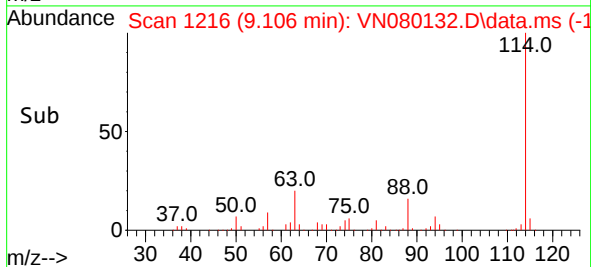
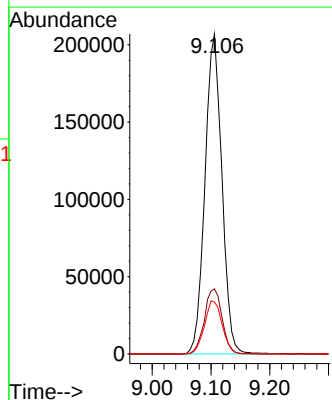
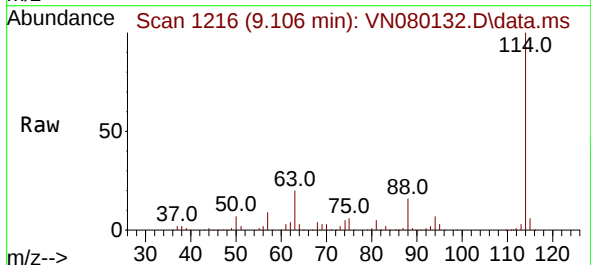
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

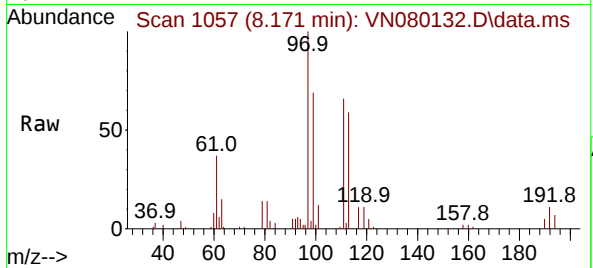
Tgt Ion:114 Resp: 414203
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.4
88 16.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 10.801 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

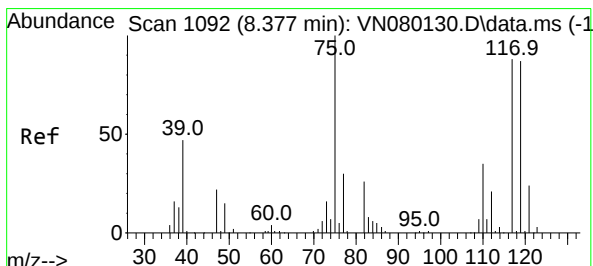
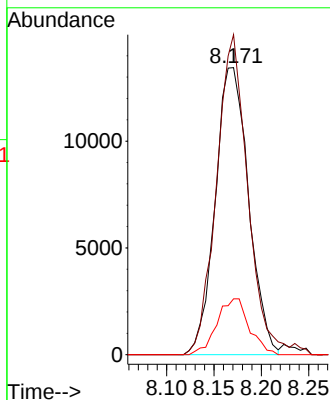
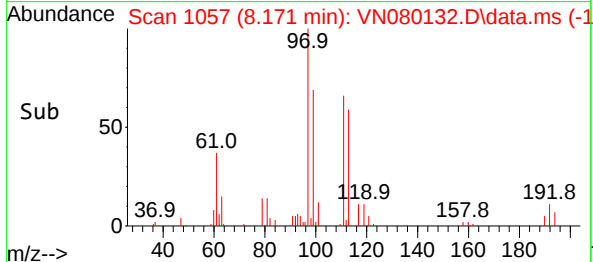
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



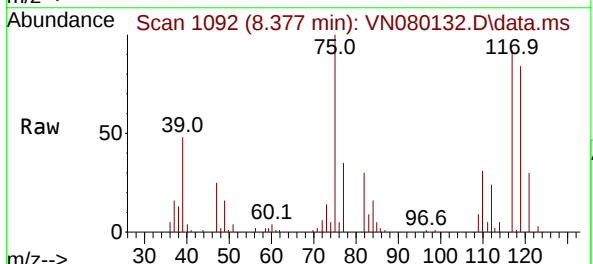
Tgt Ion: 113 Resp: 33010
Ion Ratio Lower Upper
113 100
111 105.1 82.6 123.8
192 18.9 12.7 19.1

Manual Integrations
APPROVED

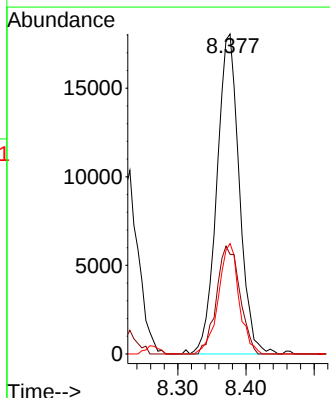
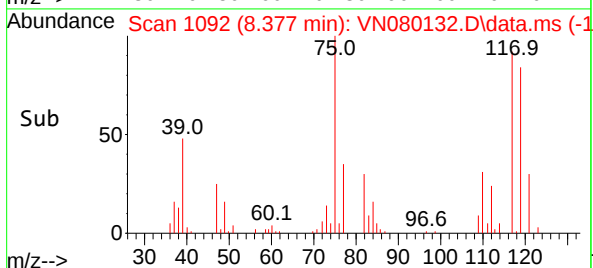
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

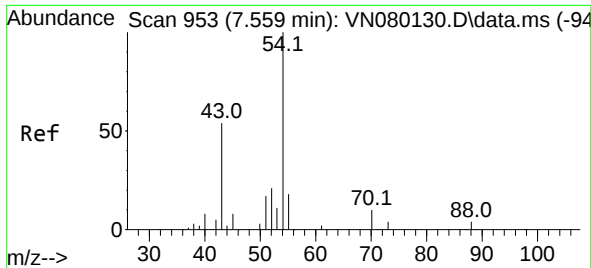


#36
1,1-Dichloropropene
Concen: 9.370 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46



Tgt Ion: 75 Resp: 41460
Ion Ratio Lower Upper
75 100
110 35.0 19.1 57.3
77 31.8 25.0 37.4





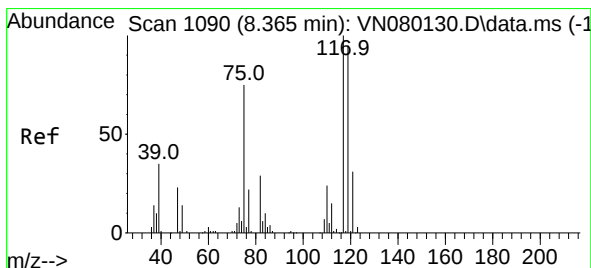
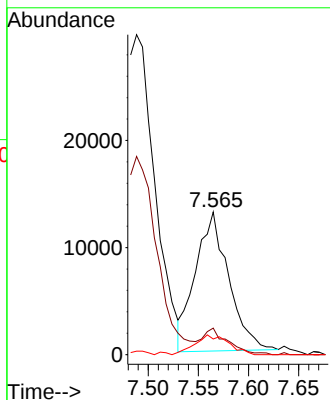
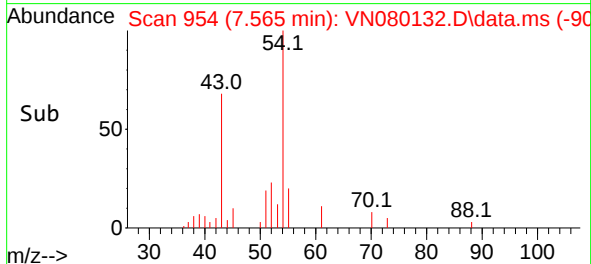
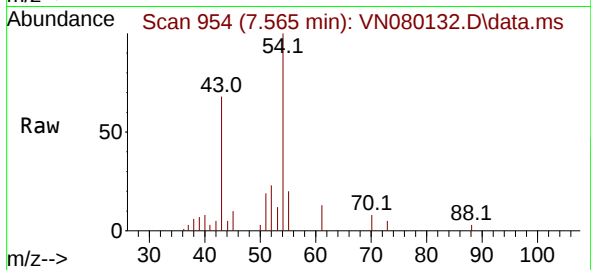
#37
Ethyl Acetate
Concen: 9.776 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 3000
Ion Ratio Lower Upper
43 100
61 14.3 13.2 19.8
70 14.3 11.3 16.9

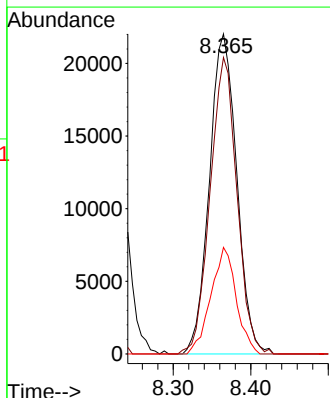
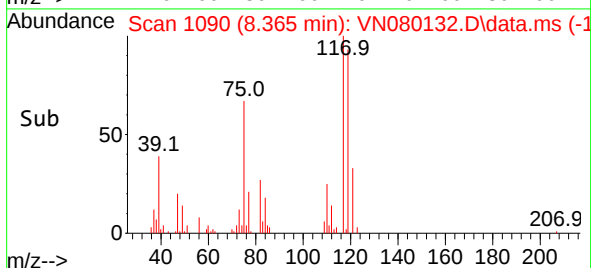
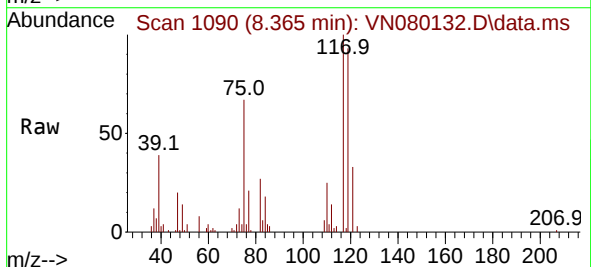
Manual Integrations
APPROVED

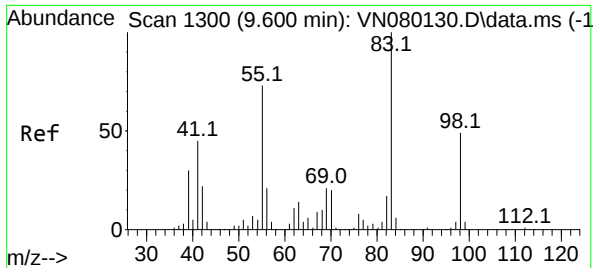
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#38
Carbon Tetrachloride
Concen: 9.622 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Tgt Ion:117 Resp: 54029
Ion Ratio Lower Upper
117 100
119 92.7 77.3 115.9
121 33.3 23.3 34.9





#39

Methylcyclohexane

Concen: 9.579 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN080132.D

Acq: 16 Nov 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 83 Resp: 4086

Ion Ratio Lower Upper

83 100

55 65.3 49.1 73.7

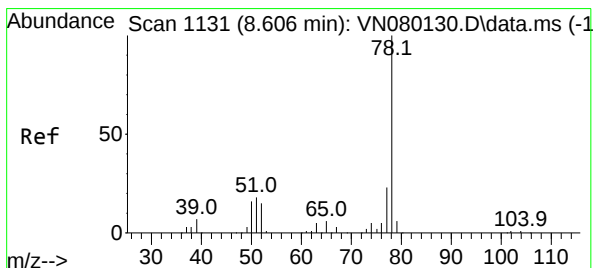
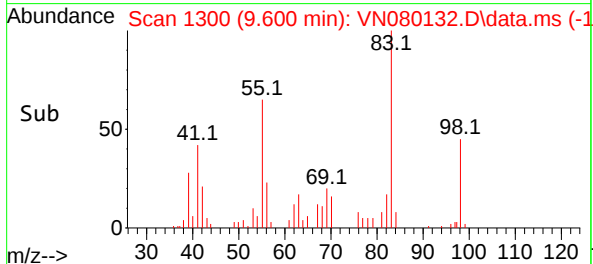
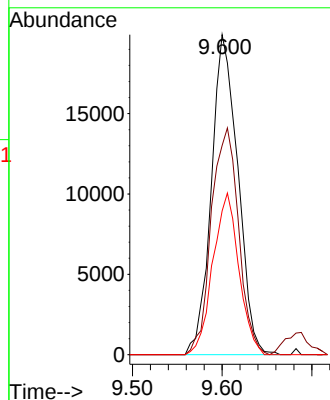
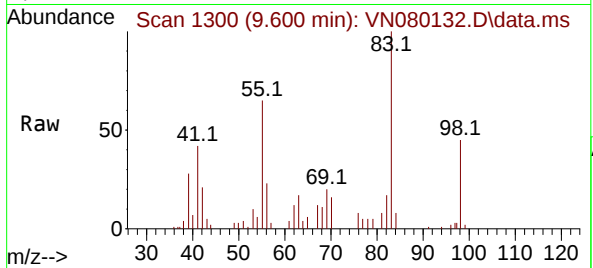
98 44.9 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#40

Benzene

Concen: 9.811 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080132.D

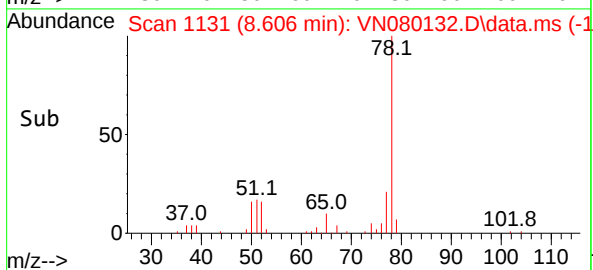
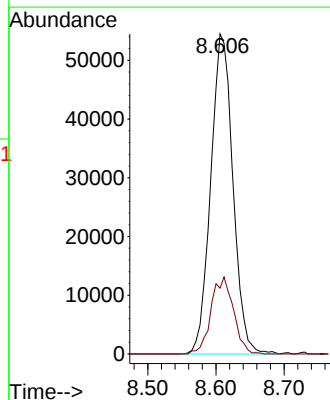
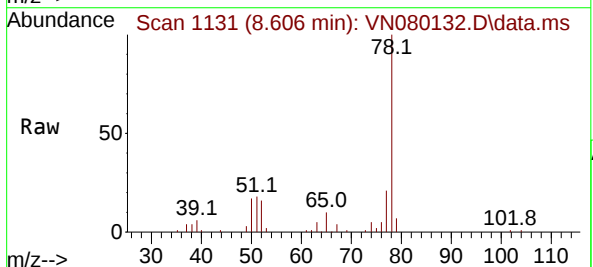
Acq: 16 Nov 2023 12:46

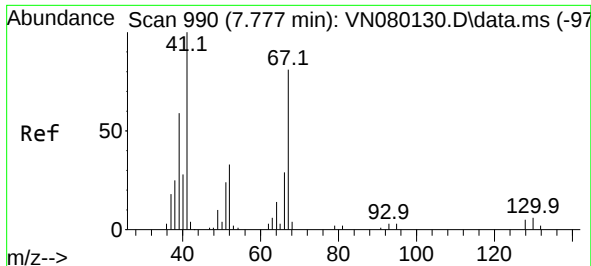
Tgt Ion: 78 Resp: 123385

Ion Ratio Lower Upper

78 100

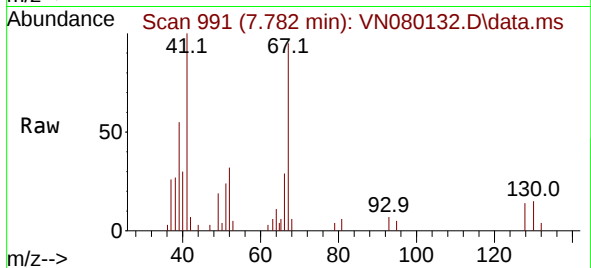
77 20.5 19.0 28.6





#41
Methacrylonitrile
Concen: 10.402 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

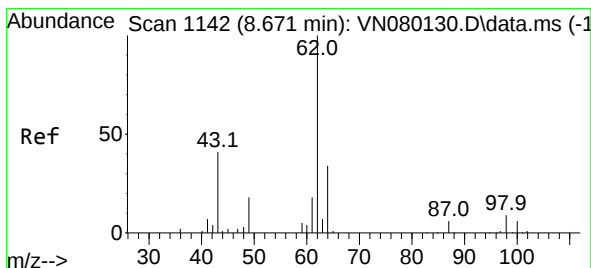
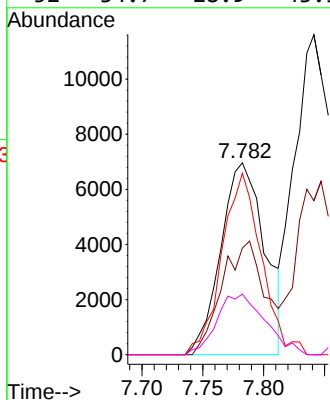
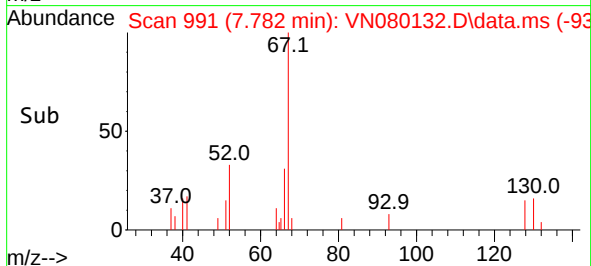
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 41 Resp: 1753
Ion Ratio Lower Upper
41 100
39 57.9 42.6 64.0
67 84.9 77.5 116.3
52 34.7 28.9 43.3

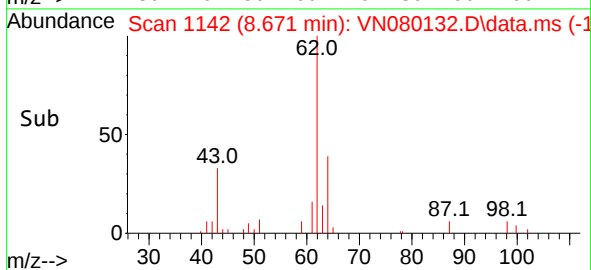
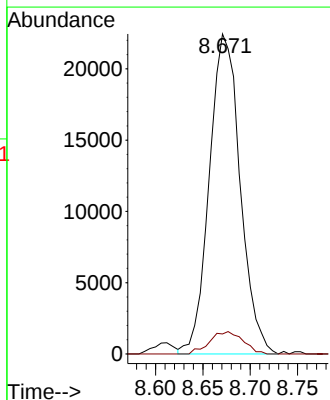
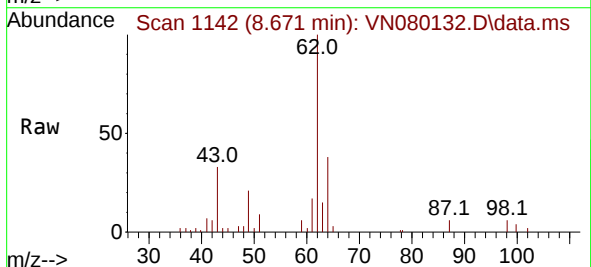
Manual Integrations
APPROVED

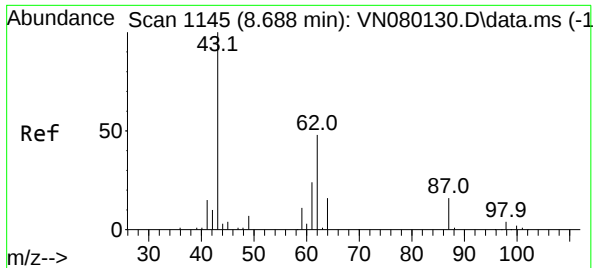
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#42
1,2-Dichloroethane
Concen: 9.893 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Tgt Ion: 62 Resp: 50902
Ion Ratio Lower Upper
62 100
98 7.6 0.0 19.8





#43

Isopropyl Acetate

Concen: 9.855 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080132.D

Acq: 16 Nov 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

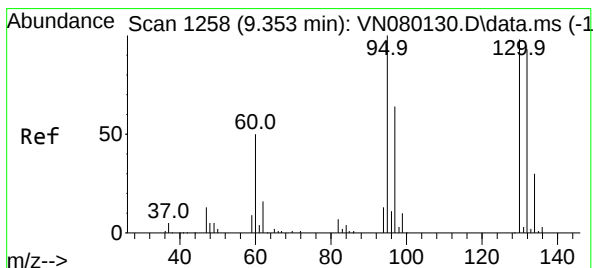
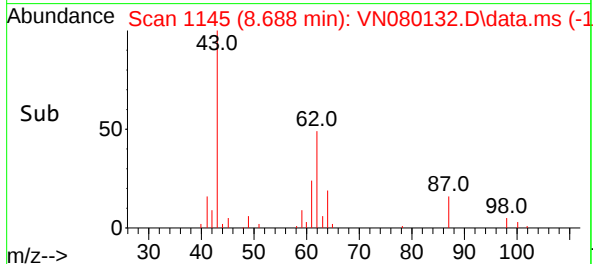
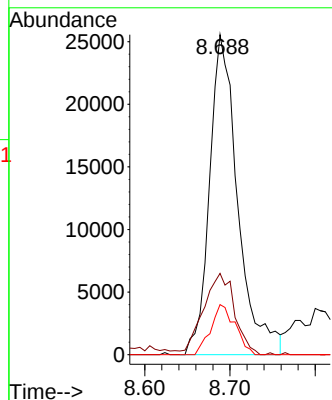
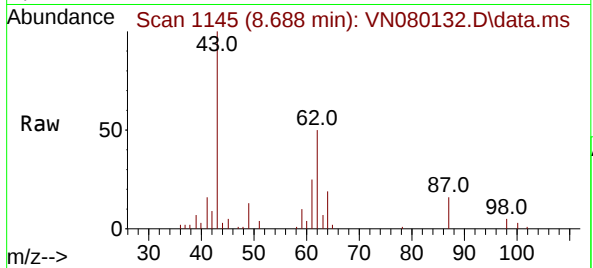
Tgt Ion: 43	Resp: 5886
Ion Ratio	Lower Upper
43	100
61	27.9 24.7 37.1
87	13.5 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#44

Trichloroethene

Concen: 9.808 ug/l

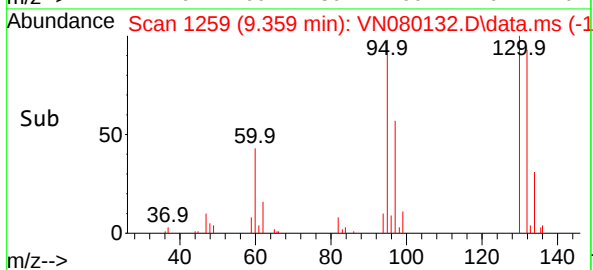
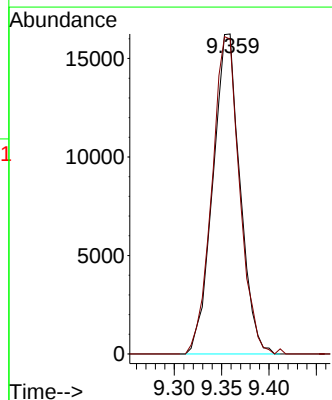
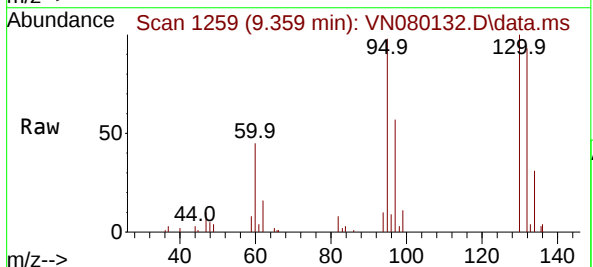
RT: 9.359 min Scan# 1259

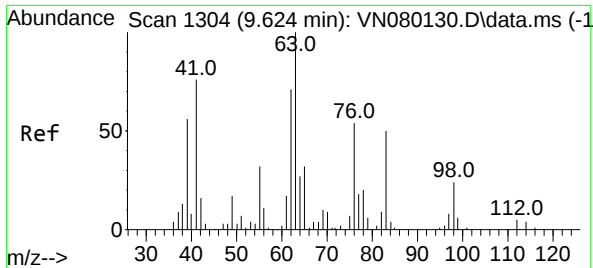
Delta R.T. 0.006 min

Lab File: VN080132.D

Acq: 16 Nov 2023 12:46

Tgt Ion:130	Resp: 32355
Ion Ratio	Lower Upper
130	100
95	98.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 9.852 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080132.D

Acq: 16 Nov 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 28794

Ion Ratio Lower Upper

63 100

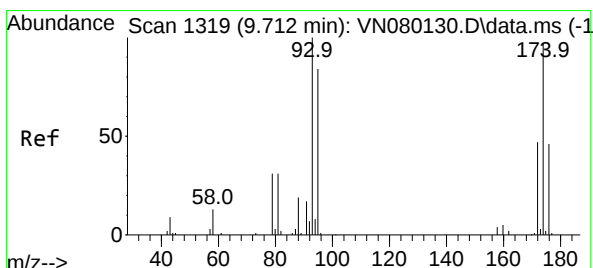
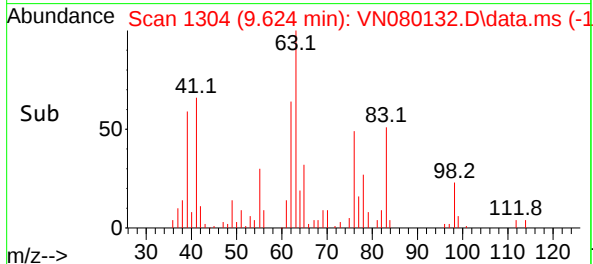
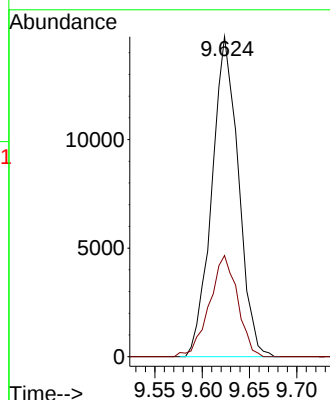
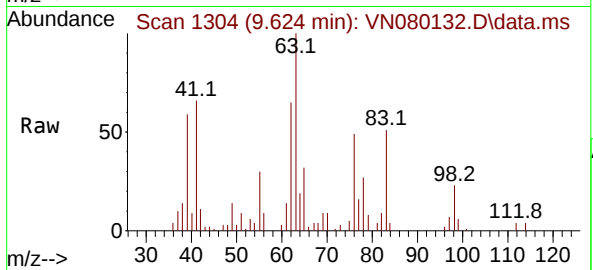
65 31.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#46

Dibromomethane

Concen: 10.062 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080132.D

Acq: 16 Nov 2023 12:46

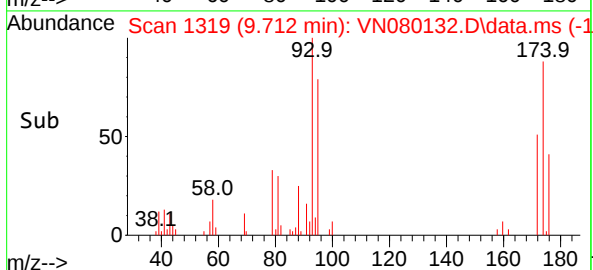
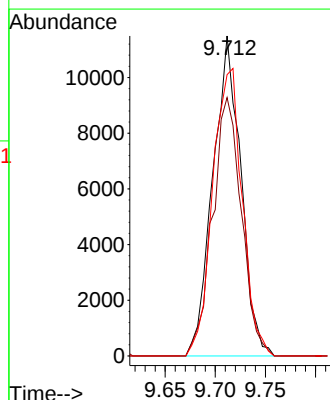
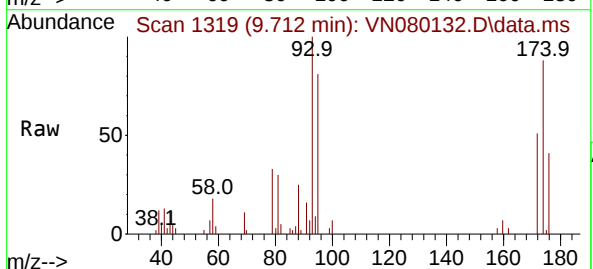
Tgt Ion: 93 Resp: 22261

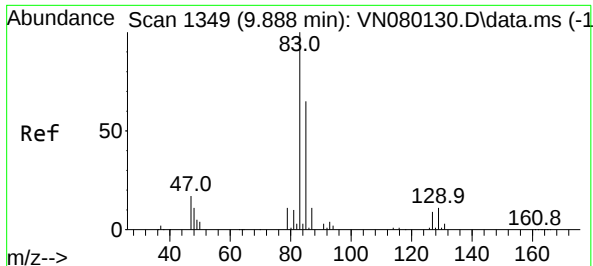
Ion Ratio Lower Upper

93 100

95 83.7 63.8 95.8

174 95.0 65.6 98.4





#47

Bromodichloromethane

Concen: 9.839 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN080132.D

Acq: 16 Nov 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

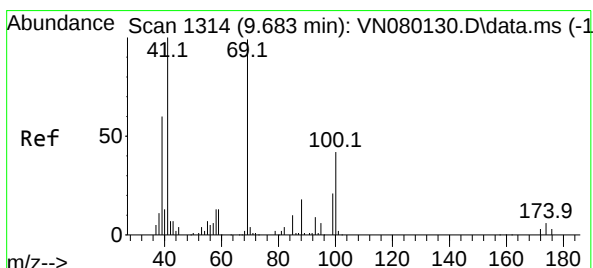
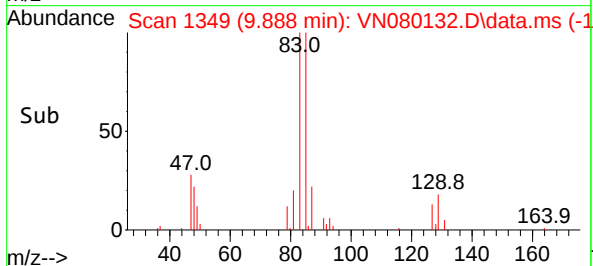
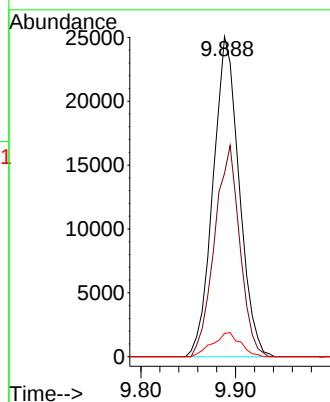
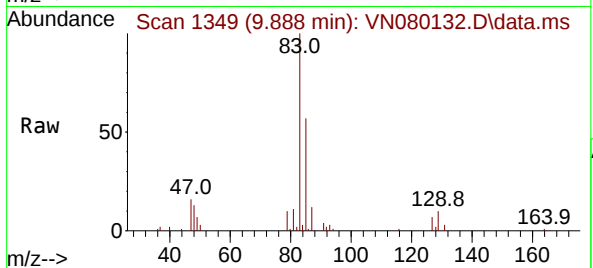
Tgt Ion:	83	Resp:	47879
Ion	Ratio	Lower	Upper
83	100		
85	57.3	49.6	74.4
127	7.3	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#48

Methyl methacrylate

Concen: 9.782 ug/l

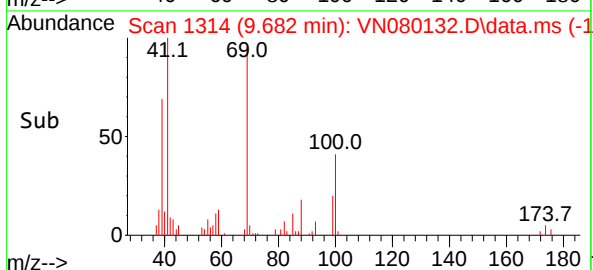
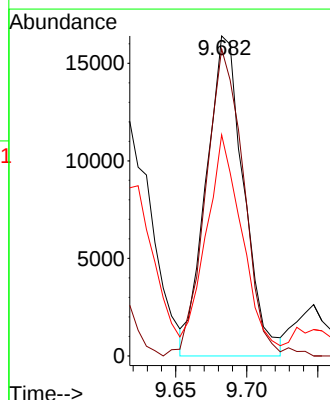
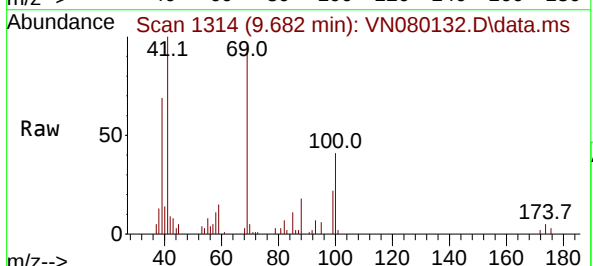
RT: 9.682 min Scan# 1314

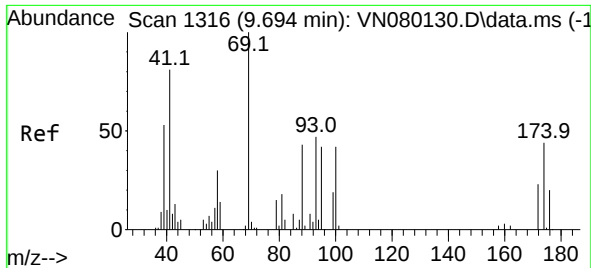
Delta R.T. -0.000 min

Lab File: VN080132.D

Acq: 16 Nov 2023 12:46

Tgt Ion:	41	Resp:	30109
Ion	Ratio	Lower	Upper
41	100		
69	97.4	90.4	135.6
39	67.7	54.6	81.8





#49

1,4-Dioxane

Concen: 200.447 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080132.D

Acq: 16 Nov 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 88 Resp: 10264

Ion Ratio Lower Upper

88 100

43 28.6 17.0 25.6

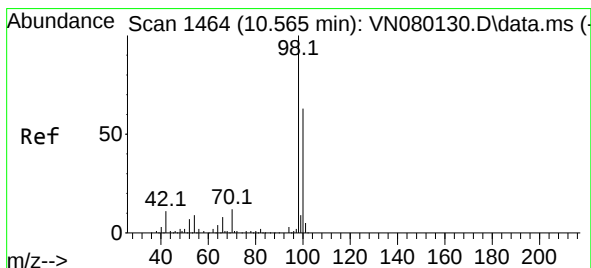
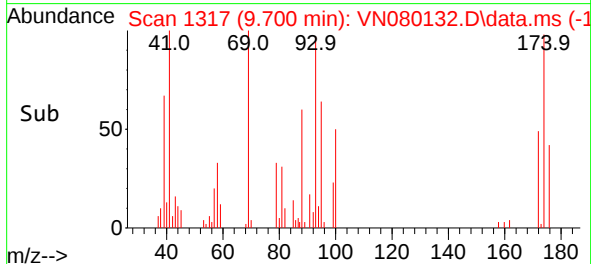
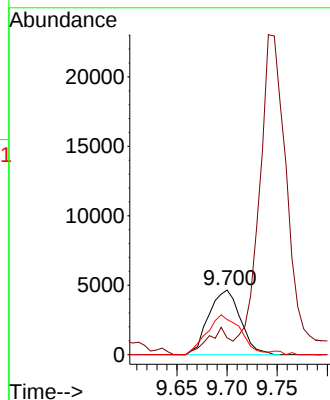
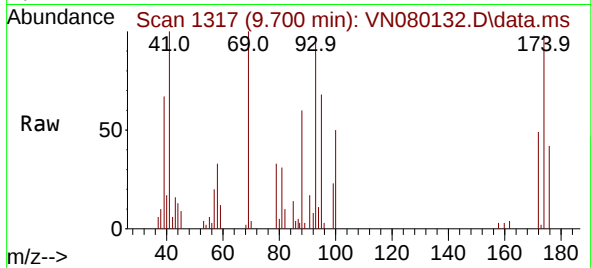
58 67.8 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#50

Toluene-d8

Concen: 10.459 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080132.D

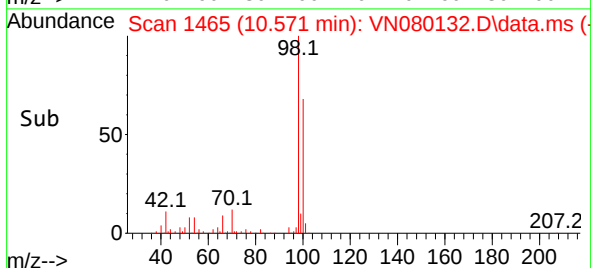
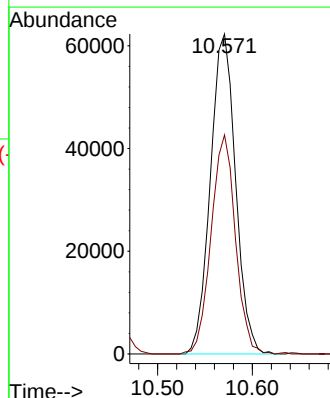
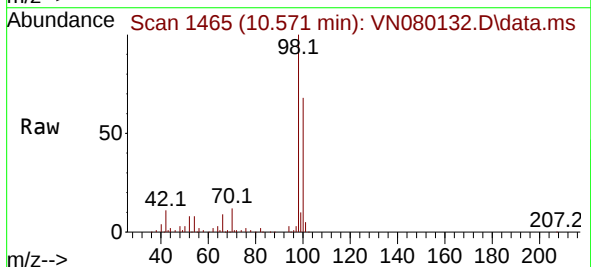
Acq: 16 Nov 2023 12:46

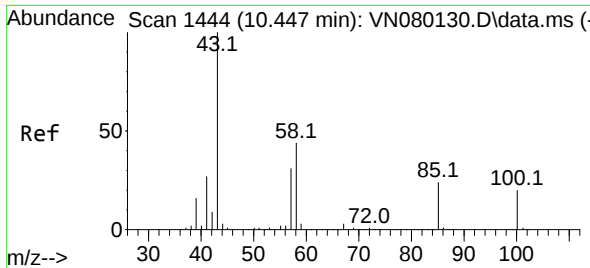
Tgt Ion: 98 Resp: 115231

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0





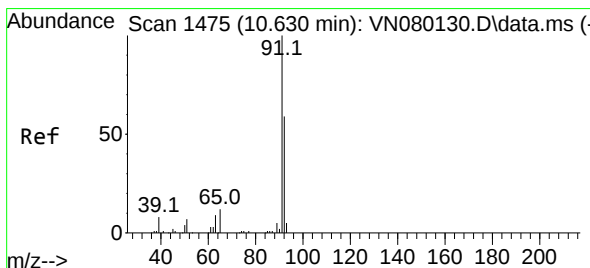
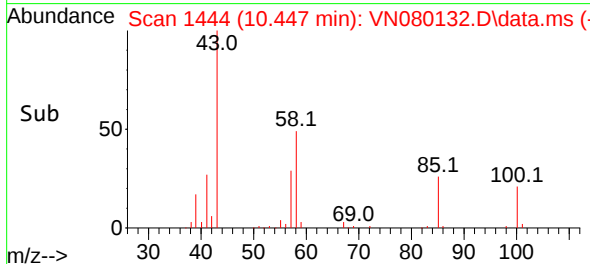
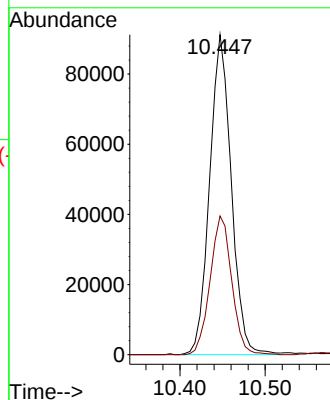
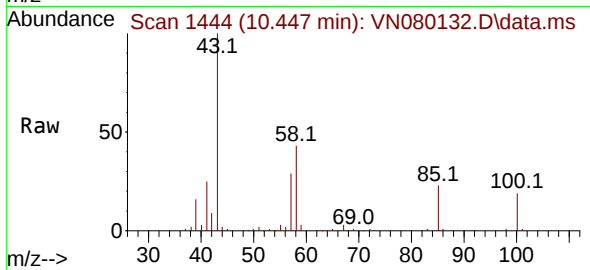
#51
4-Methyl-2-Pentanone
Concen: 52.116 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 16115
Ion Ratio Lower Upper
43 100
58 43.3 36.6 54.8

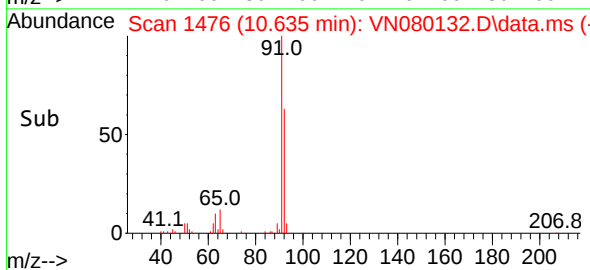
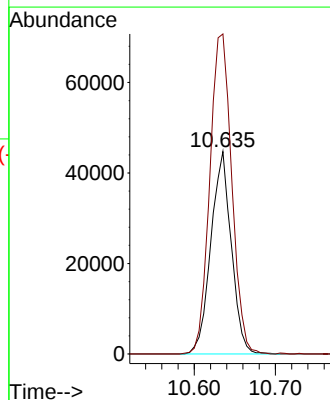
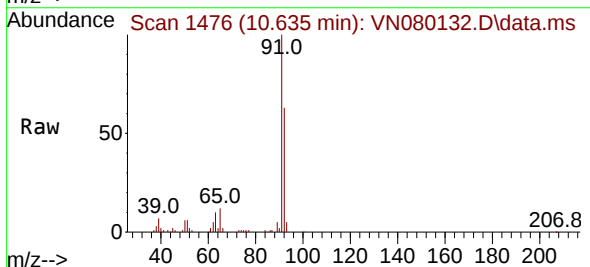
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#52
Toluene
Concen: 9.924 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Tgt Ion: 92 Resp: 78109
Ion Ratio Lower Upper
92 100
91 170.0 137.4 206.0





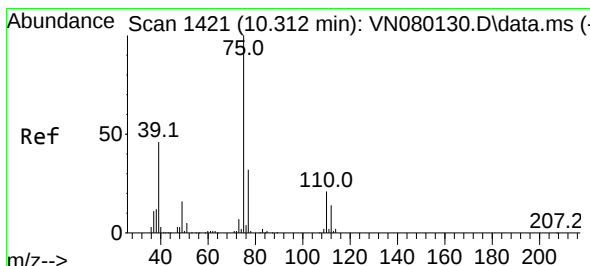
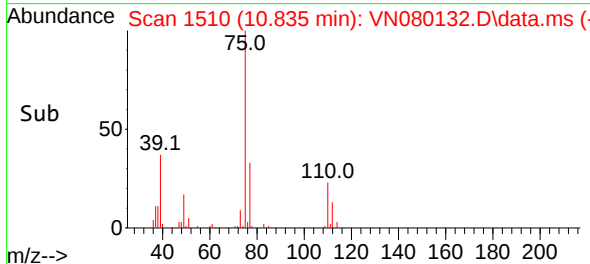
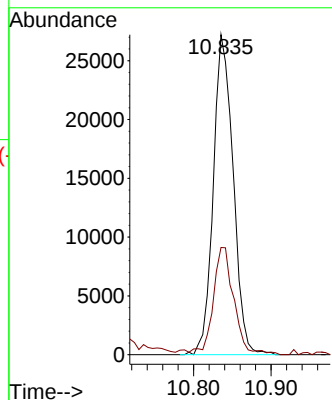
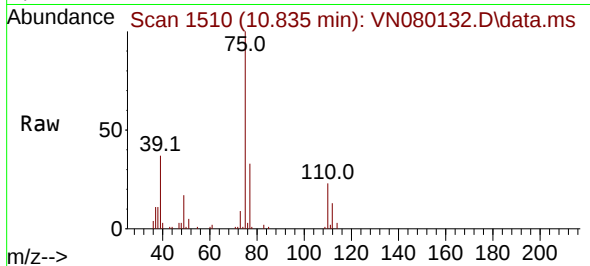
#53
t-1,3-Dichloropropene
Concen: 9.726 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 48628
Ion Ratio Lower Upper
75 100
77 33.5 25.4 38.0

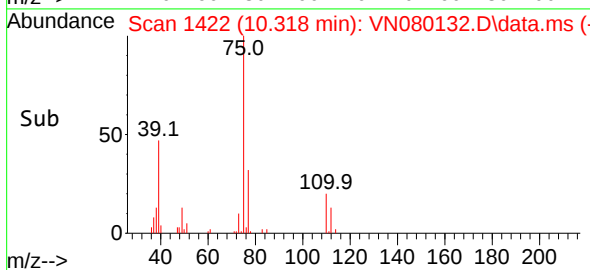
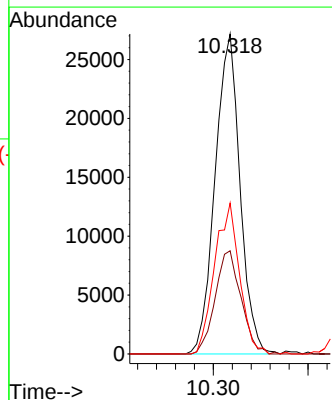
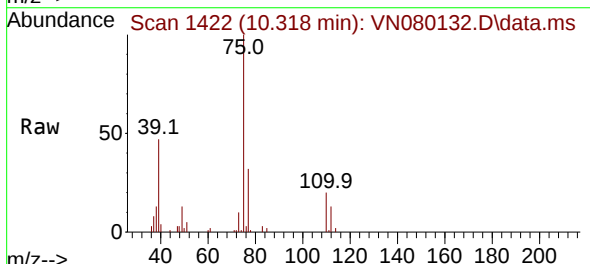
Manual Integrations
APPROVED

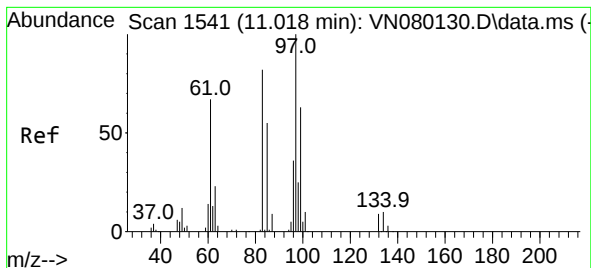
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#54
cis-1,3-Dichloropropene
Concen: 9.715 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

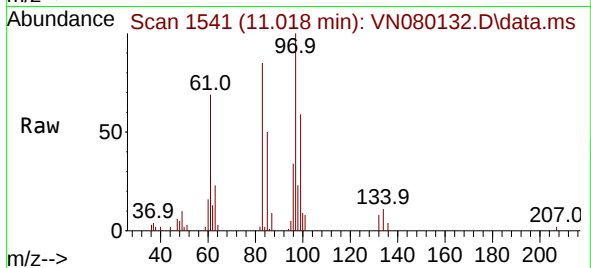
Tgt Ion: 75 Resp: 49628
Ion Ratio Lower Upper
75 100
77 32.3 26.1 39.1
39 47.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 10.083 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

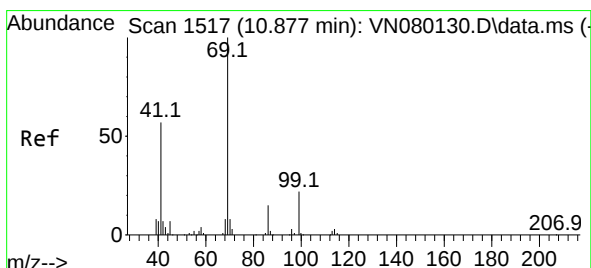
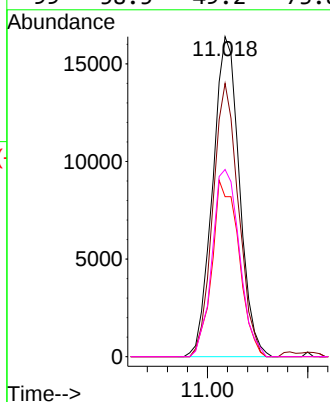
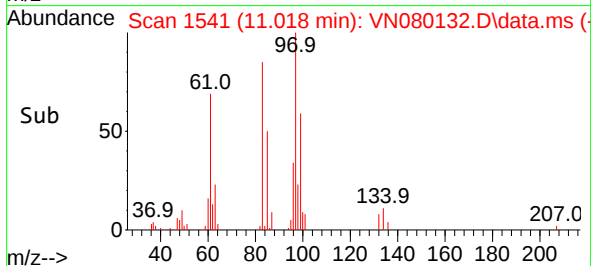
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



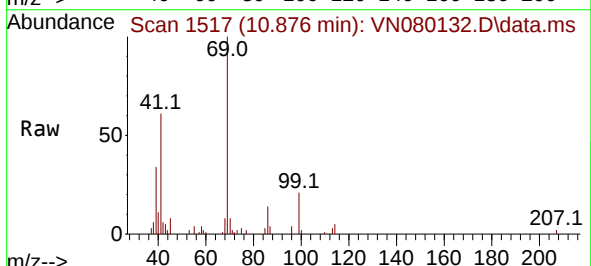
Tgt Ion:	97	Resp:	3028
Ion	Ratio	Lower	Upper
97	100		
83	85.4	65.1	97.7
85	50.0	43.4	65.2
99	58.5	49.2	73.8

Manual Integrations
APPROVED

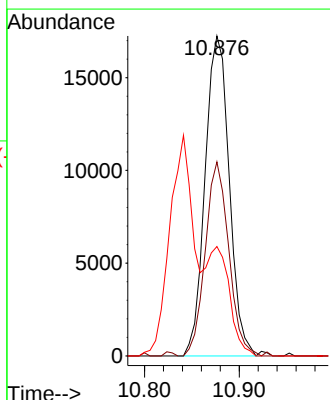
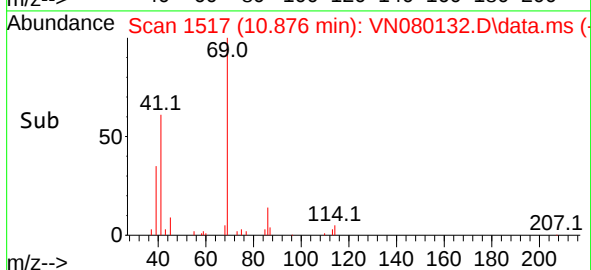
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

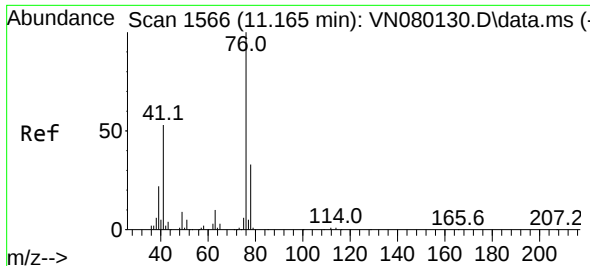


#56
Ethyl methacrylate
Concen: 9.982 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46



Tgt Ion:	69	Resp:	30631
Ion	Ratio	Lower	Upper
69	100		
41	58.8	39.6	59.4
39	28.1	28.6	43.0





#57

1,3-Dichloropropane

Concen: 9.769 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080132.D

Acq: 16 Nov 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 5123

Ion Ratio Lower Upper

76 100

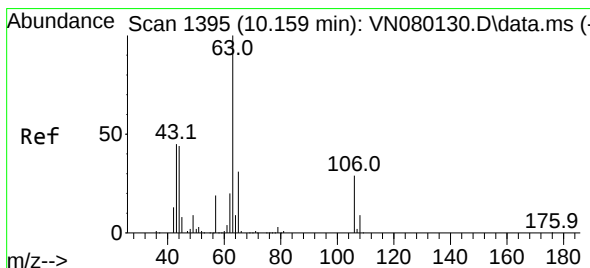
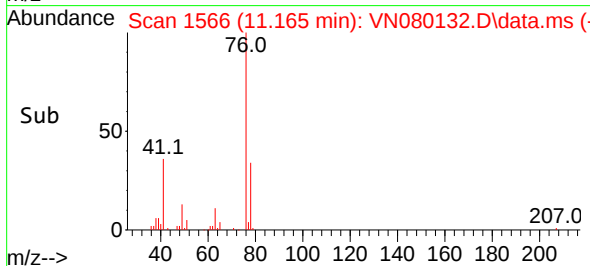
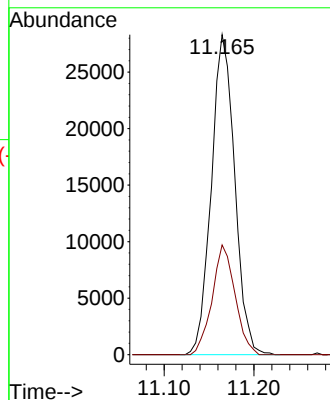
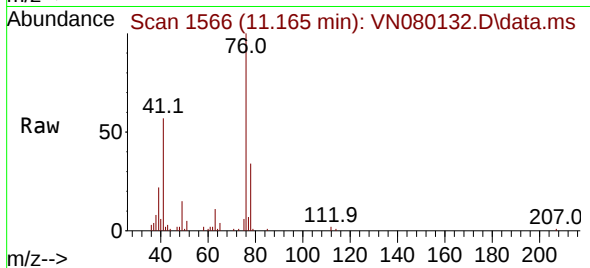
78 33.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 50.412 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080132.D

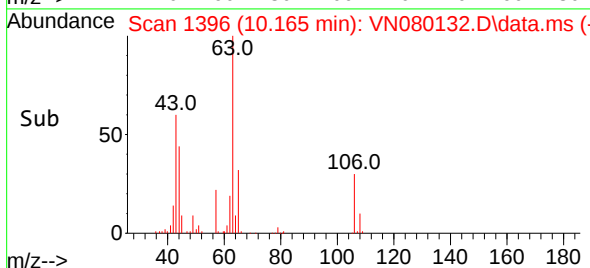
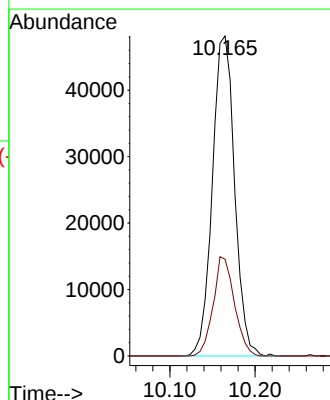
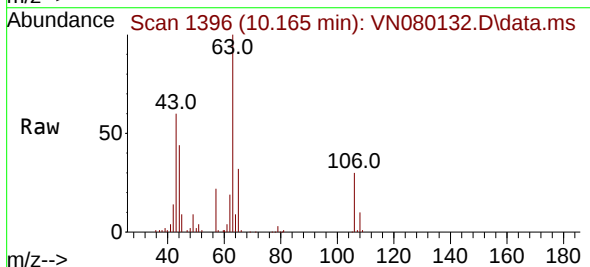
Acq: 16 Nov 2023 12:46

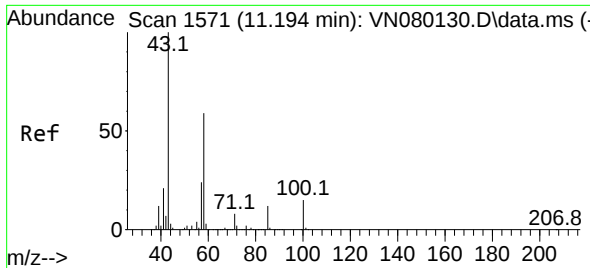
Tgt Ion: 63 Resp: 87154

Ion Ratio Lower Upper

63 100

106 29.6 26.2 39.4





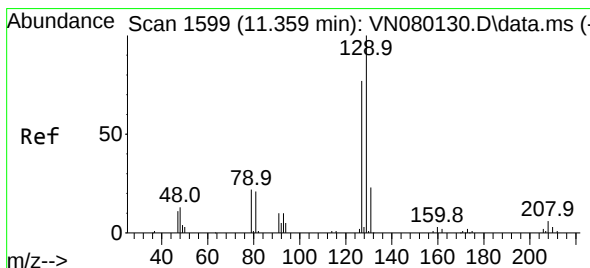
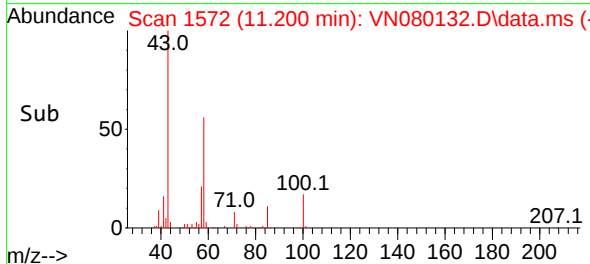
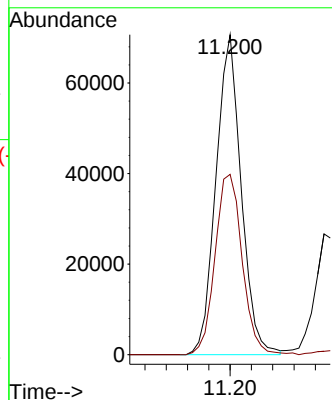
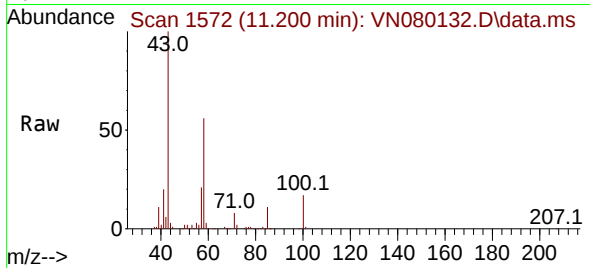
#59
2-Hexanone
Concen: 46.735 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 116120
Ion Ratio Lower Upper
43 100
58 60.6 31.7 95.1

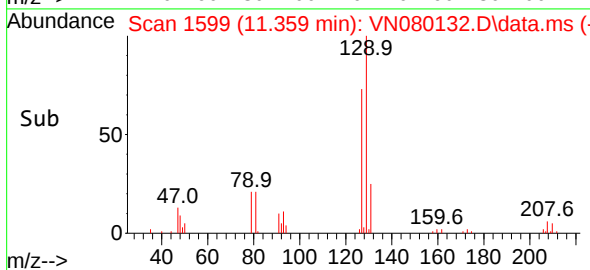
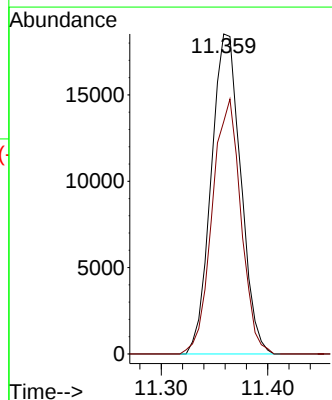
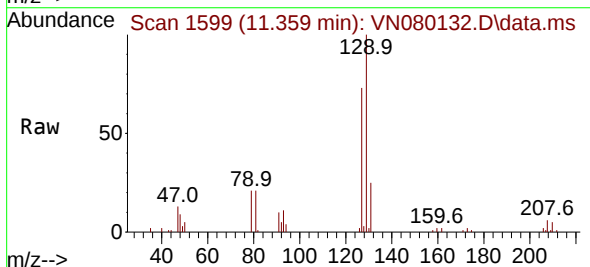
Manual Integrations
APPROVED

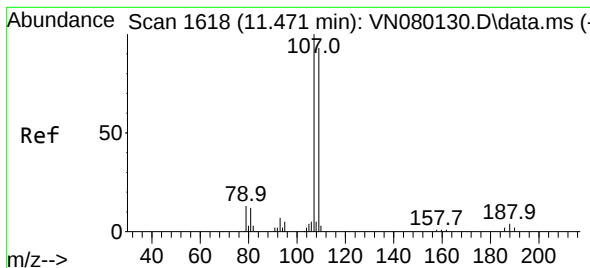
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#60
Dibromochloromethane
Concen: 9.912 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Tgt Ion:129 Resp: 35647
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





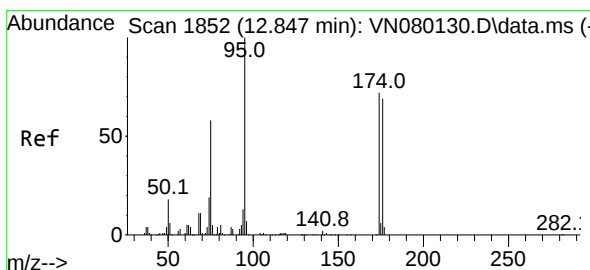
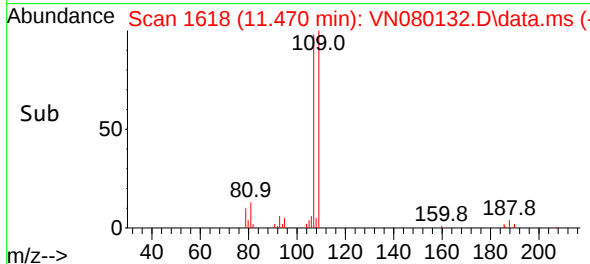
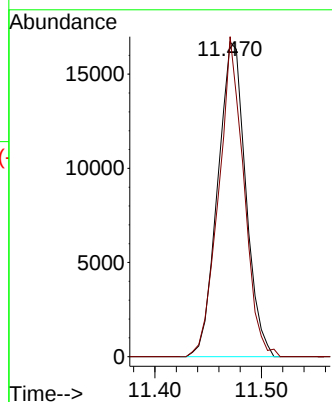
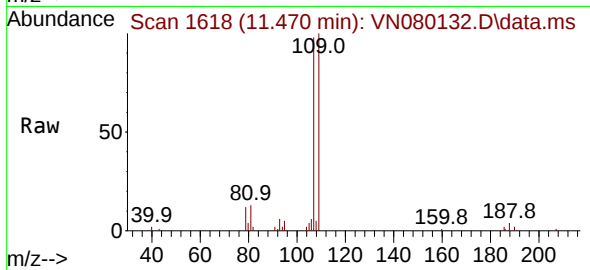
#61
1,2-Dibromoethane
Concen: 9.942 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 3046
Ion Ratio Lower Upper
107 100
109 91.2 76.6 114.8

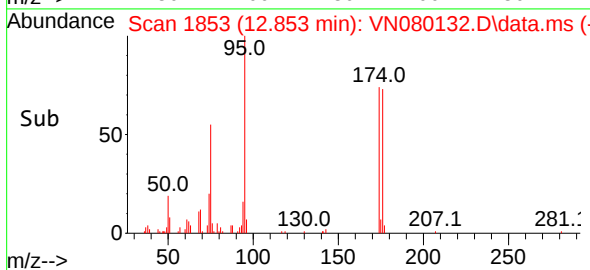
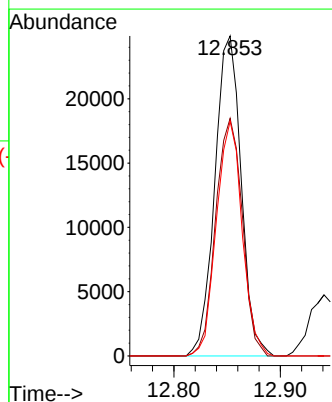
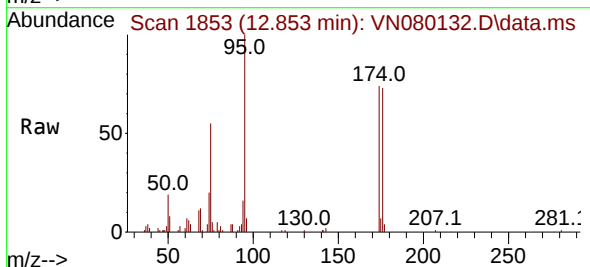
Manual Integrations
APPROVED

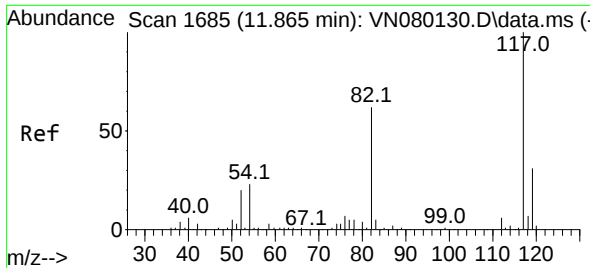
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#62
4-Bromofluorobenzene
Concen: 10.264 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Tgt Ion: 95 Resp: 42712
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 71.8 0.0 135.8





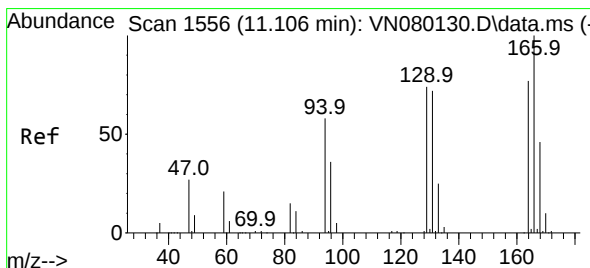
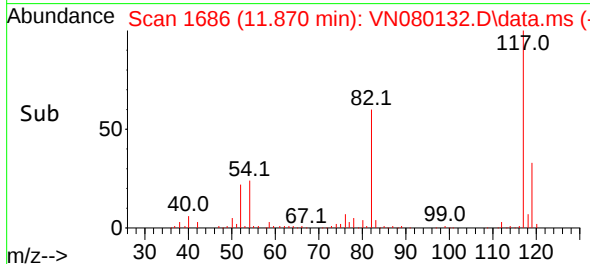
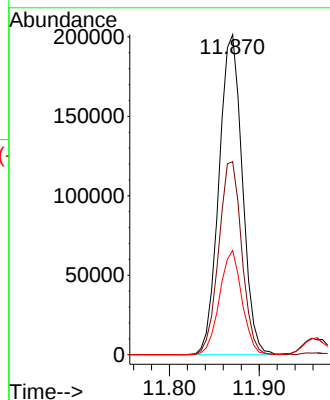
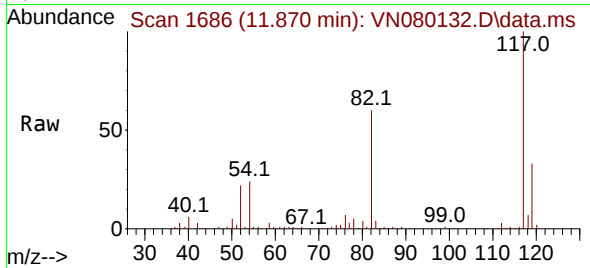
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:117 Resp: 36368
Ion Ratio Lower Upper
117 100
82 60.3 44.0 66.0
119 32.6 25.6 38.4

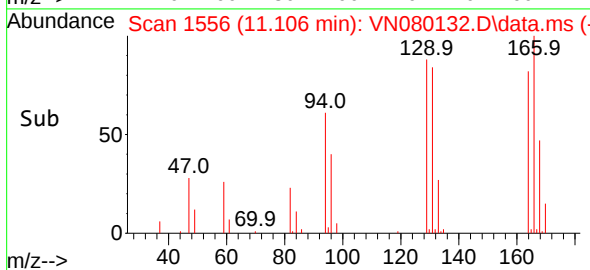
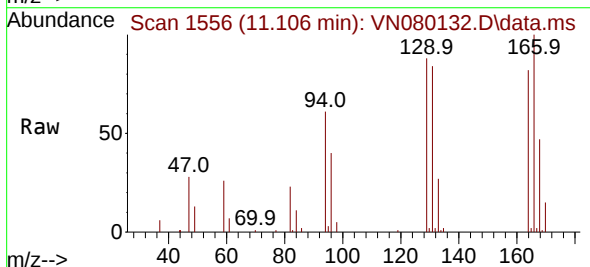
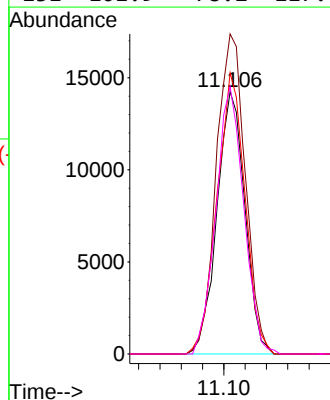
Manual Integrations
APPROVED

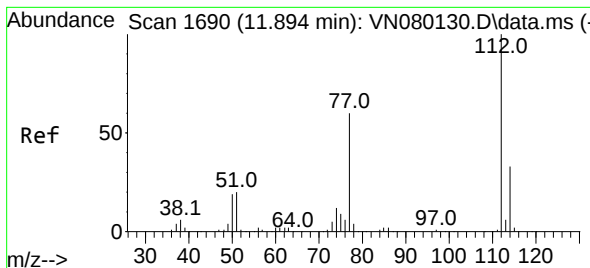
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#64
Tetrachloroethene
Concen: 9.334 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Tgt Ion:164 Resp: 25906
Ion Ratio Lower Upper
164 100
166 122.0 101.4 152.0
129 107.2 82.4 123.6
131 101.9 78.2 117.4





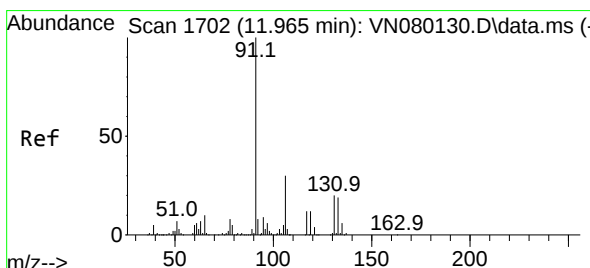
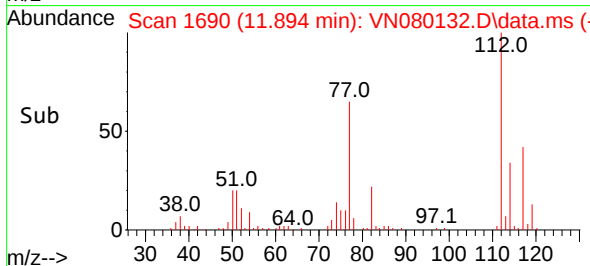
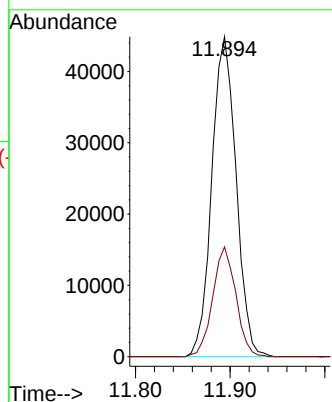
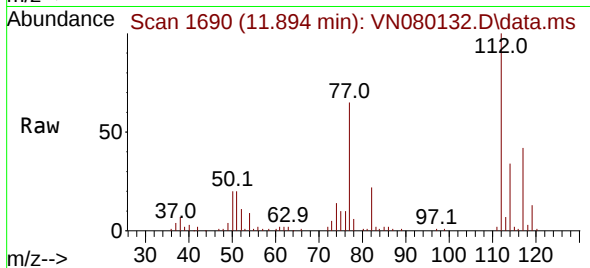
#65
Chlorobenzene
Concen: 9.692 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 79875
Ion Ratio Lower Upper
112 100
114 34.3 25.0 37.4

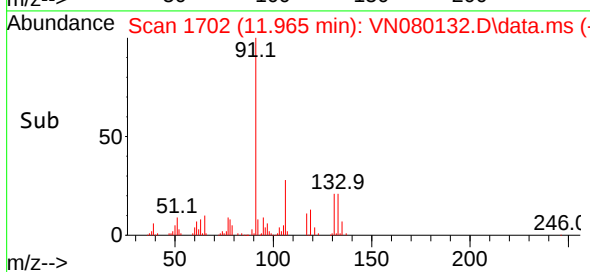
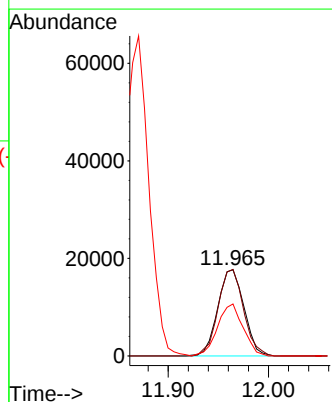
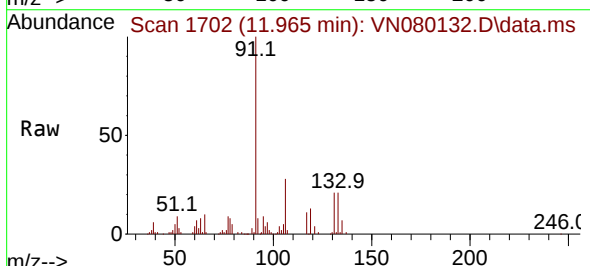
Manual Integrations
APPROVED

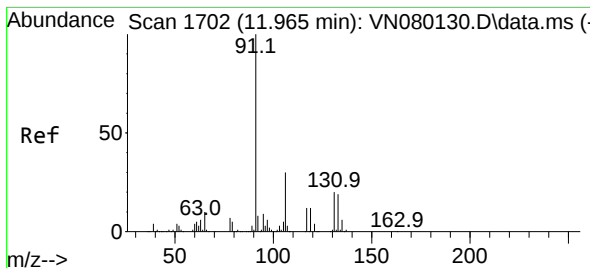
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 9.995 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Tgt Ion:131 Resp: 31964
Ion Ratio Lower Upper
131 100
133 98.0 46.4 139.1
119 59.0 34.1 102.2





#67

Ethyl Benzene

Concen: 9.760 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN080132.D

Acq: 16 Nov 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 91 Resp: 143120

Ion Ratio Lower Upper

91 100

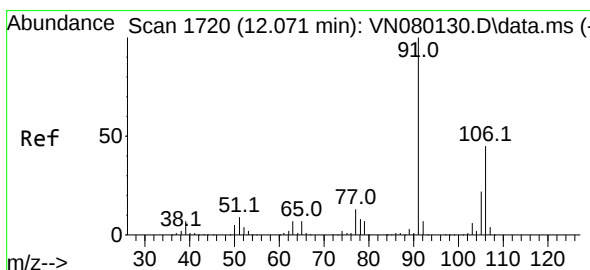
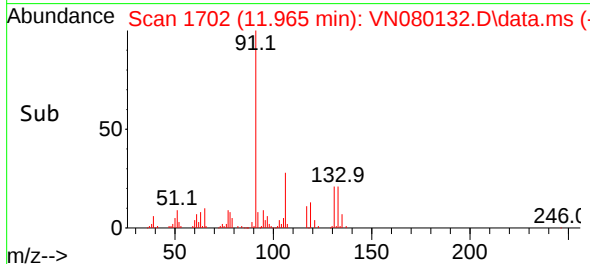
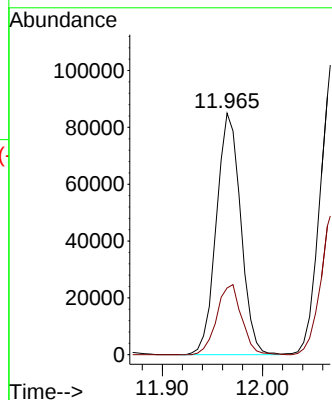
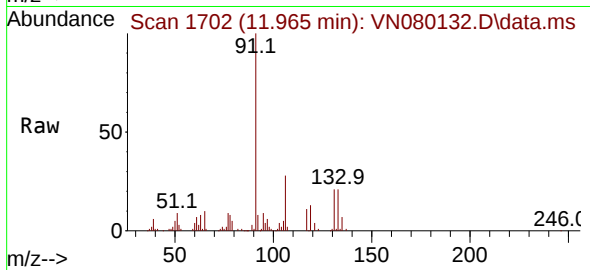
106 27.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#68

m/p-Xylenes

Concen: 19.799 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN080132.D

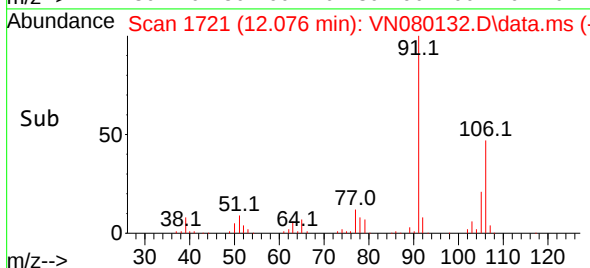
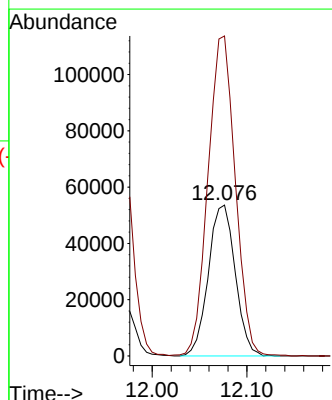
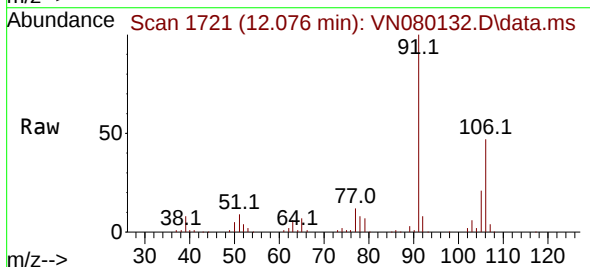
Acq: 16 Nov 2023 12:46

Tgt Ion:106 Resp: 105859

Ion Ratio Lower Upper

106 100

91 215.3 159.6 239.4





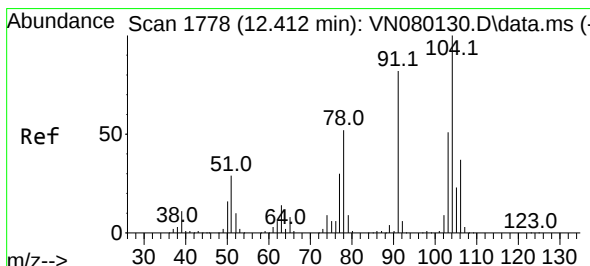
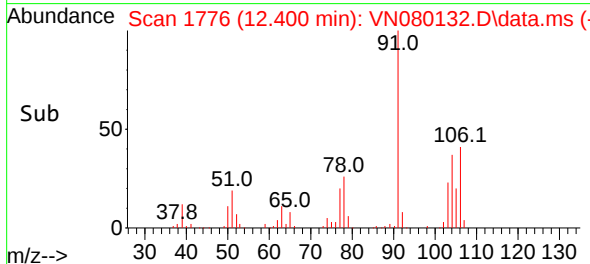
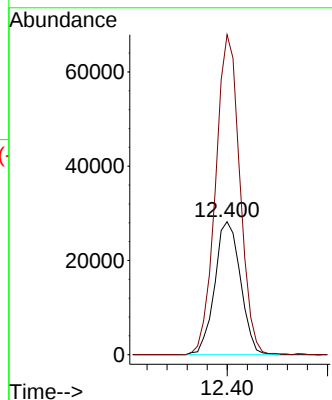
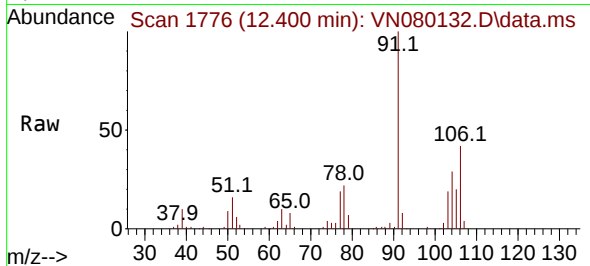
#69
o-Xylene
Concen: 9.941 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 5009
Ion Ratio Lower Upper
106 100
91 228.0 105.2 315.5

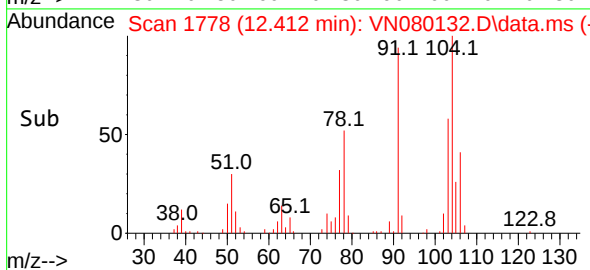
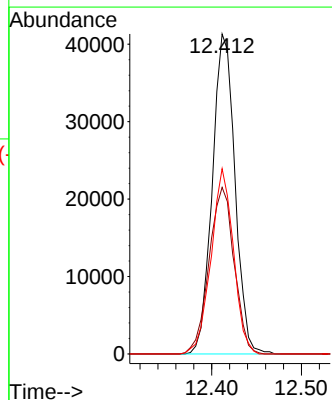
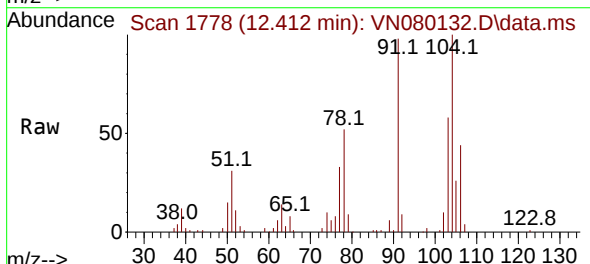
Manual Integrations
APPROVED

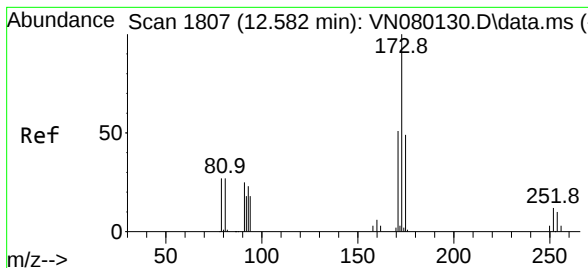
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#70
Styrene
Concen: 9.657 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

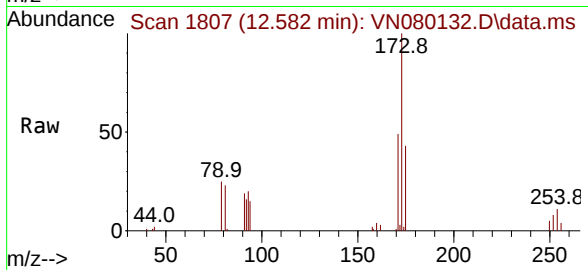
Tgt Ion:104 Resp: 72423
Ion Ratio Lower Upper
104 100
78 57.6 39.5 59.3
103 57.2 43.2 64.8





#71
Bromoform
Concen: 10.110 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

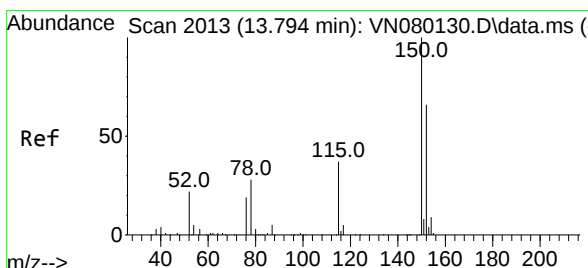
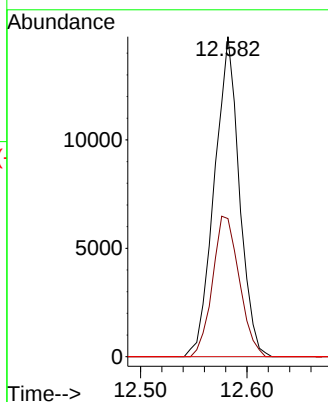
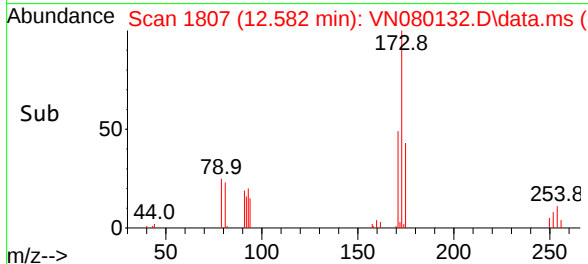
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



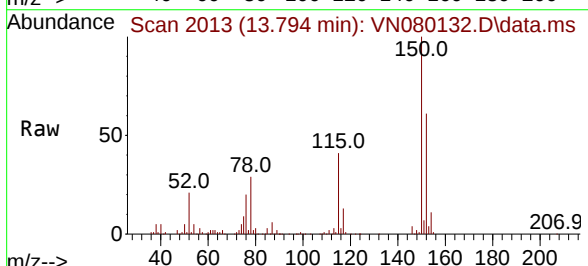
Tgt Ion:173 Resp: 23970
Ion Ratio Lower Upper
173 100
175 47.1 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

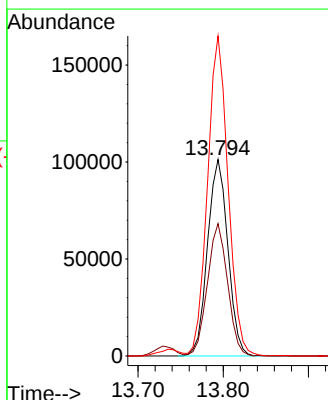
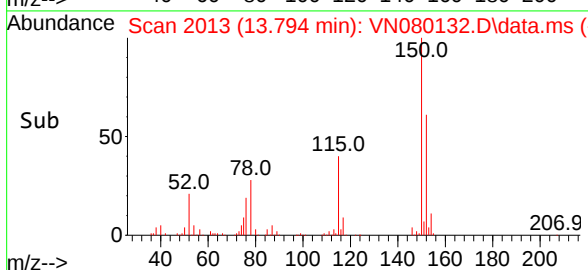
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

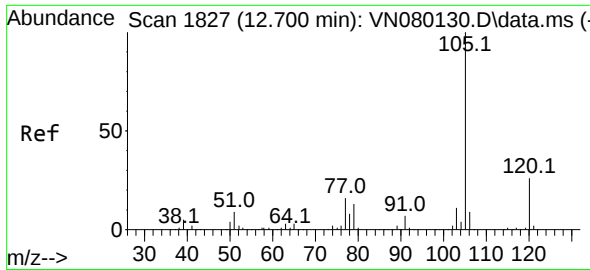


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46



Tgt Ion:152 Resp: 168429
Ion Ratio Lower Upper
152 100
115 66.8 32.3 96.8
150 164.0 0.0 355.8





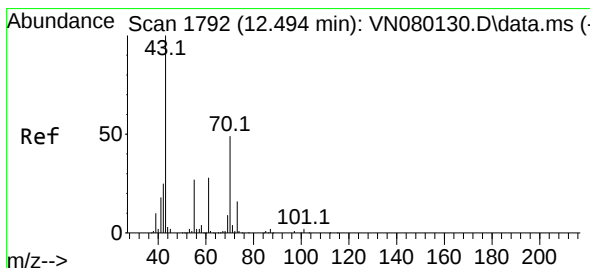
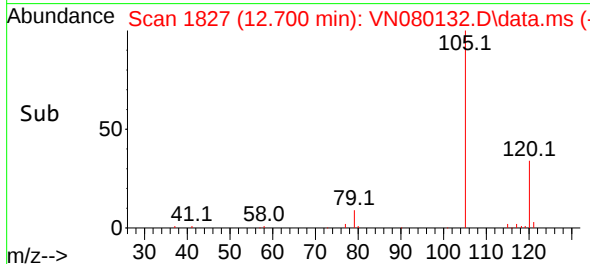
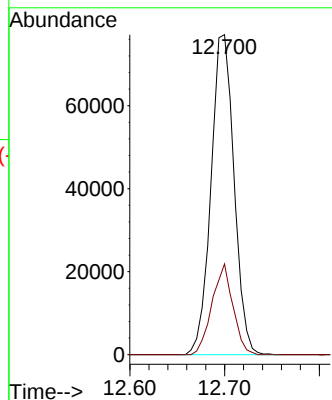
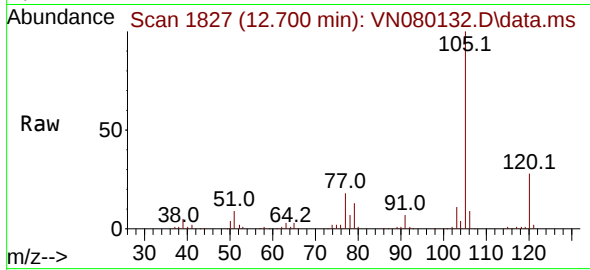
#73
Isopropylbenzene
Concen: 9.963 ug/l
RT: 12.700 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 13040
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

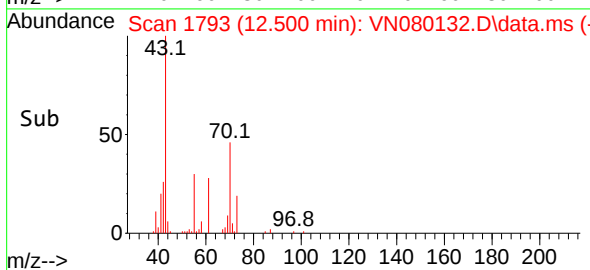
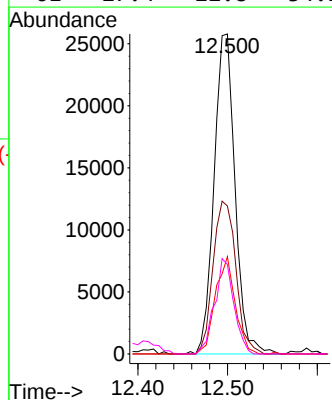
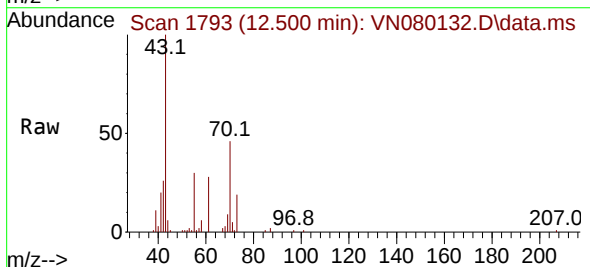
Manual Integrations
APPROVED

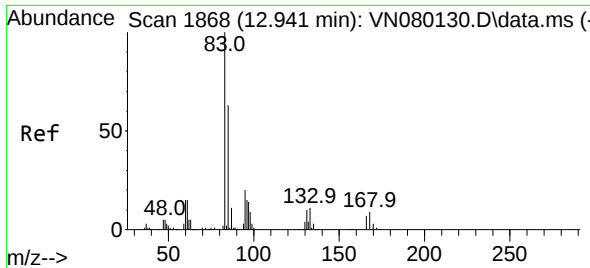
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#74
N-ethyl acetate
Concen: 10.251 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

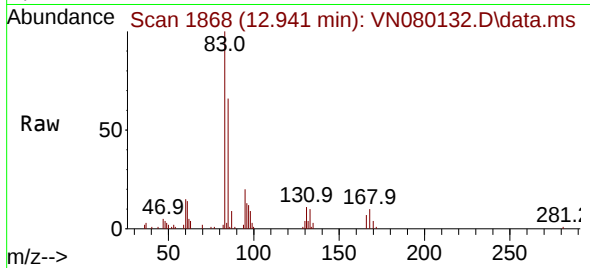
Tgt Ion: 43 Resp: 41839
Ion Ratio Lower Upper
43 100
70 52.0 43.4 65.2
55 28.9 21.4 32.0
61 27.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 10.454 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

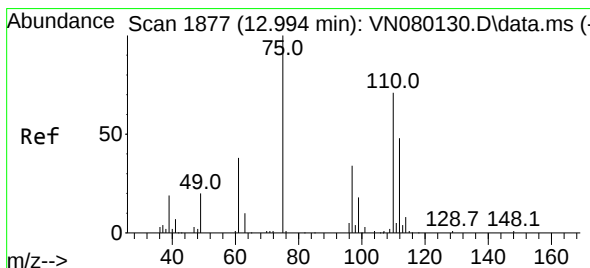
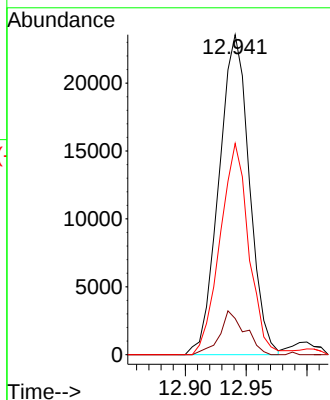
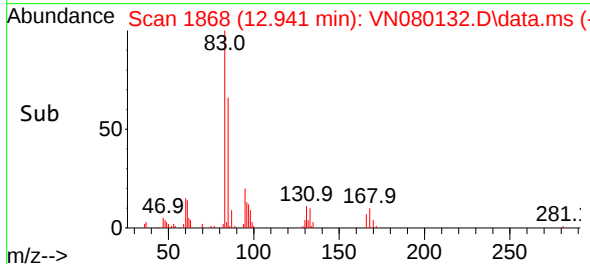
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



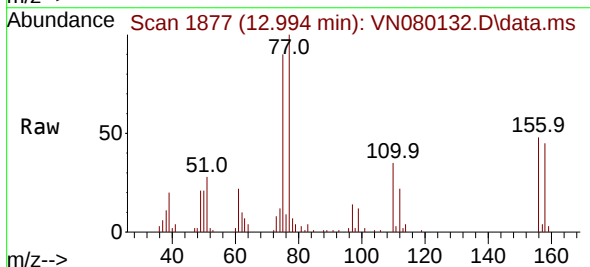
Tgt Ion: 83 Resp: 40949
Ion Ratio Lower Upper
83 100
131 11.4 5.0 15.0
85 62.7 31.9 95.7

Manual Integrations
APPROVED

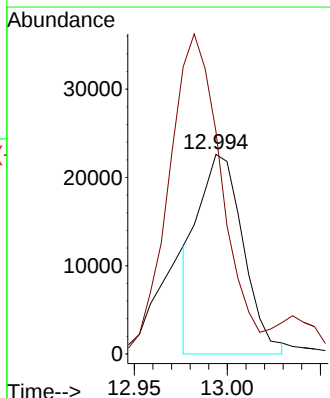
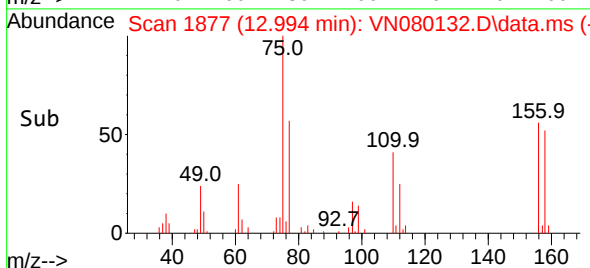
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

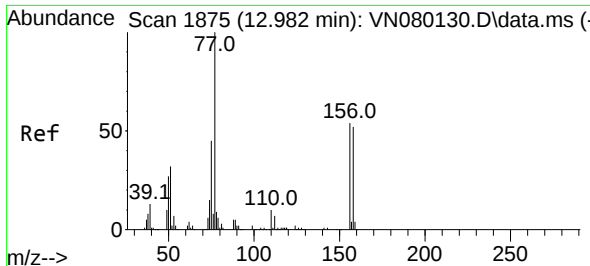


#76
1,2,3-Trichloropropane
Concen: 9.392 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46



Tgt Ion: 75 Resp: 38568
Ion Ratio Lower Upper
75 100
77 185.2 84.5 253.5





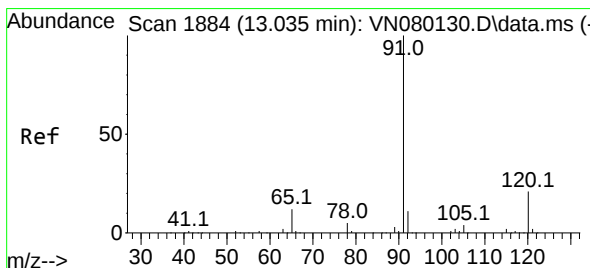
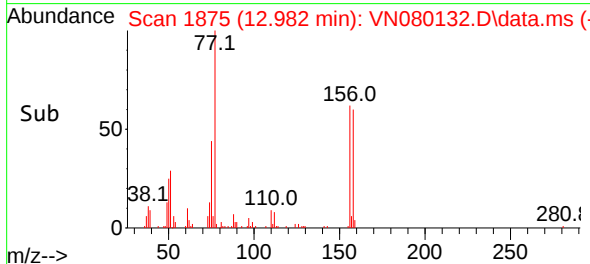
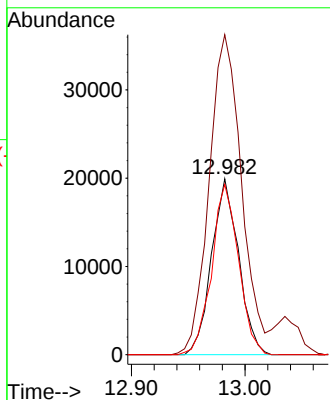
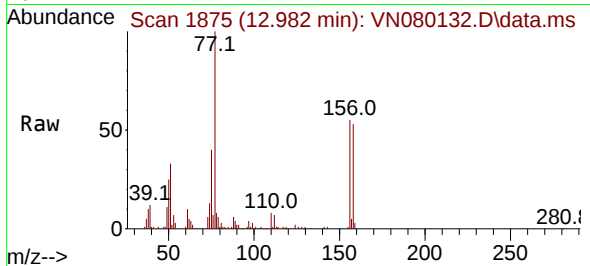
#77
Bromobenzene
Concen: 9.986 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 3295
Ion Ratio Lower Upper
156 100
77 216.8 107.7 323.3
158 96.3 48.4 145.3

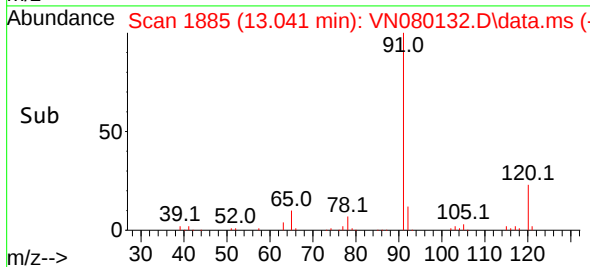
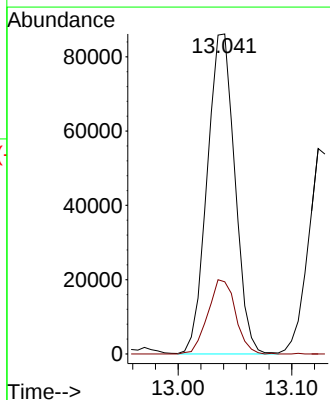
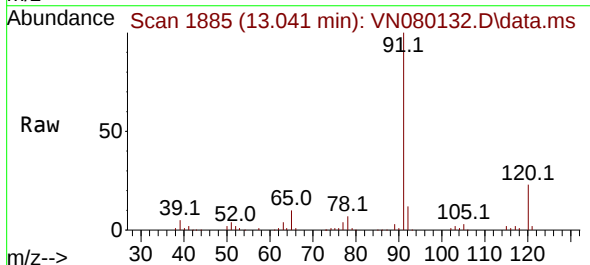
Manual Integrations
APPROVED

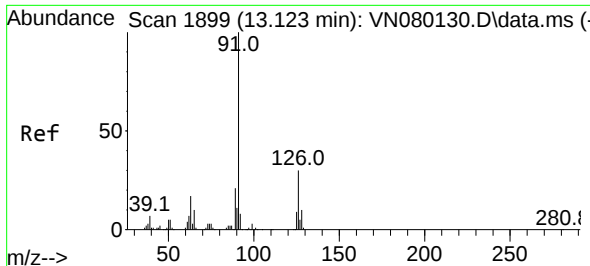
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#78
n-propylbenzene
Concen: 9.973 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Tgt Ion: 91 Resp: 145956
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





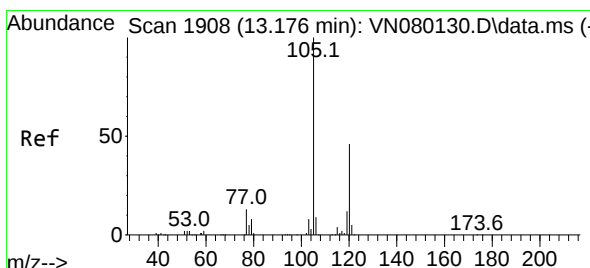
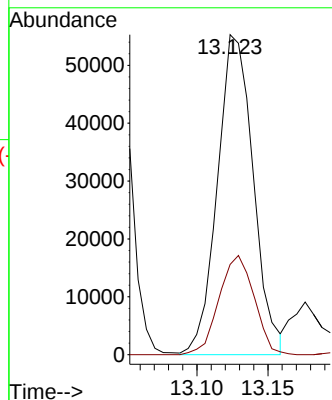
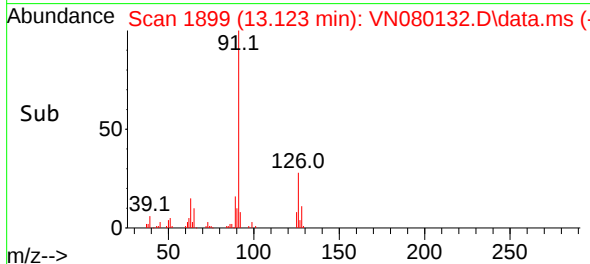
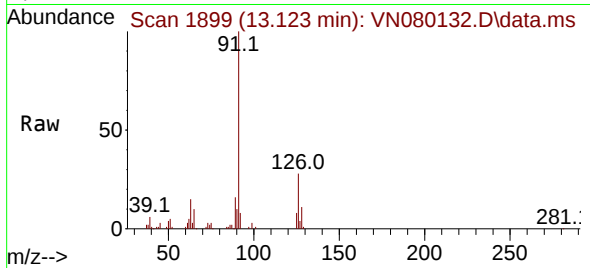
#79
2-Chlorotoluene
Concen: 10.226 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 9720
Ion Ratio Lower Upper
91 100
126 30.3 16.3 48.8

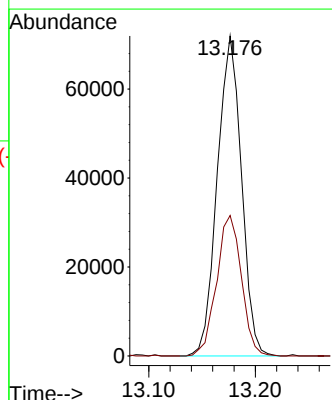
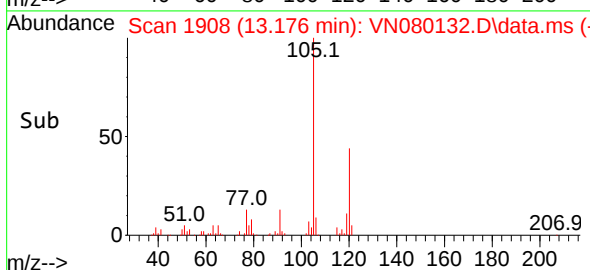
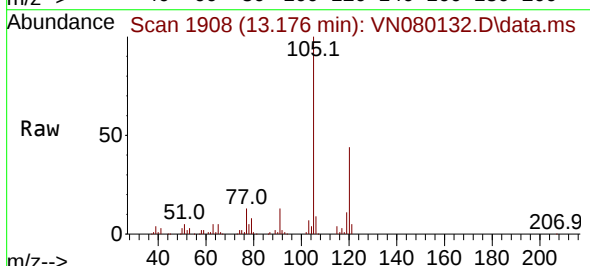
Manual Integrations
APPROVED

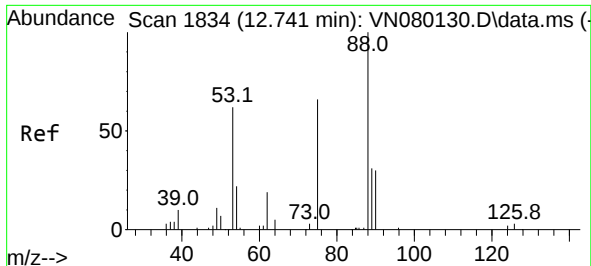
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 9.946 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Tgt Ion:105 Resp: 113312
Ion Ratio Lower Upper
105 100
120 45.1 24.1 72.3





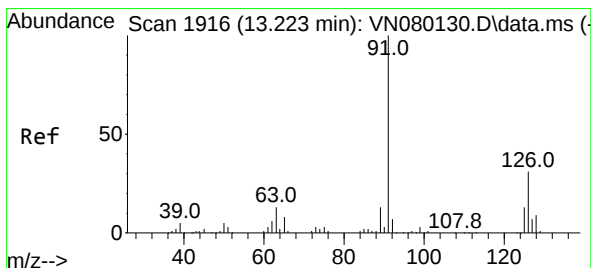
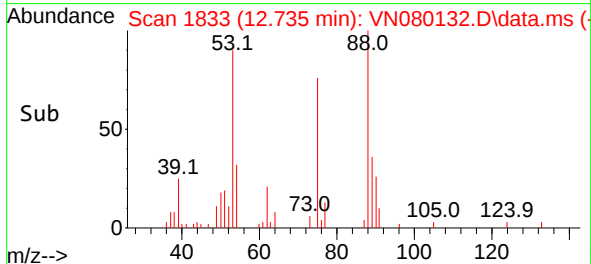
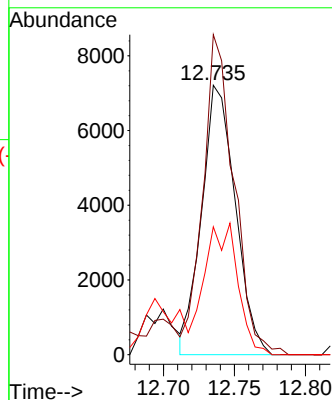
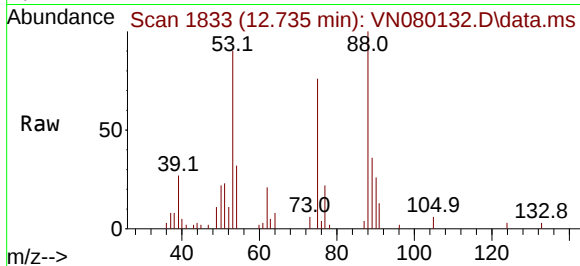
#81
trans-1,4-Dichloro-2-butene
Concen: 9.742 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 11900
Ion Ratio Lower Upper
75 100
53 109.3 67.4 101.2
89 47.8 38.8 58.2

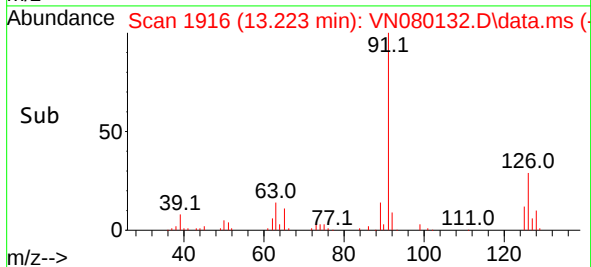
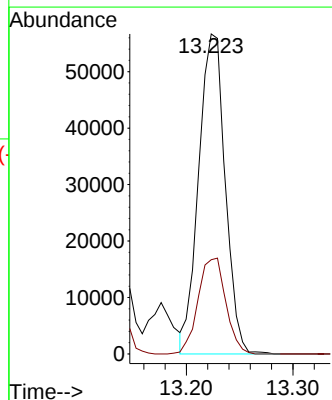
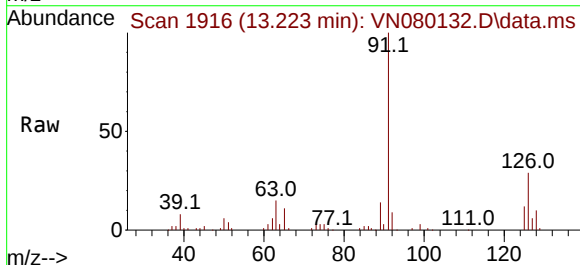
Manual Integrations
APPROVED

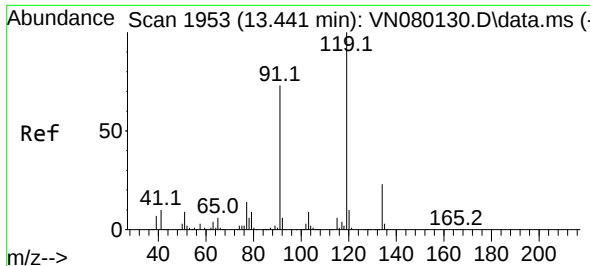
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#82
4-Chlorotoluene
Concen: 10.105 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

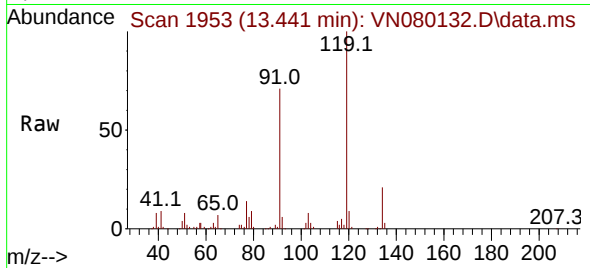
Tgt Ion: 91 Resp: 98402
Ion Ratio Lower Upper
91 100
126 31.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 9.814 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

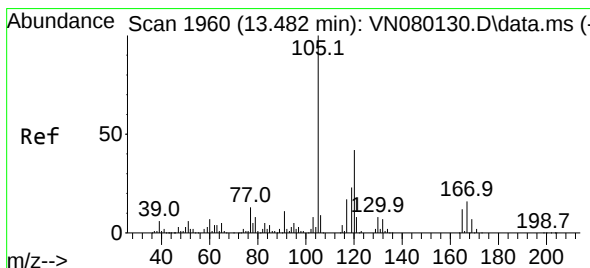
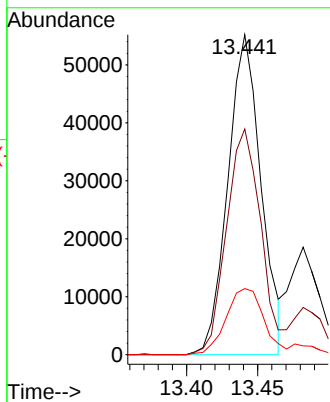
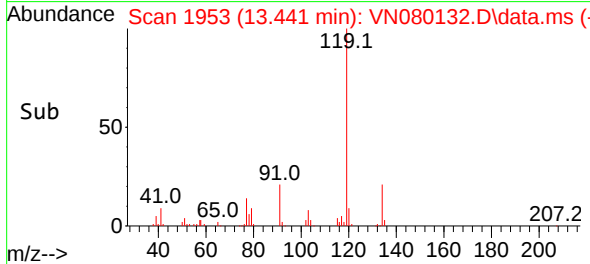
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



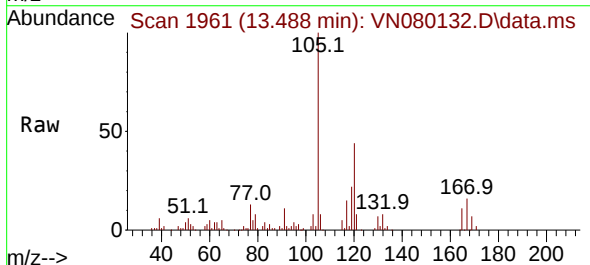
Tgt Ion:119 Resp: 89662
Ion Ratio Lower Upper
119 100
91 74.1 33.9 101.7
134 23.5 13.2 39.6

Manual Integrations
APPROVED

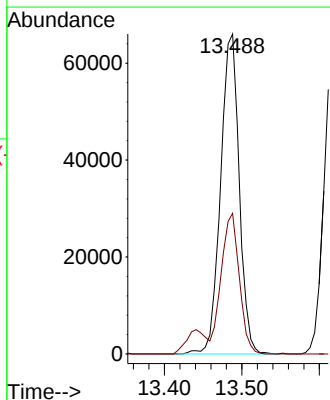
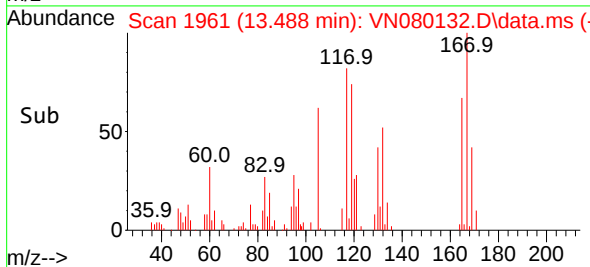
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

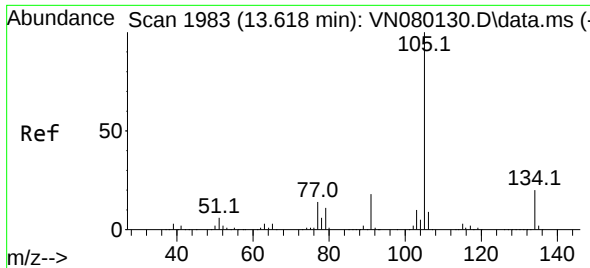


#84
1,2,4-Trimethylbenzene
Concen: 9.821 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46



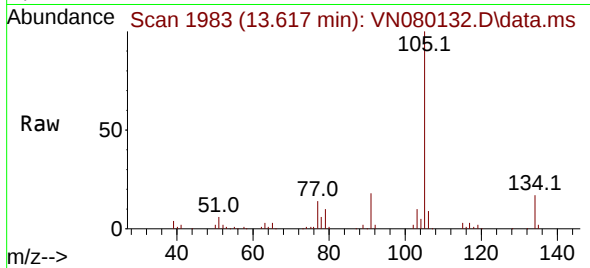
Tgt Ion:105 Resp: 110181
Ion Ratio Lower Upper
105 100
120 42.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 9.852 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080132.D
 Acq: 16 Nov 2023 12:46

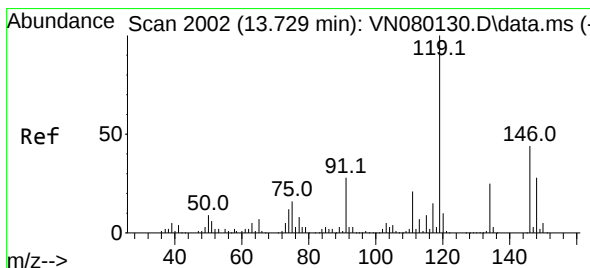
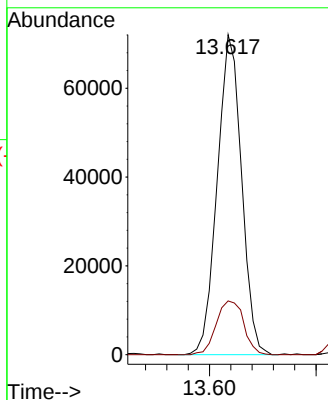
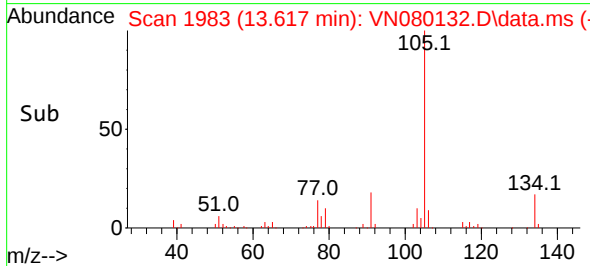
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



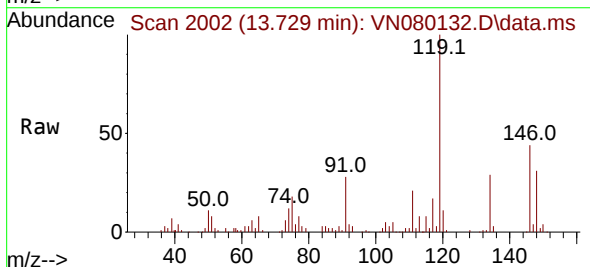
Tgt Ion:105 Resp: 113870
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3

Manual Integrations
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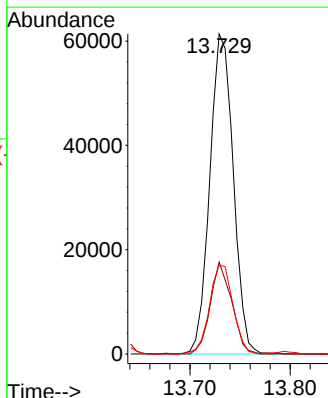
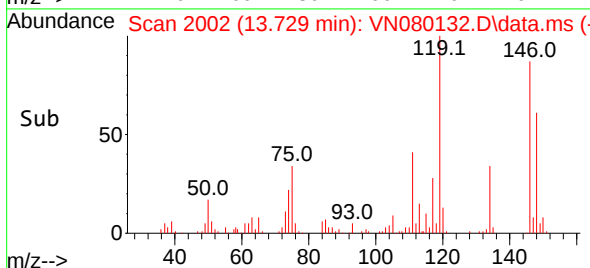
Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023

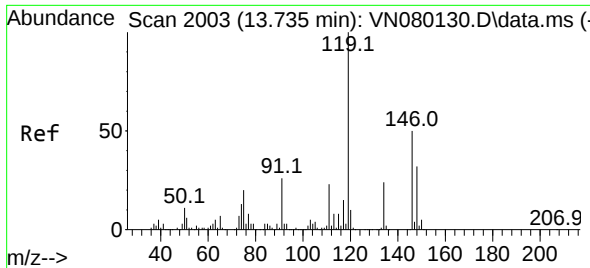


#86
 p-Isopropyltoluene
 Concen: 9.674 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080132.D
 Acq: 16 Nov 2023 12:46



Tgt Ion:119 Resp: 99887
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 27.8 12.4 37.2





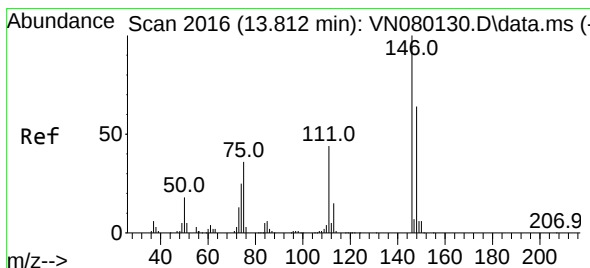
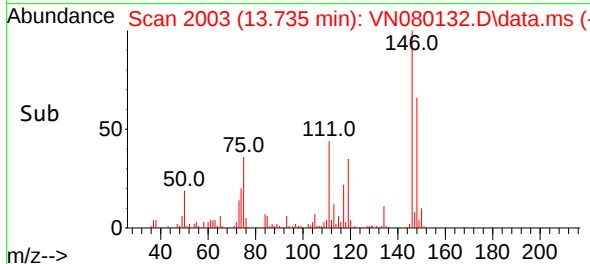
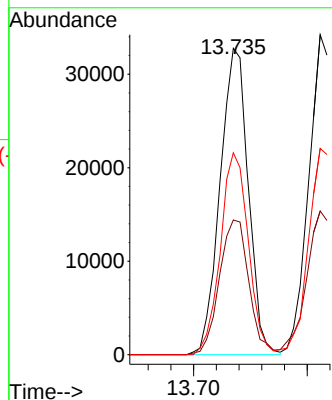
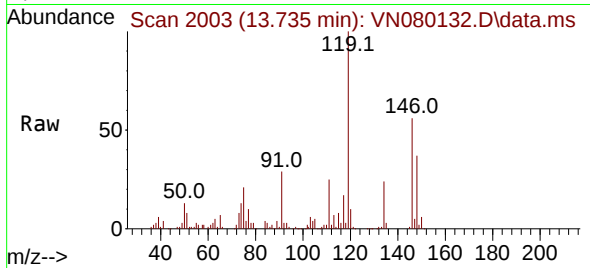
#87
1,3-Dichlorobenzene
Concen: 9.512 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 5655
Ion Ratio Lower Upper
146 100
111 45.9 22.1 66.3
148 65.1 32.0 96.0

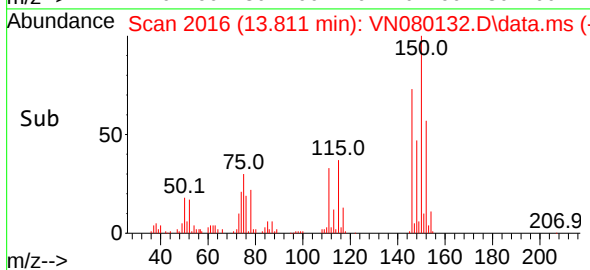
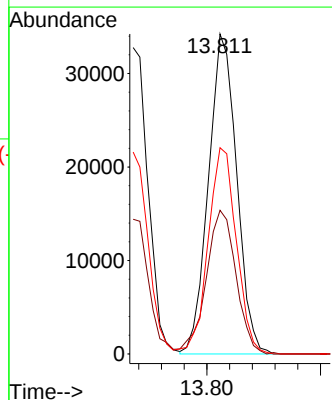
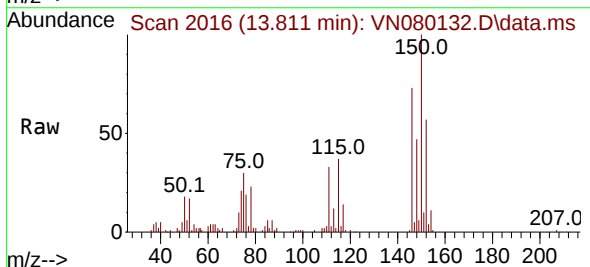
Manual Integrations
APPROVED

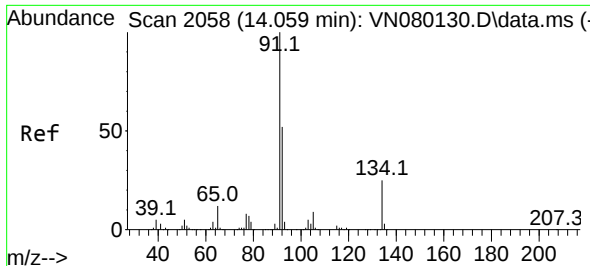
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#88
1,4-Dichlorobenzene
Concen: 9.877 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Tgt Ion:146 Resp: 59013
Ion Ratio Lower Upper
146 100
111 47.6 20.6 61.8
148 64.6 31.6 94.8





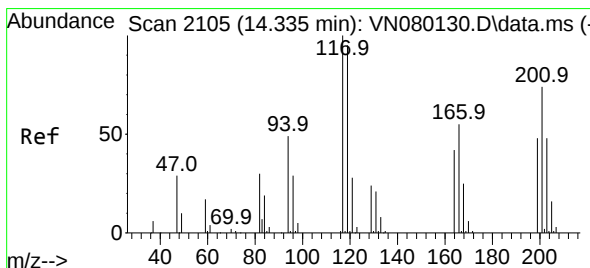
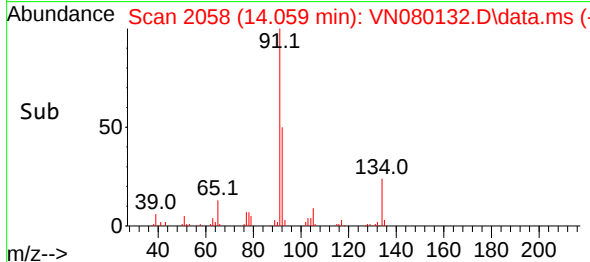
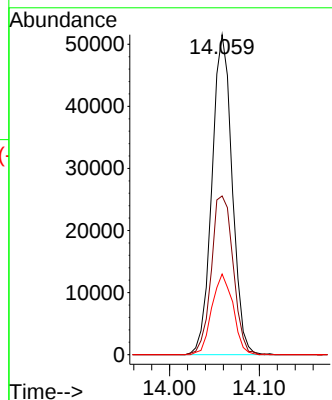
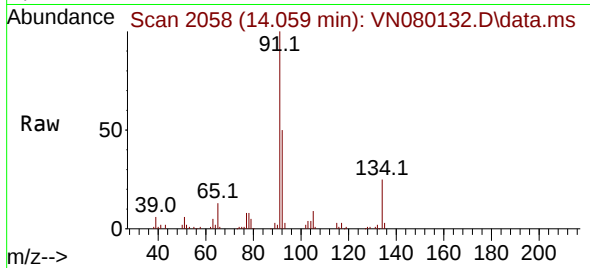
#89
n-Butylbenzene
Concen: 9.328 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 80608
Ion Ratio Lower Upper
91 100
92 53.8 26.4 79.0
134 26.4 12.6 37.6

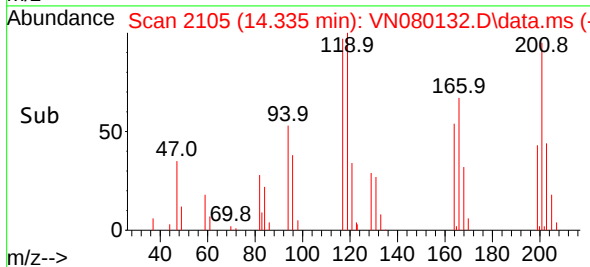
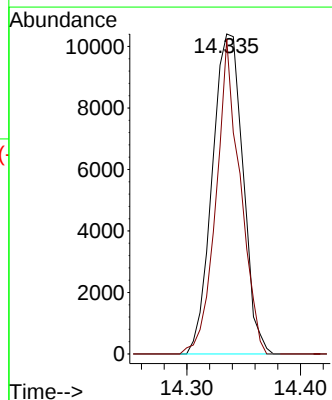
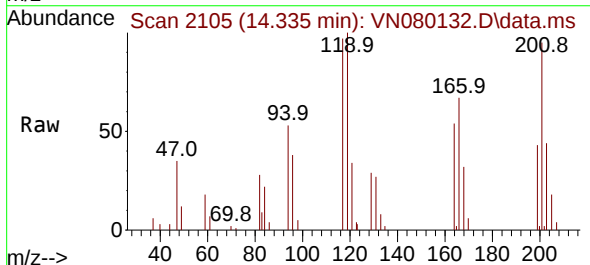
Manual Integrations
APPROVED

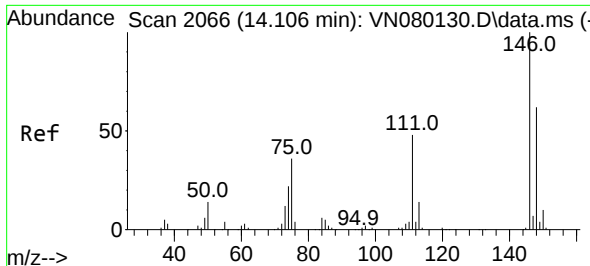
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#90
Hexachloroethane
Concen: 9.708 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

Tgt Ion:117 Resp: 19541
Ion Ratio Lower Upper
117 100
201 77.2 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 9.775 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN080132.D

Acq: 16 Nov 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

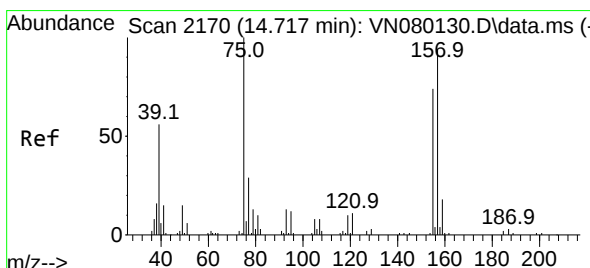
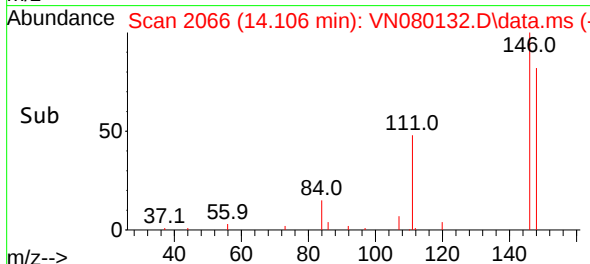
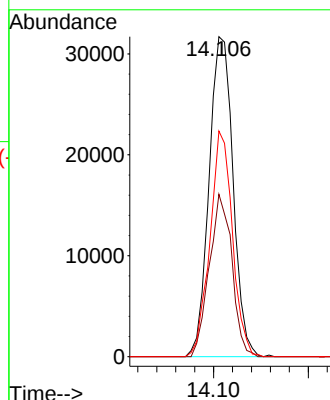
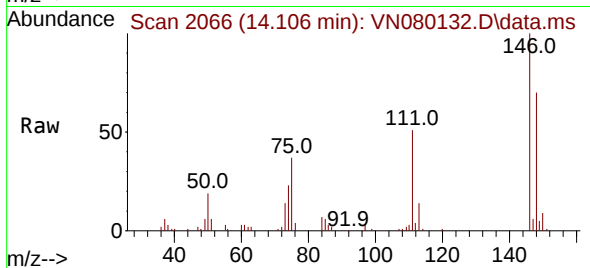
Tgt Ion:146 Resp: 55612
 Ion Ratio Lower Upper
 146 100
 111 48.0 22.0 66.0
 148 66.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2023

Supervised By :Mahesh Dadoda 11/17/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.011 ug/l

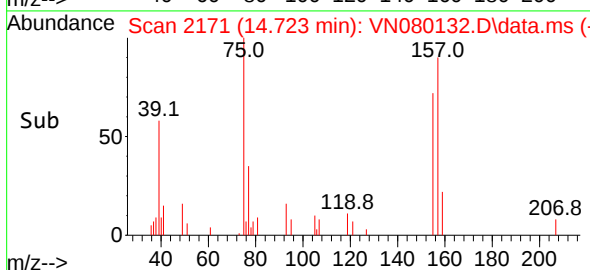
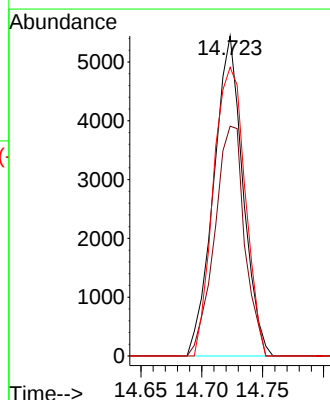
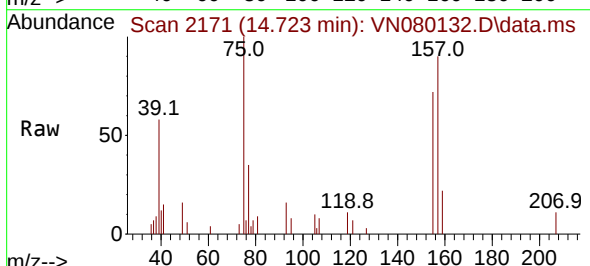
RT: 14.723 min Scan# 2171

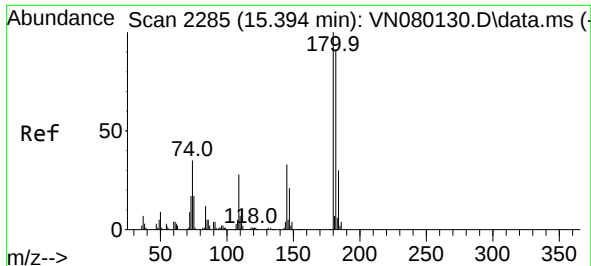
Delta R.T. 0.006 min

Lab File: VN080132.D

Acq: 16 Nov 2023 12:46

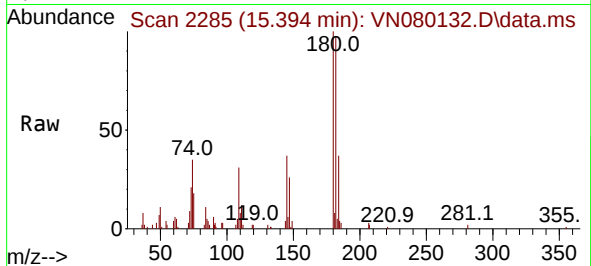
Tgt Ion: 75 Resp: 9109
 Ion Ratio Lower Upper
 75 100
 155 73.6 39.1 117.2
 157 97.6 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 9.164 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

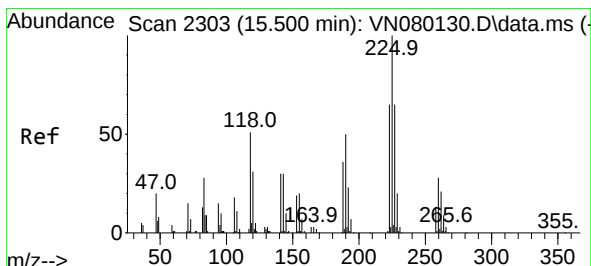
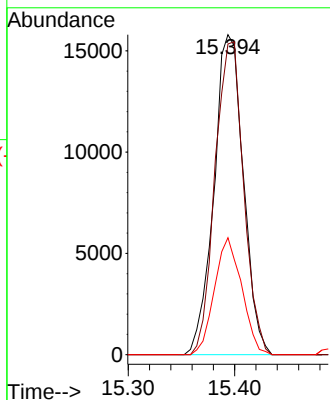
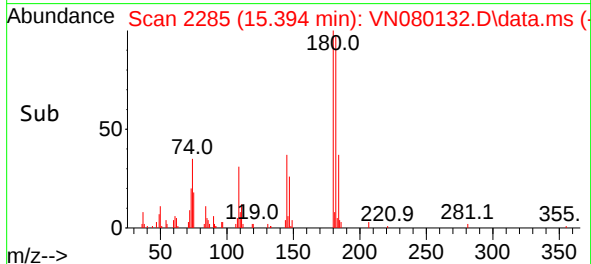
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:180 Resp: 3032
Ion Ratio Lower Upper
180 100
182 94.7 46.1 138.2
145 33.9 16.6 49.8

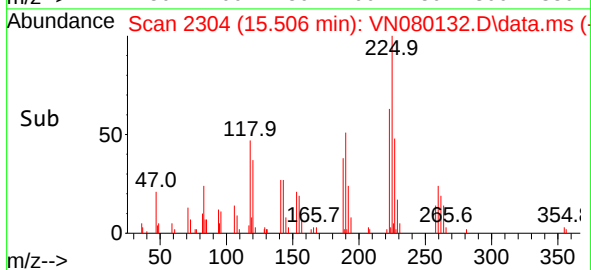
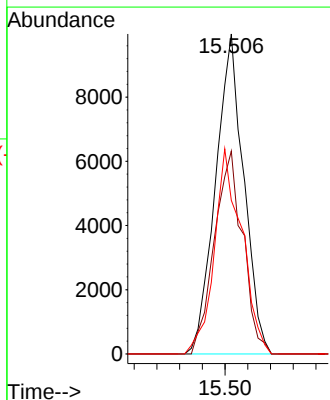
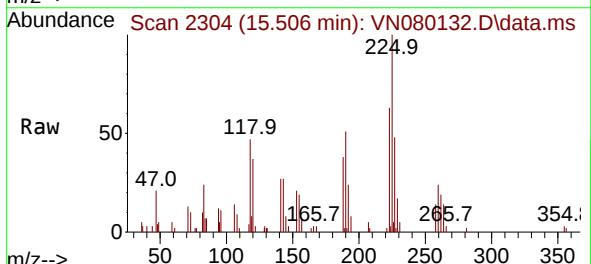
Manual Integrations
APPROVED

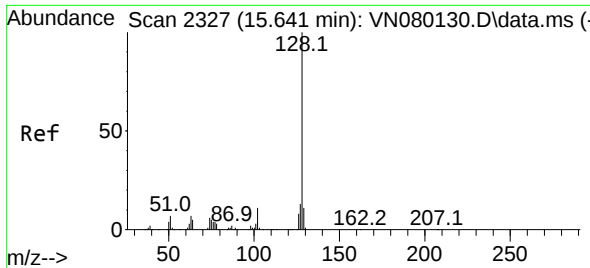
Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#94
Hexachlorobutadiene
Concen: 9.021 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.005 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

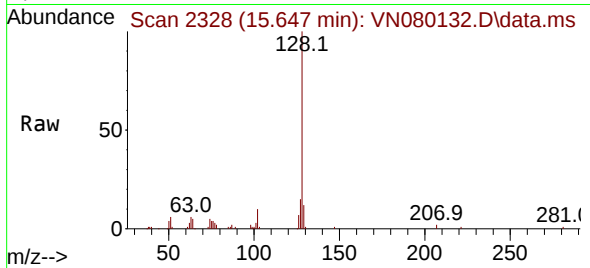
Tgt Ion:225 Resp: 17178
Ion Ratio Lower Upper
225 100
223 63.8 31.3 93.8
227 62.5 31.9 95.9





#95
Naphthalene
Concen: 9.447 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46

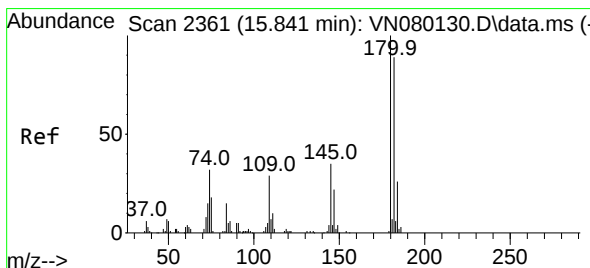
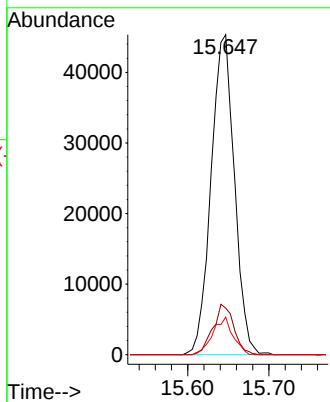
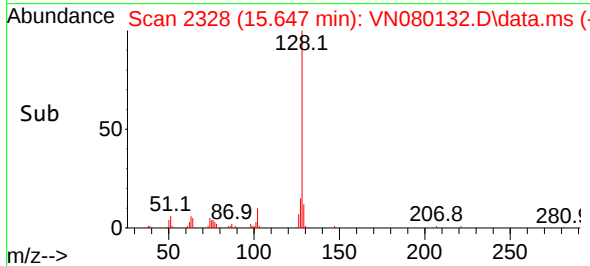
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



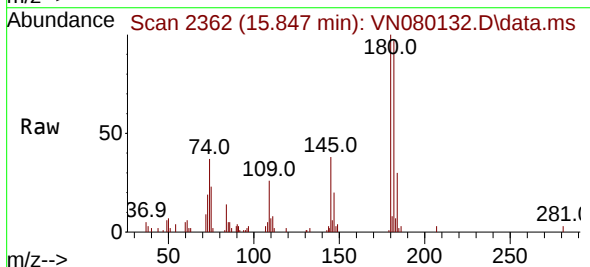
Tgt Ion:128 Resp: 90640
Ion Ratio Lower Upper
128 100
127 14.1 10.0 15.0
129 10.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 9.482 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080132.D
Acq: 16 Nov 2023 12:46



Tgt Ion:180 Resp: 29407
Ion Ratio Lower Upper
180 100
182 98.8 46.2 138.6
145 36.9 17.5 52.6

