

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062023\
 Data File : VN078298.D
 Acq On : 20 Jun 2023 10:26
 Operator : JC\MD
 Sample : VN0620MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620MBL01

Quant Time: Jun 21 05:42:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	427933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	786797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	682141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	202965	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	300570	52.679	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.360%	
35) Dibromofluoromethane	8.177	113	275325	55.344	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.680%	
50) Toluene-d8	10.570	98	911712	47.538	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.080%	
62) 4-Bromofluorobenzene	12.853	95	278779	46.759	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.520%	

Target Compounds			Qvalue			
3) Chloromethane	2.371	50	966	Below Cal	#	88
5) Bromomethane	2.977	94	2410	0.503	ug/l #	71
6) Chloroethane	3.124	64	1375	0.318	ug/l #	43
10) Methyl Iodide	4.624	142	1793	0.280	ug/l #	59
11) Tert butyl alcohol	5.536	59	347	0.440	ug/l #	72
13) Acrolein	4.194	56	247	0.284	ug/l #	1
15) Acrylonitrile	5.724	53	754	0.371	ug/l #	34
16) Acetone	4.453	43	1656	1.008	ug/l	93
17) Carbon Disulfide	4.724	76	3811	0.317	ug/l #	92
18) Methyl Acetate	5.047	43	2878	0.381	ug/l #	79
25) 2-Butanone	7.500	43	634	0.251	ug/l	91
31) Cyclohexane	8.229	56	9730	1.329	ug/l #	24
36) 1,1-Dichloropropene	8.235	75	38771	5.433	ug/l #	47
38) Carbon Tetrachloride	8.229	117	44828	5.950	ug/l #	17
39) Methylcyclohexane	9.606	83	3064	0.414	ug/l #	79
43) Isopropyl Acetate	8.729	43	10633	0.997	ug/l #	49
51) 4-Methyl-2-Pentanone	10.459	43	2470	0.440	ug/l #	65
58) 2-Chloroethyl Vinyl ether	10.171	63	2377	0.794	ug/l #	73
59) 2-Hexanone	11.206	43	3619	0.926	ug/l	73
68) m/p-Xylenes	12.076	106	2003	0.209	ug/l	82
74) N-amyl acetate	12.500	43	1835	0.290	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.947	83	946	Below Cal	#	96
76) 1,2,3-Trichloropropane	12.853	75	150935	31.457	ug/l #	1
77) Bromobenzene	12.988	156	1189	0.267	ug/l	80
78) n-propylbenzene	13.041	91	4249	0.204	ug/l	87
81) trans-1,4-Dichloro-2-b...	12.853	75	150935	96.645	ug/l #	15
82) 4-Chlorotoluene	13.229	91	3302	0.263	ug/l	96
83) tert-Butylbenzene	13.447	119	4843	0.359	ug/l	91
84) 1,2,4-Trimethylbenzene	13.488	105	3531	0.234	ug/l	93
85) sec-Butylbenzene	13.623	105	9711	0.549	ug/l	84
86) p-Isopropyltoluene	13.735	119	8371	0.583	ug/l	96
87) 1,3-Dichlorobenzene	13.741	146	2852	0.378	ug/l	94
88) 1,4-Dichlorobenzene	13.741	146	2852	0.392	ug/l	96
89) n-Butylbenzene	14.053	91	9348	0.826	ug/l	95
90) Hexachloroethane	14.347	117	1402	0.551	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	2959	0.402	ug/l	90

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Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

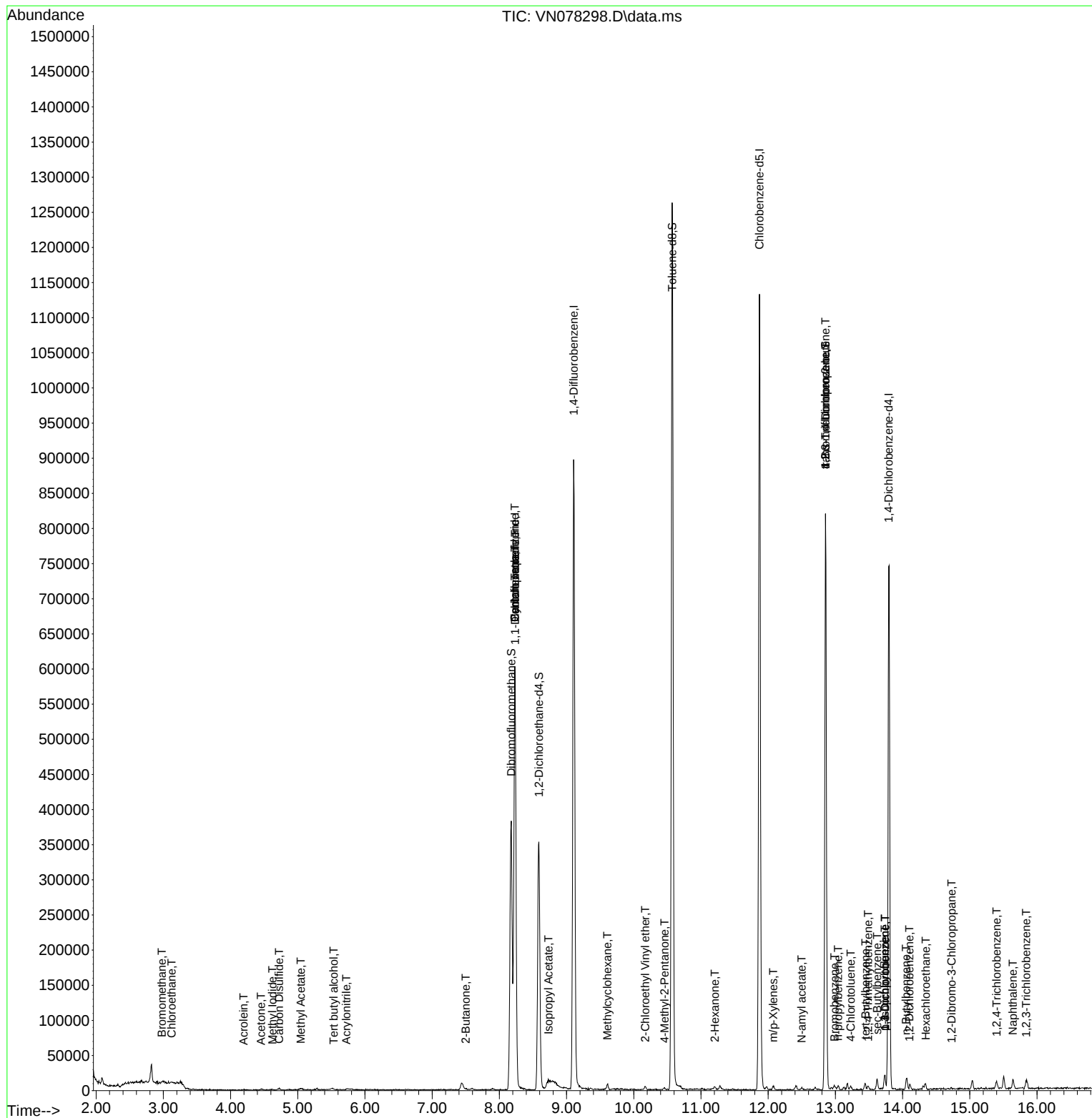
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.729	75	543	0.571	ug/l	78
93) 1,2,4-Trichlorobenzene	15.400	180	3792	1.445	ug/l	93
94) Hexachlorobutadiene	15.517	225	3401	Below Cal		94
95) Naphthalene	15.641	128	11075	1.255	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.841	180	4505	1.535	ug/l	97

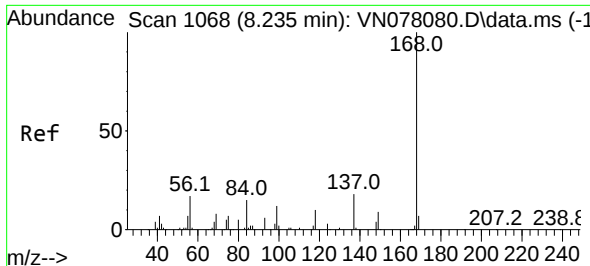
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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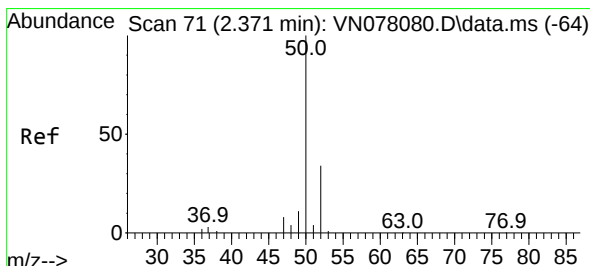
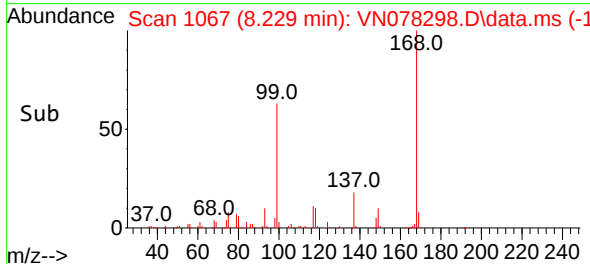
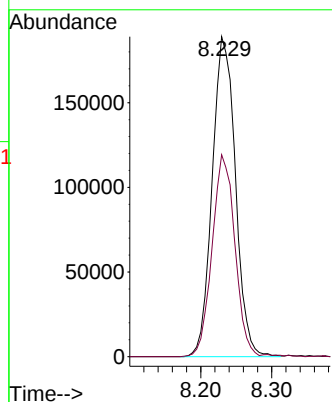
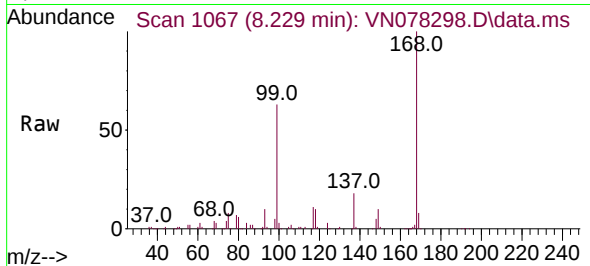




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

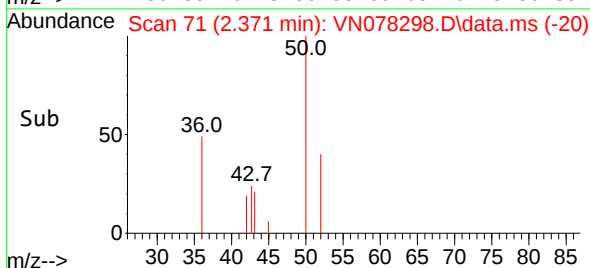
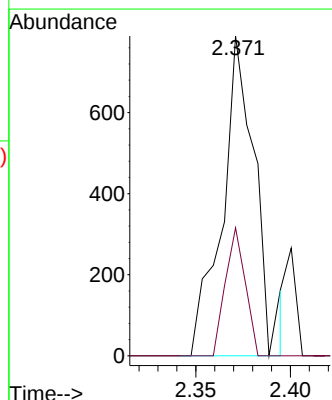
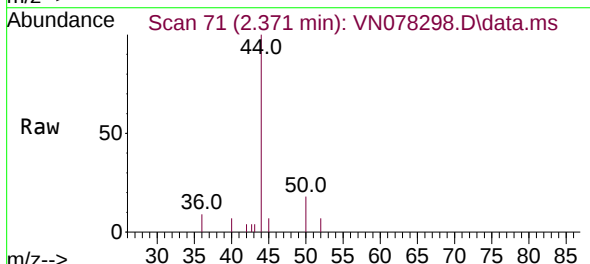
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

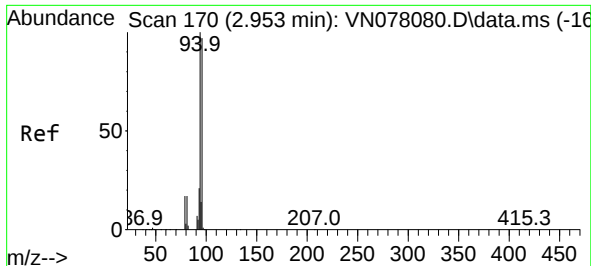
Tgt Ion:168 Resp: 427933
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

Tgt Ion: 50 Resp: 966
Ion Ratio Lower Upper
50 100
52 40.1 26.5 39.7#

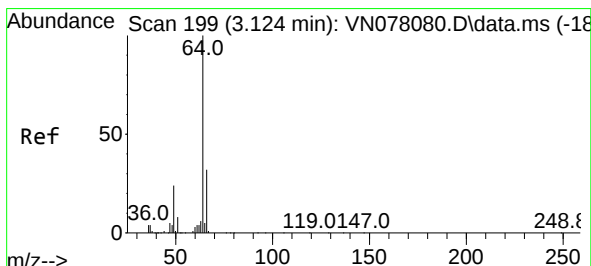
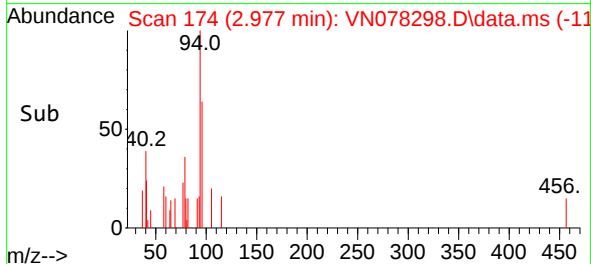
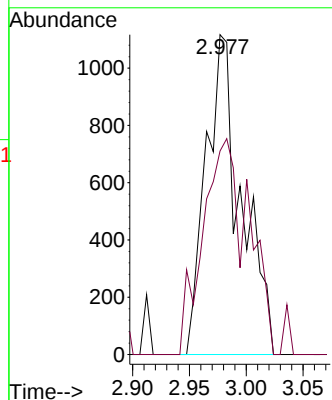
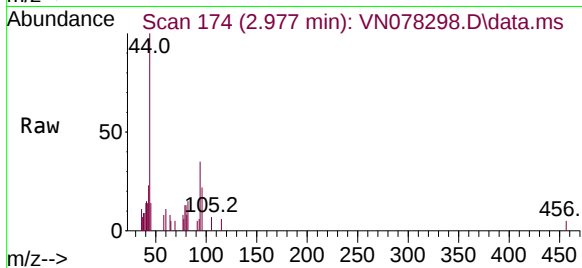




#5
Bromomethane
Concen: 0.503 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

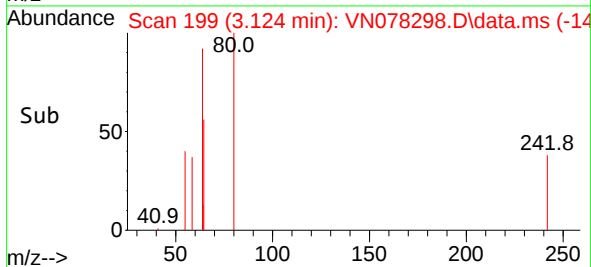
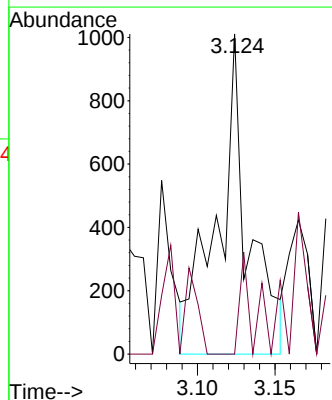
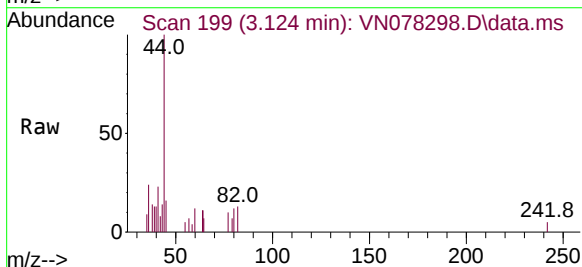
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

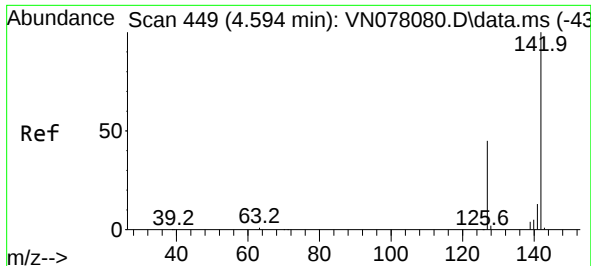
Tgt Ion: 94 Resp: 2410
Ion Ratio Lower Upper
94 100
96 63.7 73.1 109.7#



#6
Chloroethane
Concen: 0.318 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

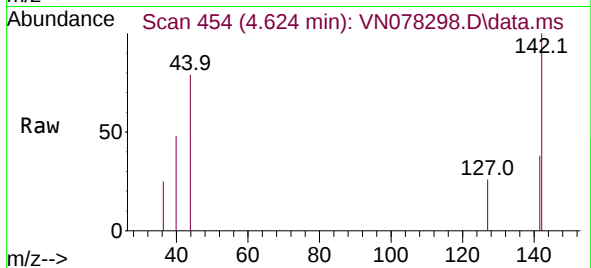
Tgt Ion: 64 Resp: 1375
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



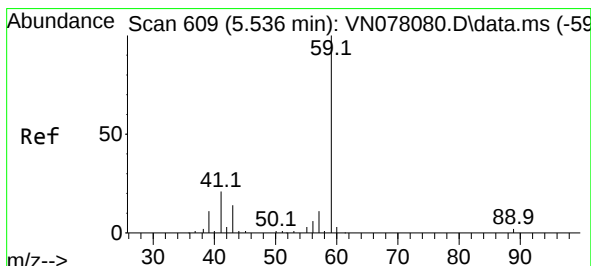
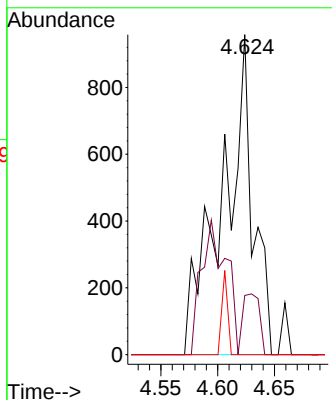
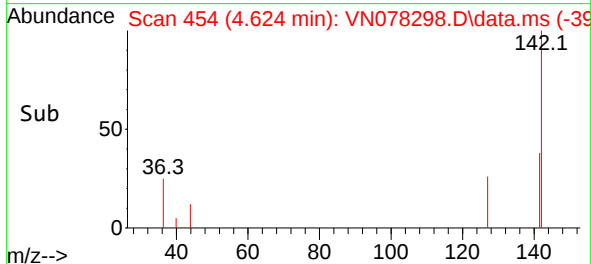


#10
Methyl Iodide
Concen: 0.280 ug/l
RT: 4.624 min Scan# 411
Delta R.T. 0.029 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

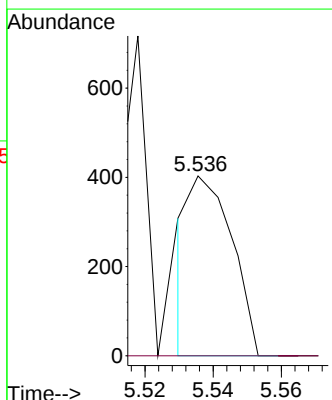
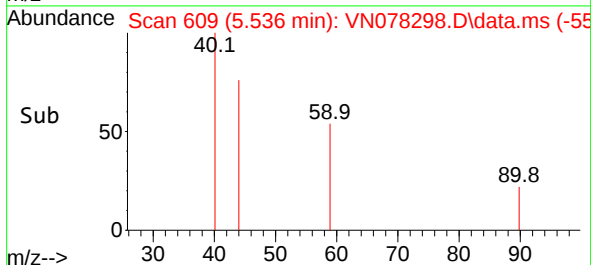
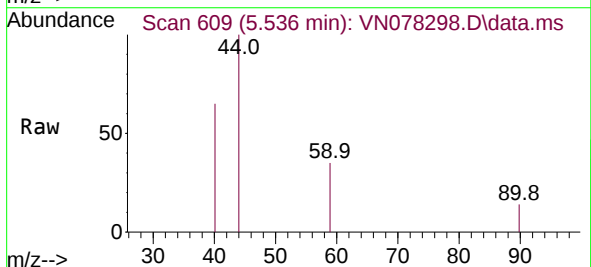


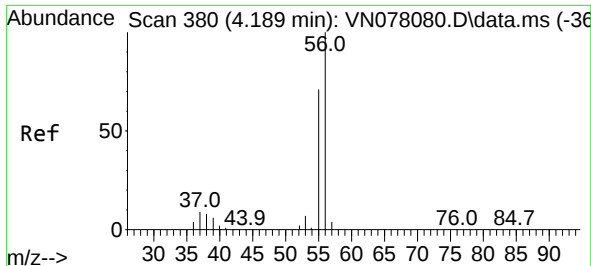
Tgt Ion:142 Resp: 1793
Ion Ratio Lower Upper
142 100
127 18.5 37.6 56.4#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.440 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

Tgt Ion: 59 Resp: 347
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

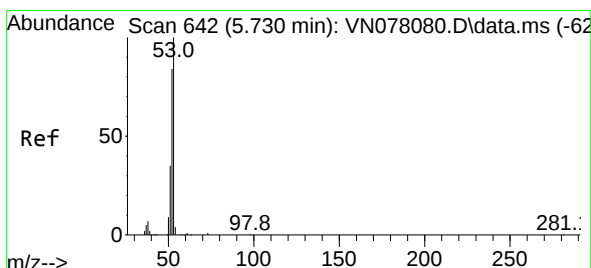
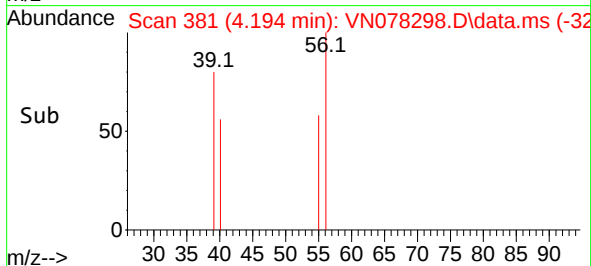
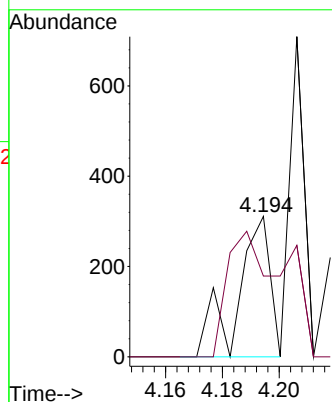
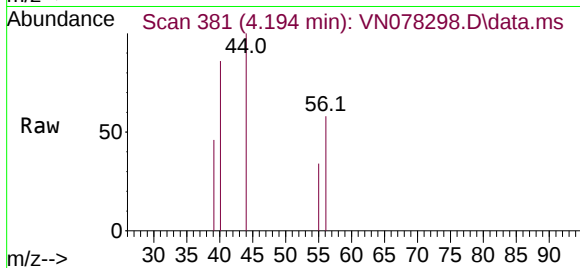




#13
Acrolein
Concen: 0.284 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

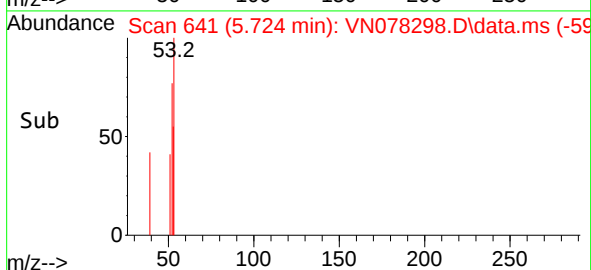
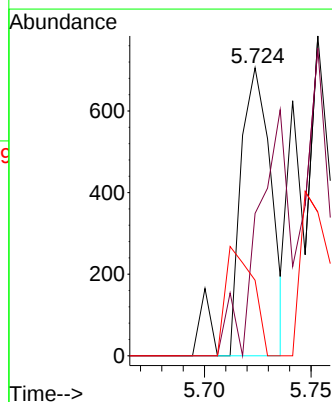
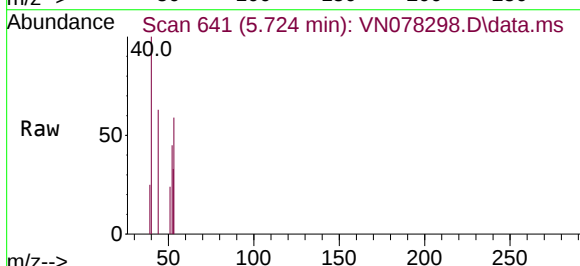
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

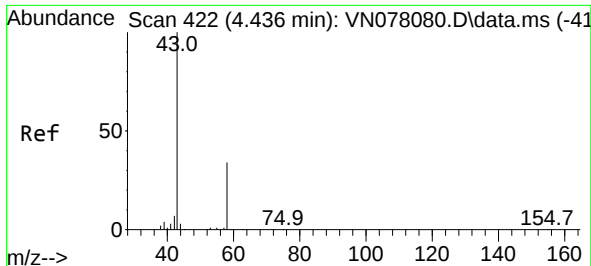
Tgt Ion: 56 Resp: 247
Ion Ratio Lower Upper
56 100
55 159.1 54.5 81.7#



#15
Acrylonitrile
Concen: 0.371 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

Tgt Ion: 53 Resp: 754
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 31.8 28.9 43.3





#16

Acetone

Concen: 1.008 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.018 min

Lab File: VN078298.D

Acq: 20 Jun 2023 10:26

Instrument :

MSVOA_N

ClientSampleId :

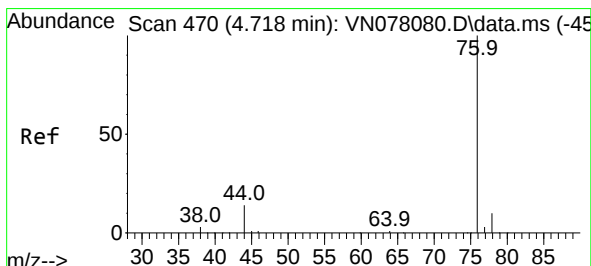
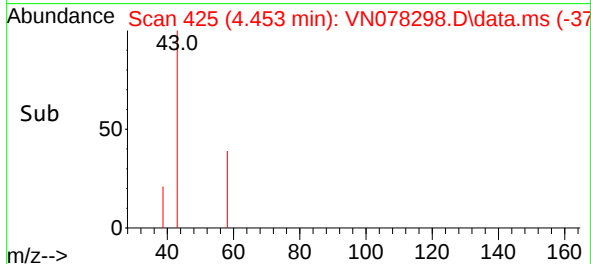
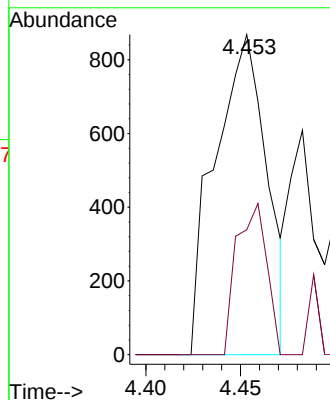
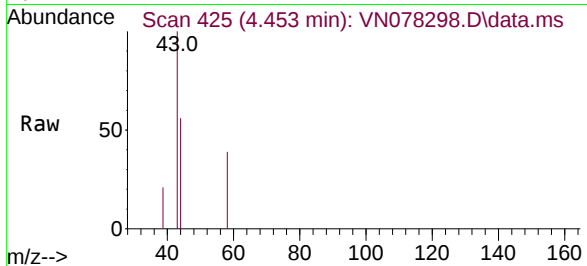
VN0620MBL01

Tgt Ion: 43 Resp: 1656

Ion Ratio Lower Upper

43 100

58 39.1 28.0 42.0



#17

Carbon Disulfide

Concen: 0.317 ug/l

RT: 4.724 min Scan# 471

Delta R.T. 0.006 min

Lab File: VN078298.D

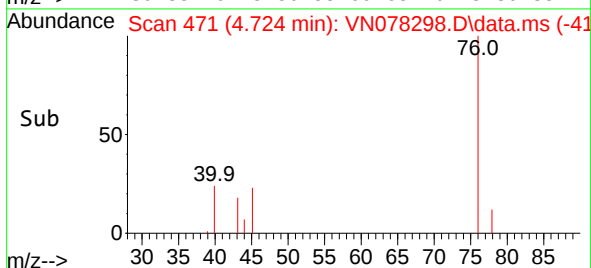
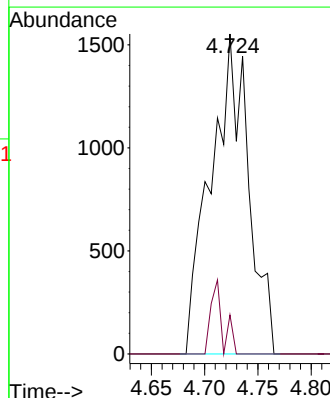
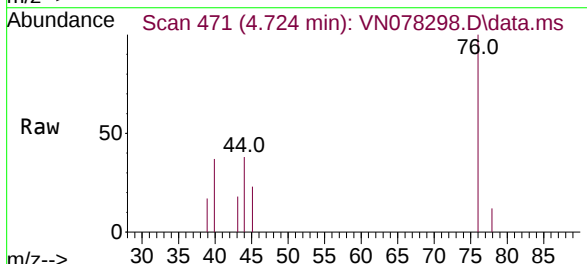
Acq: 20 Jun 2023 10:26

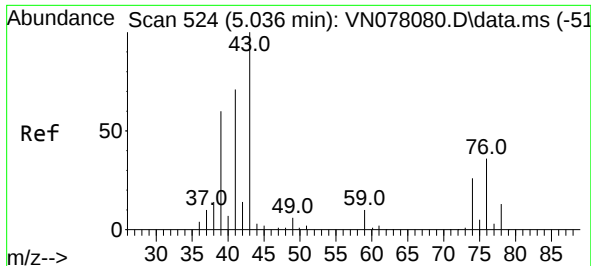
Tgt Ion: 76 Resp: 3811

Ion Ratio Lower Upper

76 100

78 12.2 7.4 11.0#

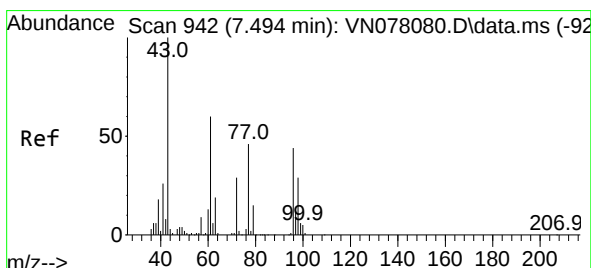
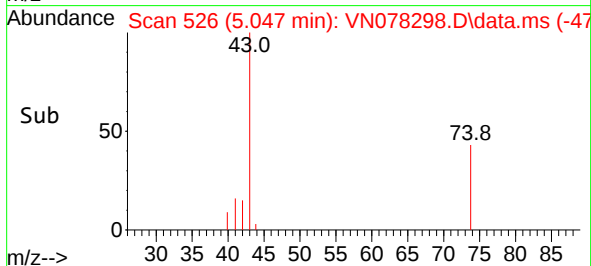
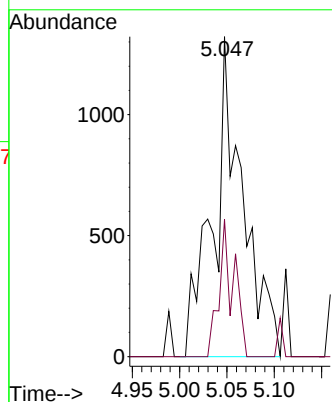
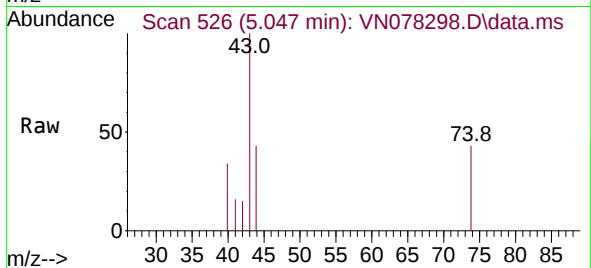




#18
Methyl Acetate
Concen: 0.381 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

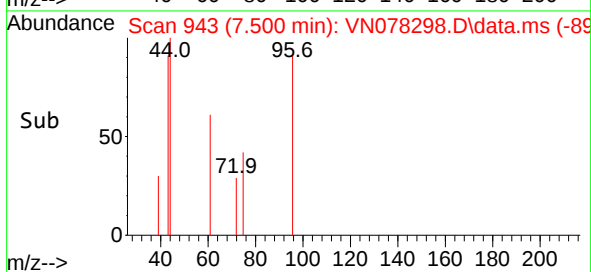
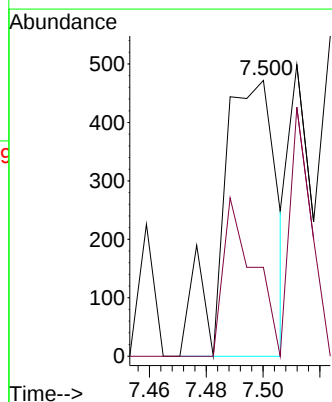
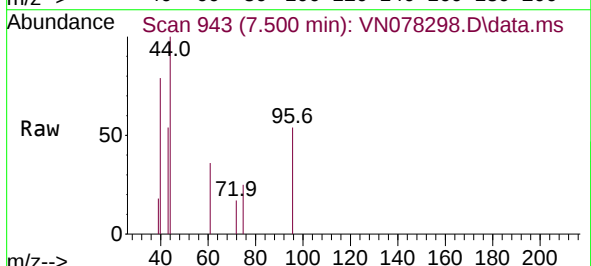
Instrument :
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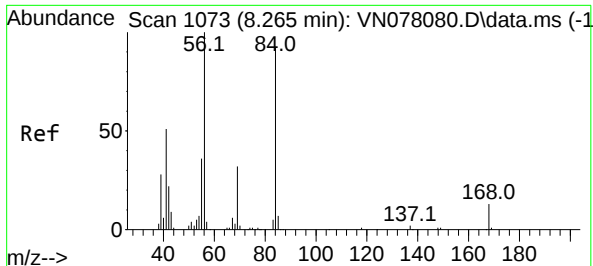
Tgt Ion: 43 Resp: 2878
Ion Ratio Lower Upper
43 100
74 21.2 26.2 39.4#



#25
2-Butanone
Concen: 0.251 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
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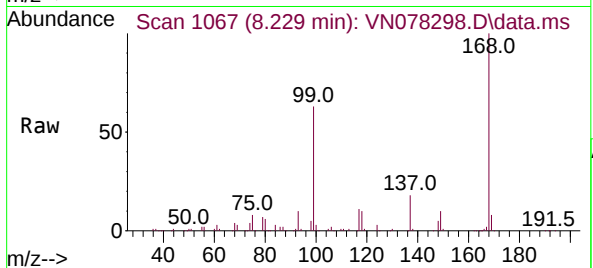
Tgt Ion: 43 Resp: 634
Ion Ratio Lower Upper
43 100
72 32.2 30.2 45.2



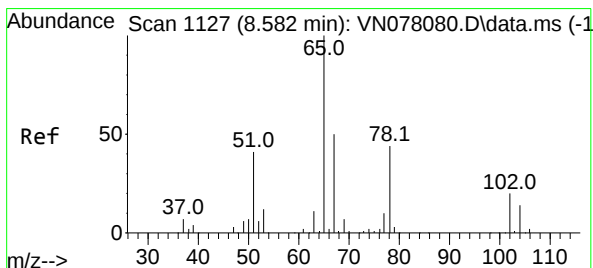
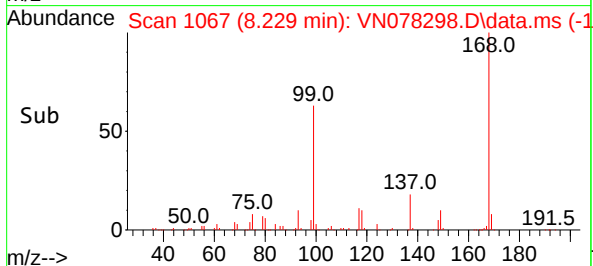
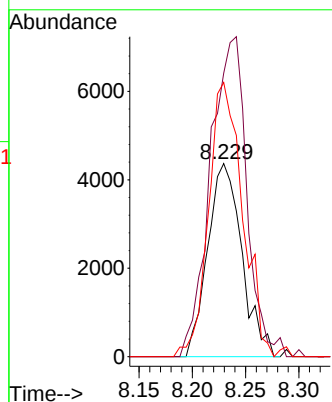


#31
Cyclohexane
Concen: 1.329 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

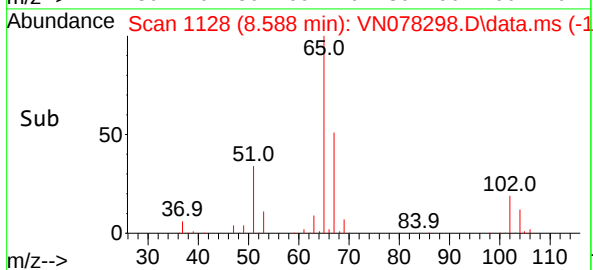
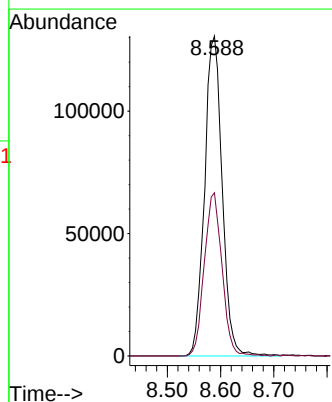
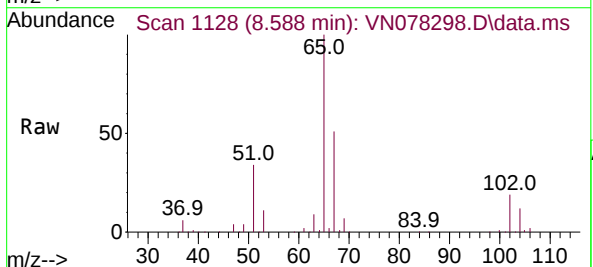


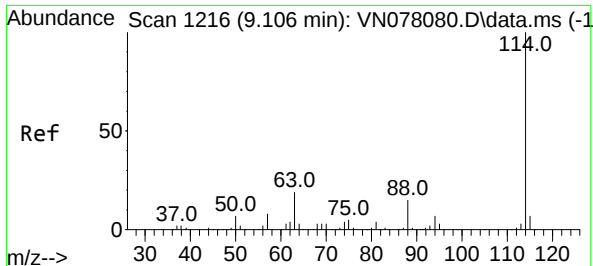
Tgt Ion: 56 Resp: 9730
Ion Ratio Lower Upper
56 100
69 146.8 26.8 40.2#
84 138.5 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 52.679 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

Tgt Ion: 65 Resp: 300570
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078298.D

Acq: 20 Jun 2023 10:26

Instrument :

MSVOA_N

ClientSampleId :

VN0620MBL01

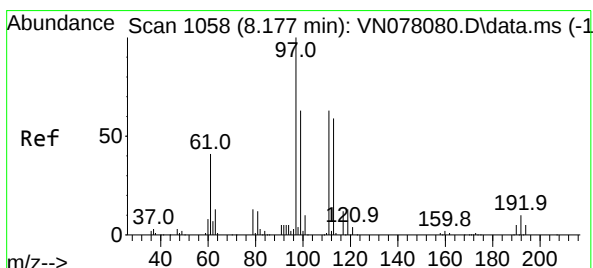
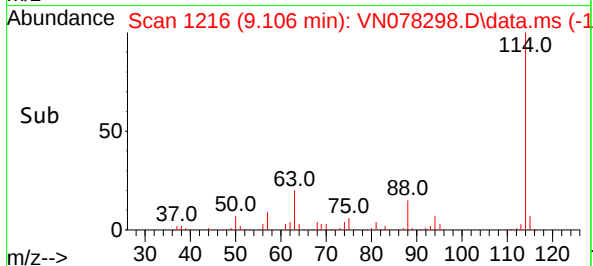
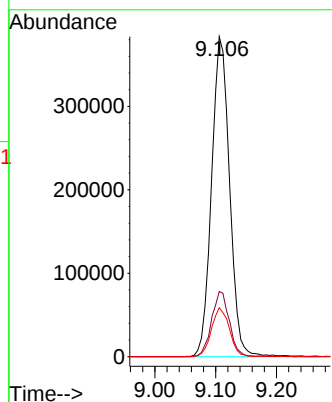
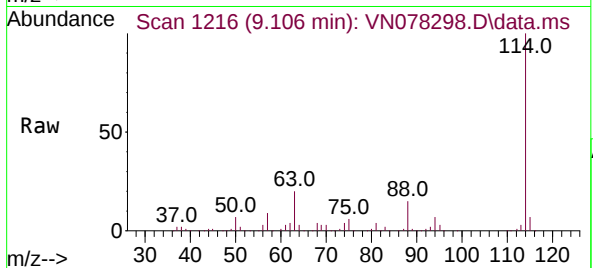
Tgt Ion:114 Resp: 786797

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.344 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078298.D

Acq: 20 Jun 2023 10:26

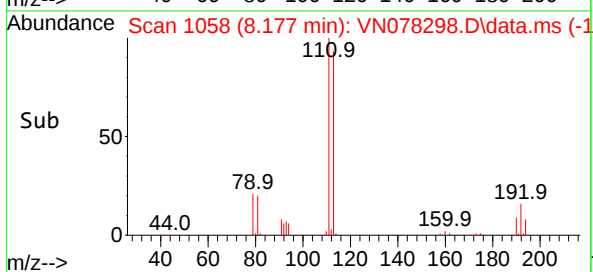
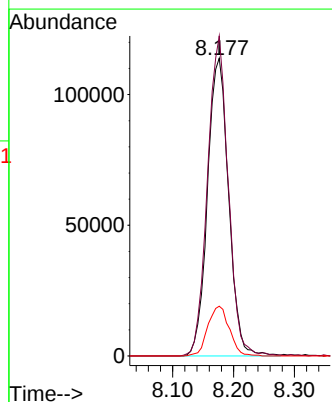
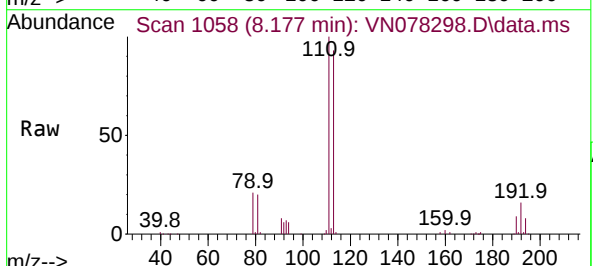
Tgt Ion:113 Resp: 275325

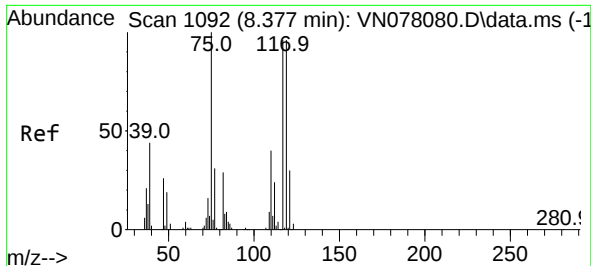
Ion Ratio Lower Upper

113 100

111 105.4 82.6 123.8

192 17.0 12.7 19.1

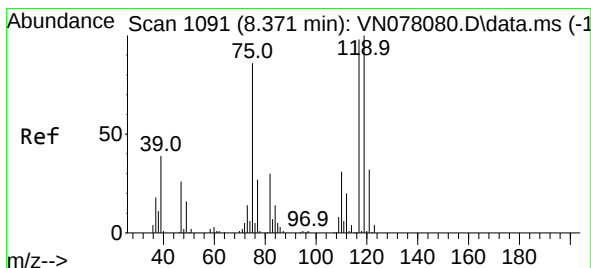
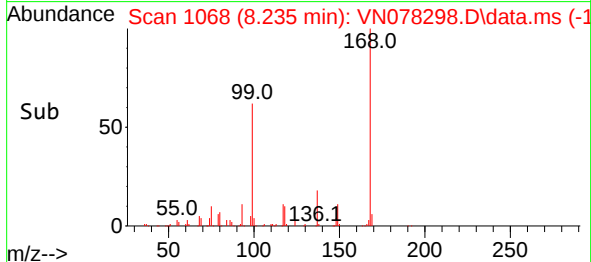
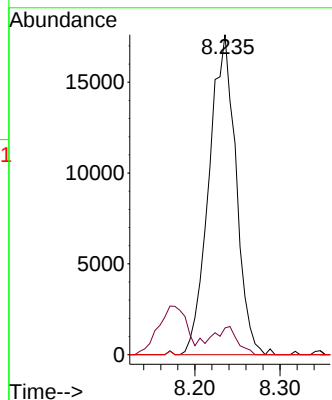
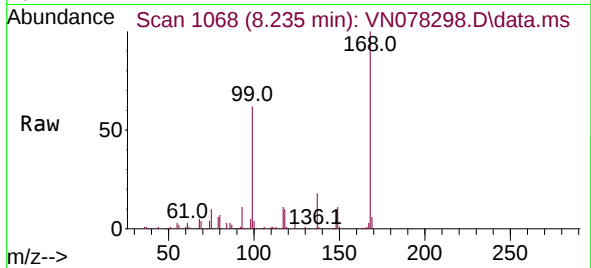




#36
1,1-Dichloropropene
Concen: 5.433 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

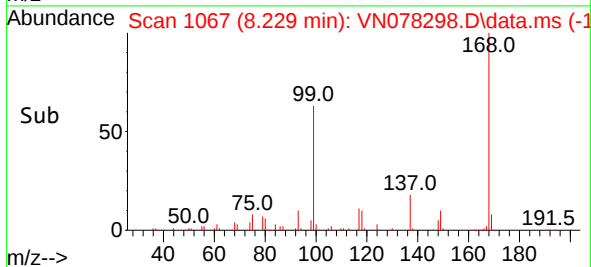
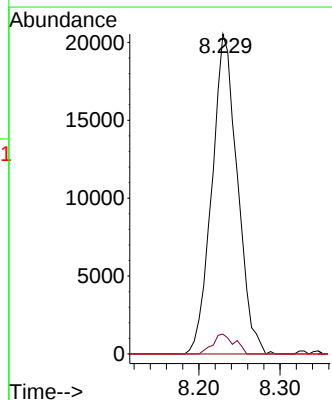
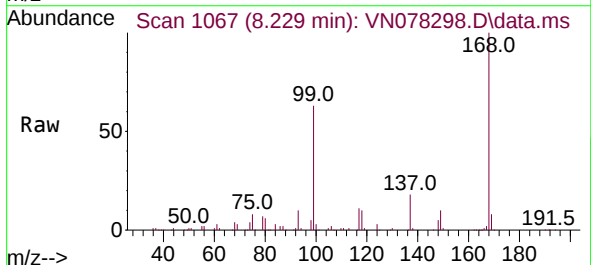
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

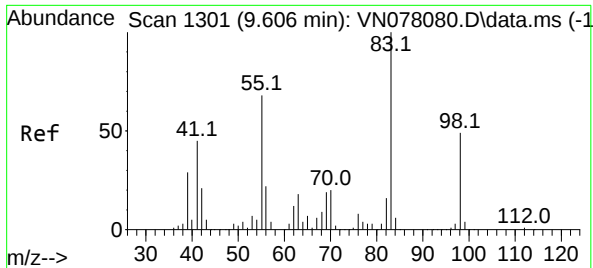
Tgt Ion: 75 Resp: 38771
Ion Ratio Lower Upper
75 100
110 7.5 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.950 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

Tgt Ion: 117 Resp: 44828
Ion Ratio Lower Upper
117 100
119 6.2 77.3 115.9#
121 0.0 23.3 34.9#

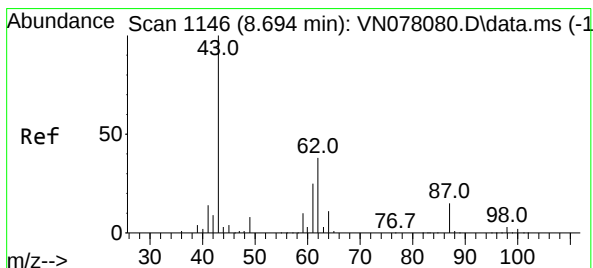
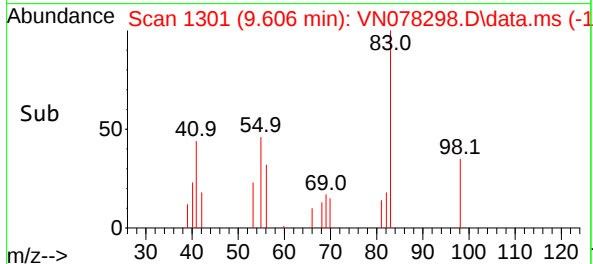
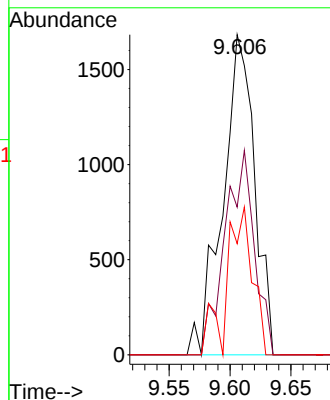
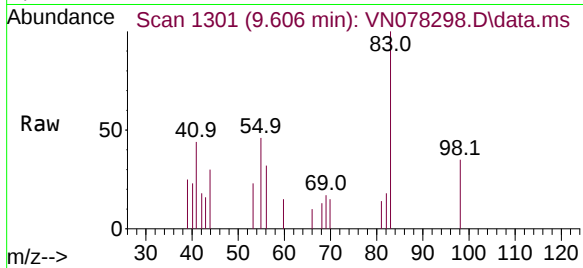




#39
Methylcyclohexane
Concen: 0.414 ug/l
RT: 9.606 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

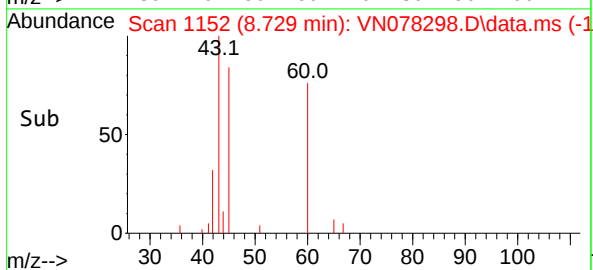
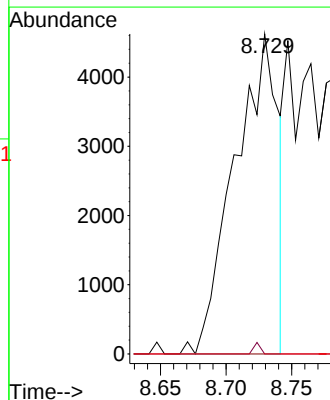
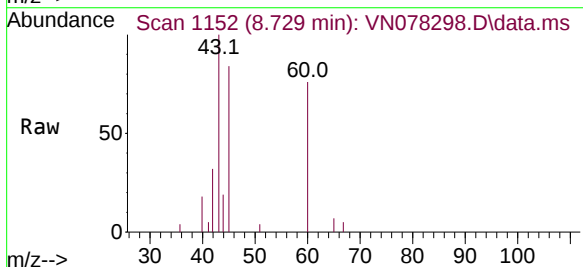
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

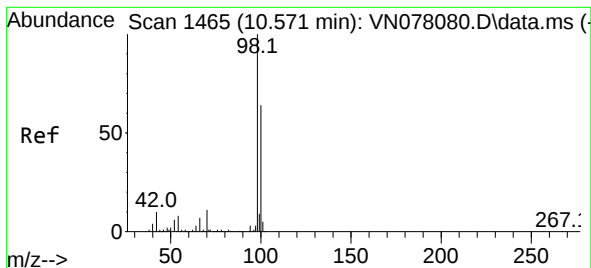
Tgt Ion: 83 Resp: 3064
Ion Ratio Lower Upper
83 100
55 46.1 49.1 73.7#
98 34.7 40.6 61.0#



#43
Isopropyl Acetate
Concen: 0.997 ug/l
RT: 8.729 min Scan# 1152
Delta R.T. 0.035 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

Tgt Ion: 43 Resp: 10633
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

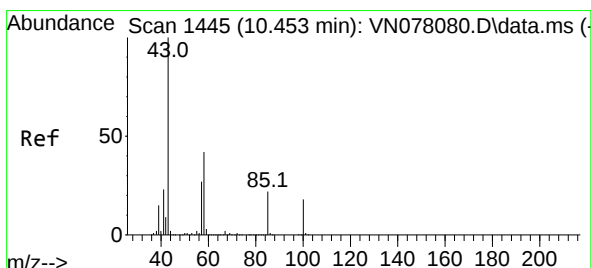
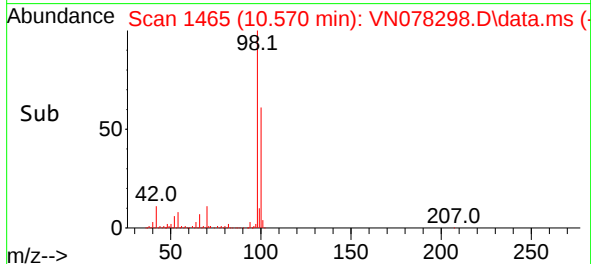
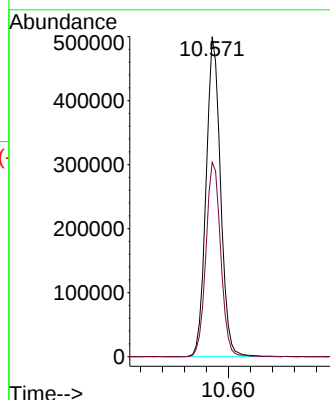
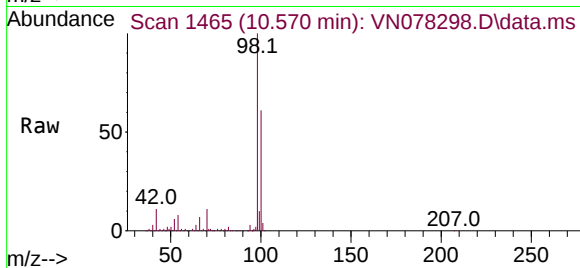




#50
Toluene-d8
Concen: 47.538 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

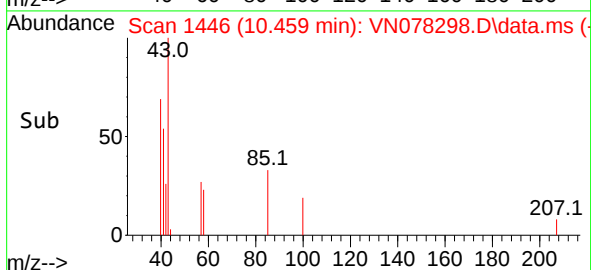
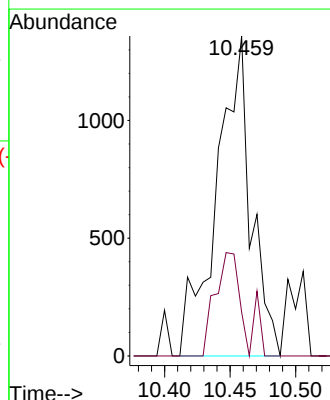
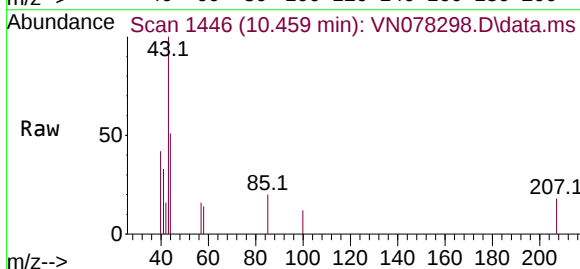
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

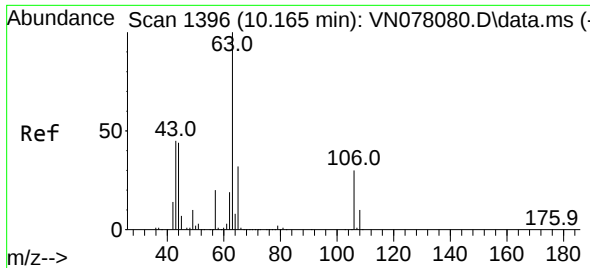
Tgt Ion: 98 Resp: 911712
Ion Ratio Lower Upper
98 100
100 62.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.440 ug/l
RT: 10.459 min Scan# 1446
Delta R.T. 0.006 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

Tgt Ion: 43 Resp: 2470
Ion Ratio Lower Upper
43 100
58 22.6 36.6 54.8#

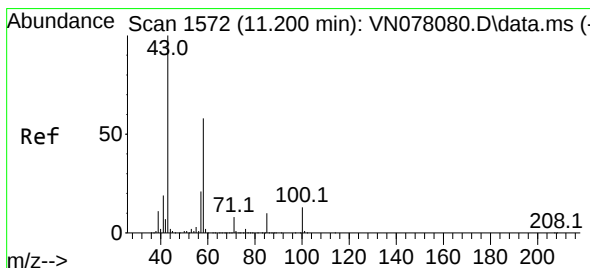
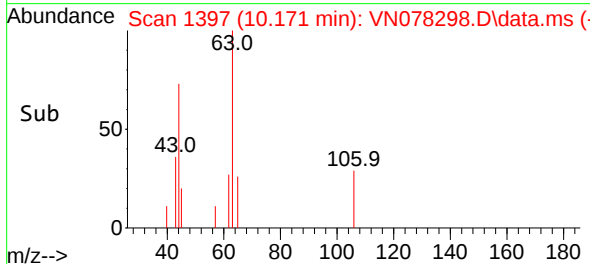
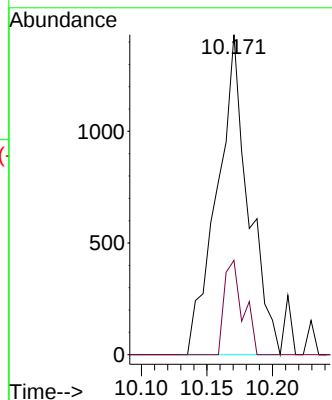
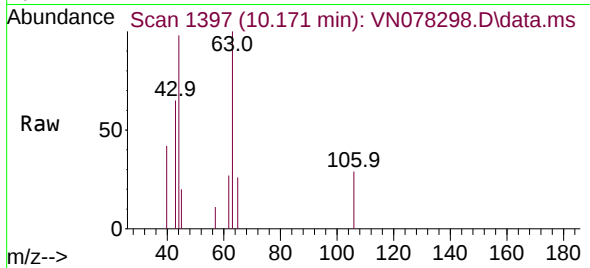




#58
2-Chloroethyl Vinyl ether
Concen: 0.794 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

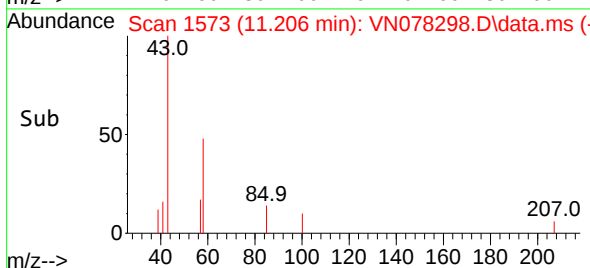
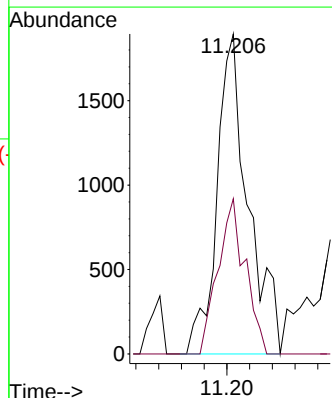
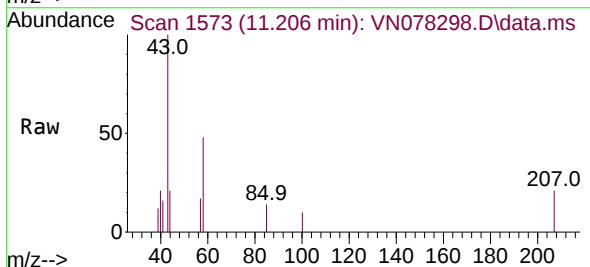
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

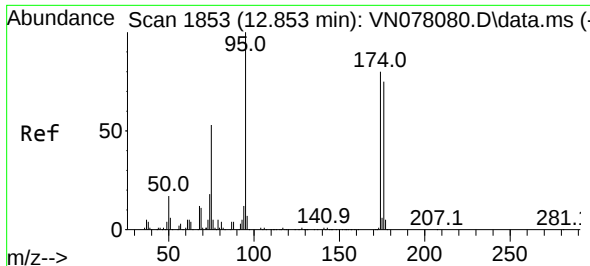
Tgt Ion: 63 Resp: 2377
Ion Ratio Lower Upper
63 100
106 17.5 26.2 39.4#



#59
2-Hexanone
Concen: 0.926 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

Tgt Ion: 43 Resp: 3619
Ion Ratio Lower Upper
43 100
58 42.2 31.7 95.1

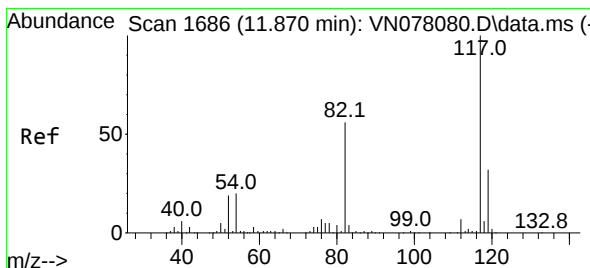
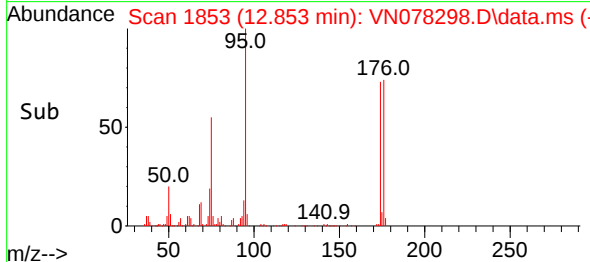
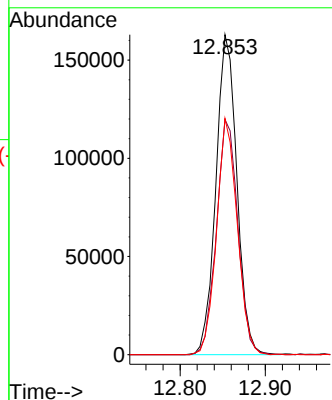
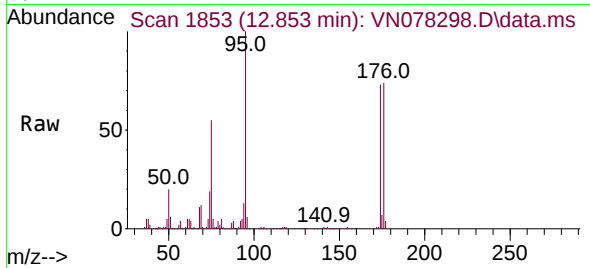




#62
4-Bromofluorobenzene
Concen: 46.759 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

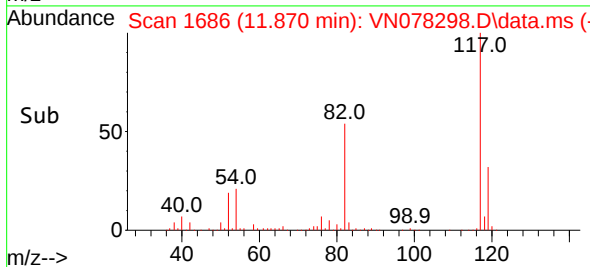
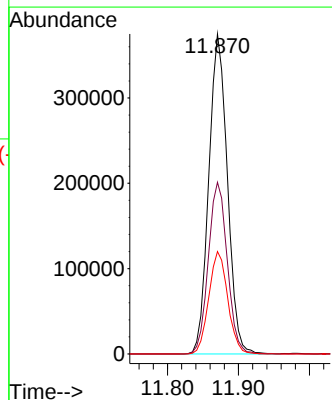
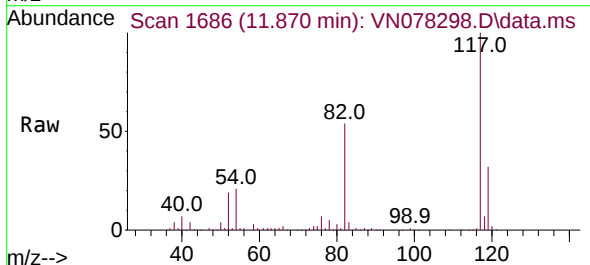
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

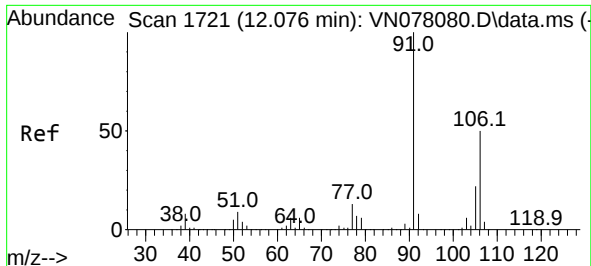
Tgt Ion: 95 Resp: 278779
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 72.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

Tgt Ion: 117 Resp: 682141
Ion Ratio Lower Upper
117 100
82 53.7 44.0 66.0
119 32.0 25.6 38.4

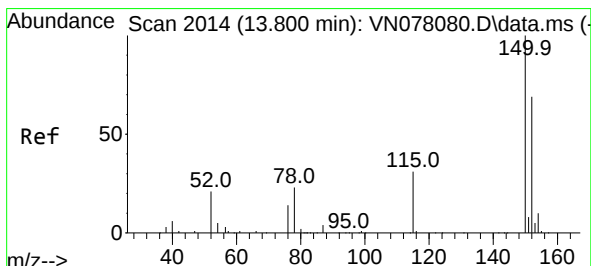
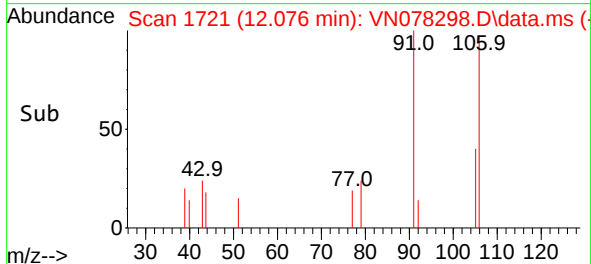
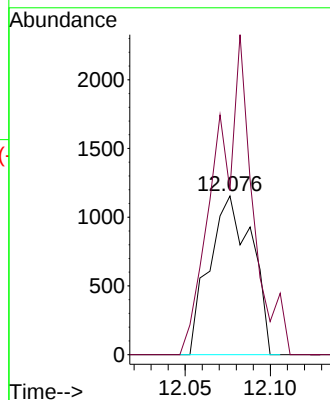
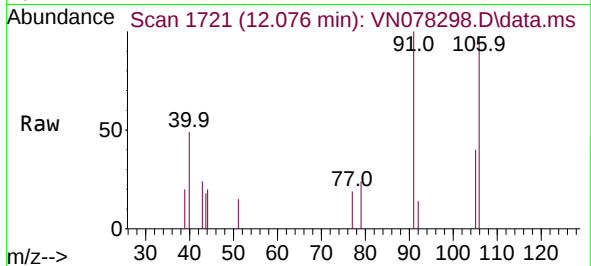




#68
m/p-Xylenes
Concen: 0.209 ug/l
RT: 12.076 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

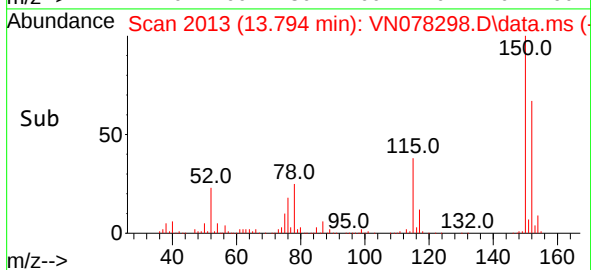
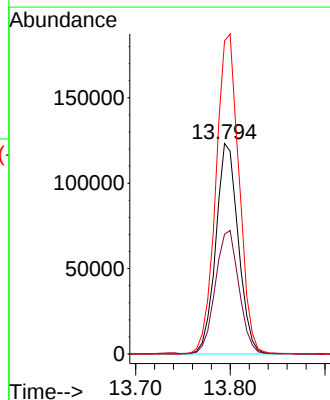
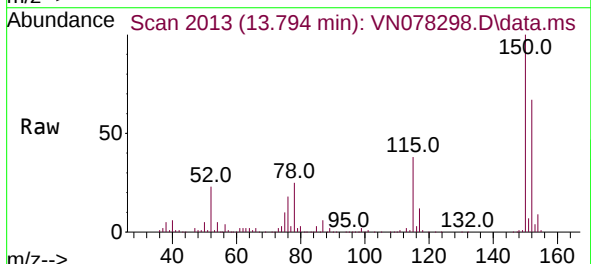
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

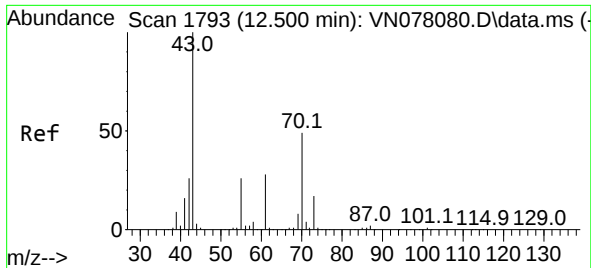
Tgt Ion:106 Resp: 2003
Ion Ratio Lower Upper
106 100
91 172.0 159.6 239.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

Tgt Ion:152 Resp: 202965
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 156.7 0.0 355.8

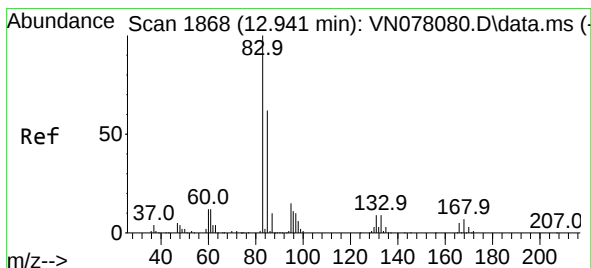
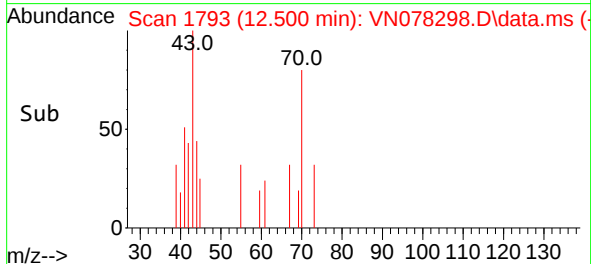
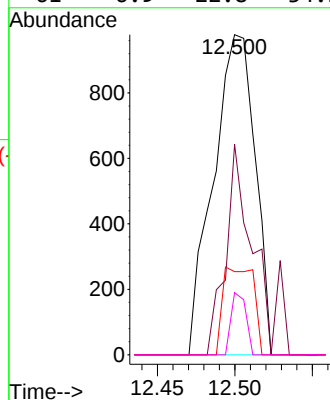
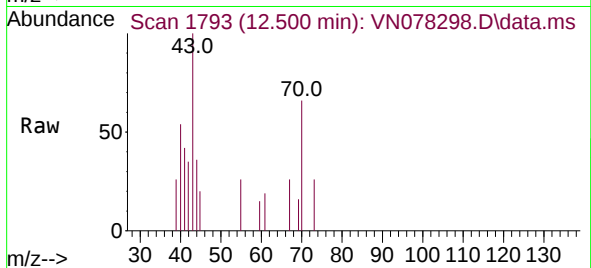




#74
N-amy1 acetate
Concen: 0.290 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

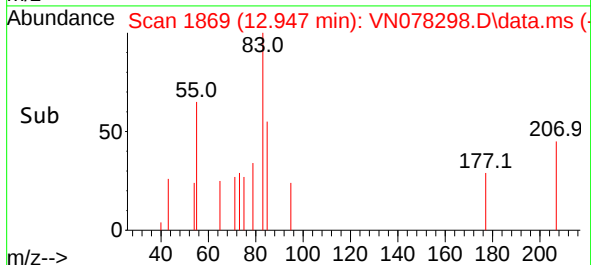
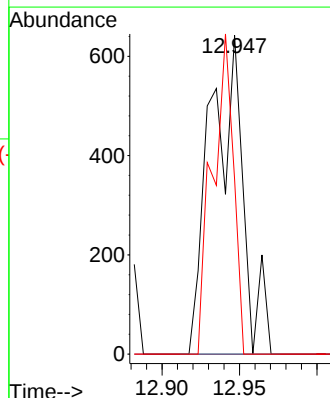
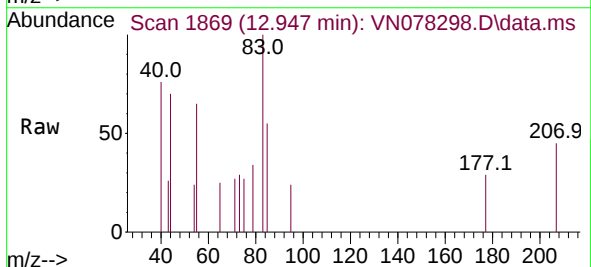
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

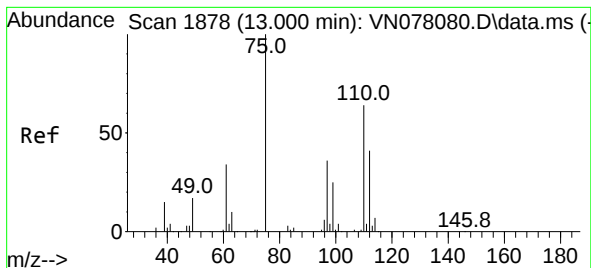
Tgt Ion: 43	Resp:	1835
Ion	Ratio	Lower Upper
43	100	
70	46.0	43.4 65.2
55	19.9	21.4 32.0#
61	6.9	22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.947 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

Tgt Ion: 83	Resp:	946
Ion	Ratio	Lower Upper
83	100	
131	0.0	5.0 15.0#
85	64.3	31.9 95.7





#76

1,2,3-Trichloropropane

Concen: 31.457 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078298.D

Acq: 20 Jun 2023 10:26

Instrument :

MSVOA_N

ClientSampleId :

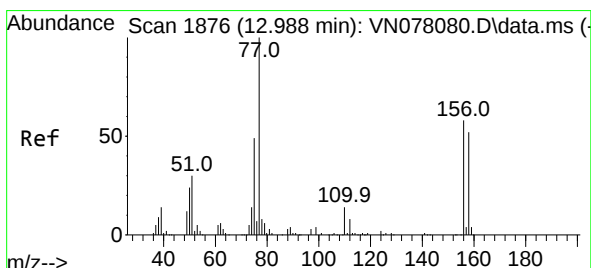
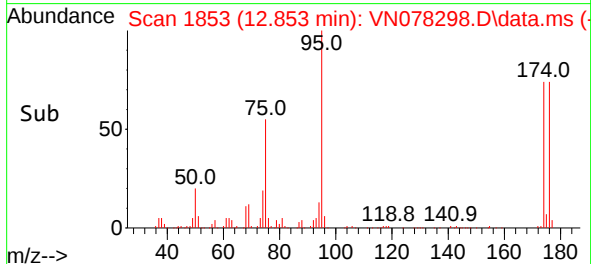
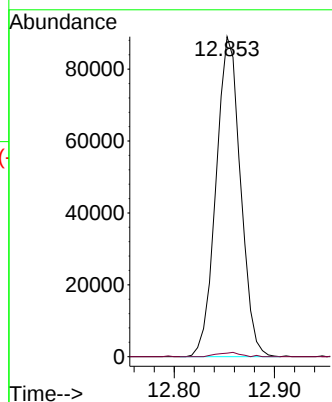
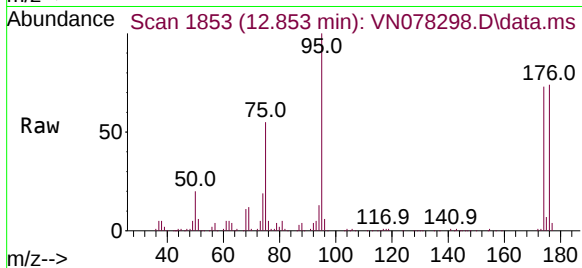
VN0620MBL01

Tgt Ion: 75 Resp: 150935

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#



#77

Bromobenzene

Concen: 0.267 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VN078298.D

Acq: 20 Jun 2023 10:26

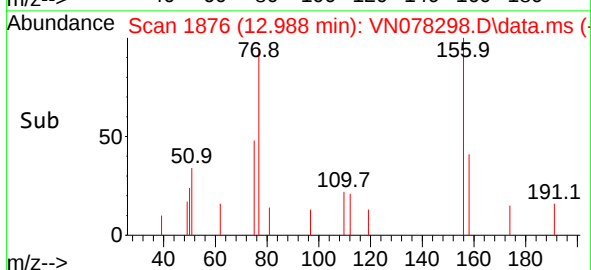
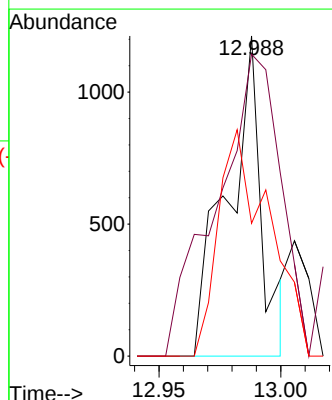
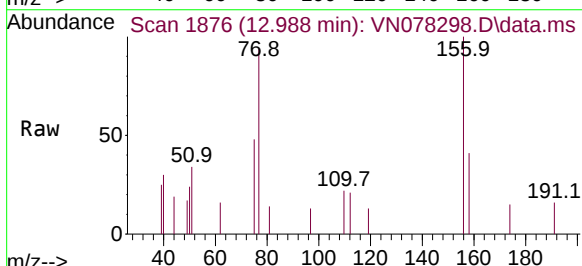
Tgt Ion:156 Resp: 1189

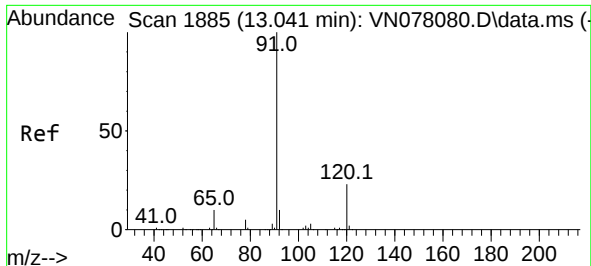
Ion Ratio Lower Upper

156 100

77 175.3 107.7 323.3

158 104.2 48.4 145.3

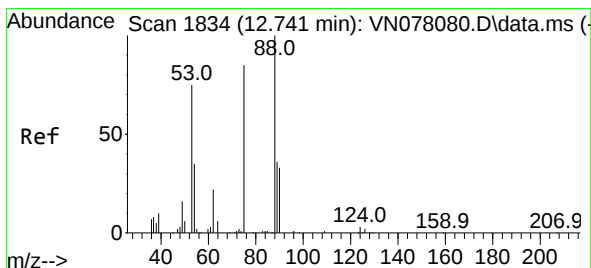
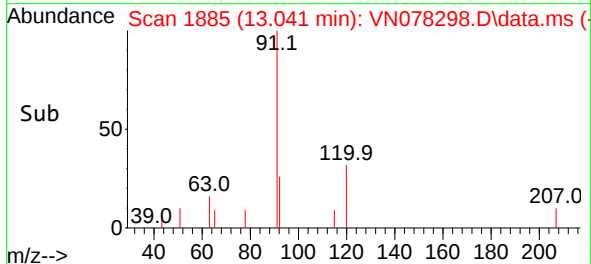
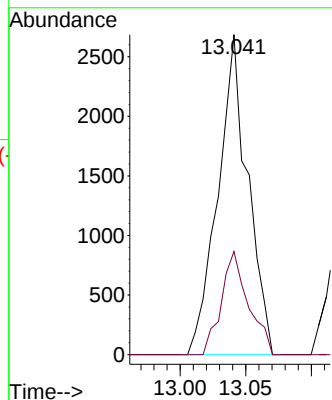
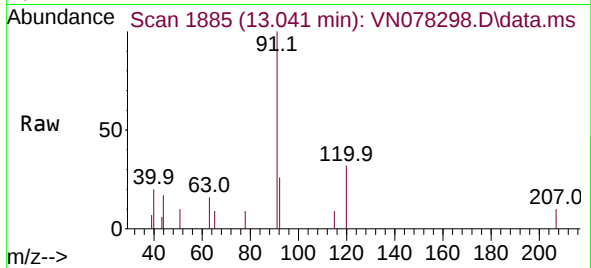




#78
n-propylbenzene
Concen: 0.204 ug/l
RT: 13.041 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

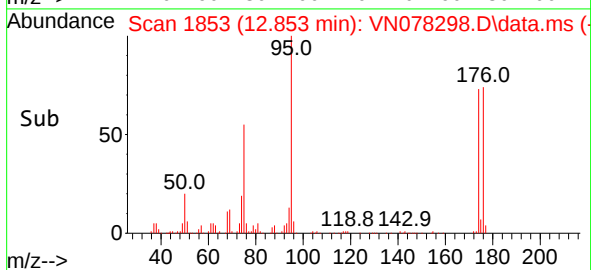
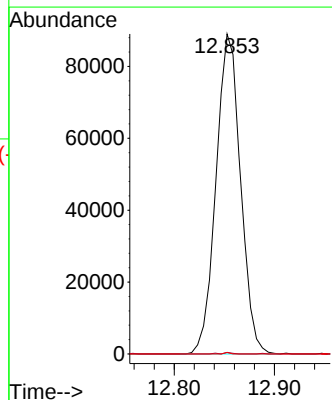
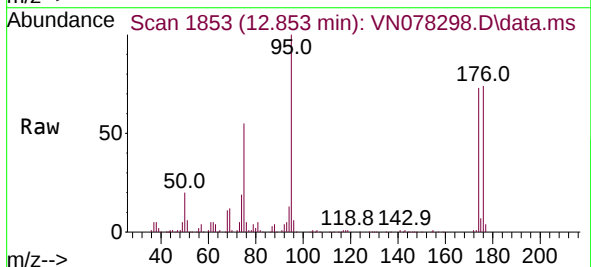
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

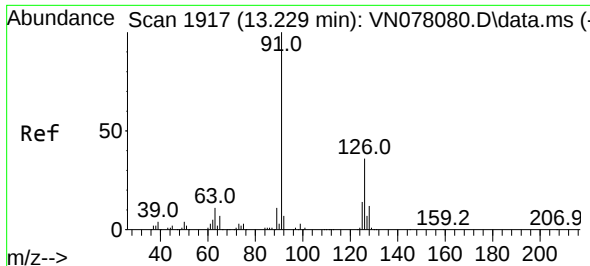
Tgt Ion: 91 Resp: 4249
Ion Ratio Lower Upper
91 100
120 29.3 11.5 34.4



#81
trans-1,4-Dichloro-2-butene
Concen: 96.645 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

Tgt Ion: 75 Resp: 150935
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.1 38.8 58.2#

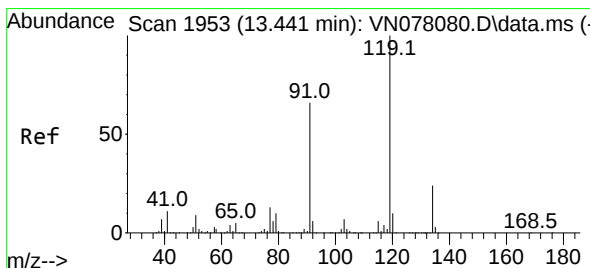
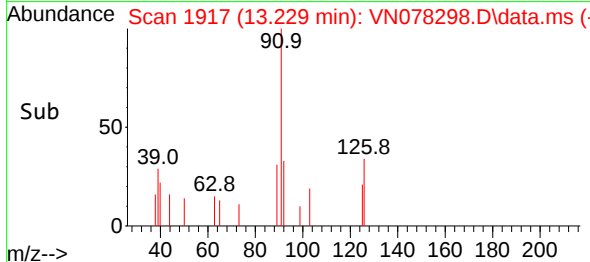
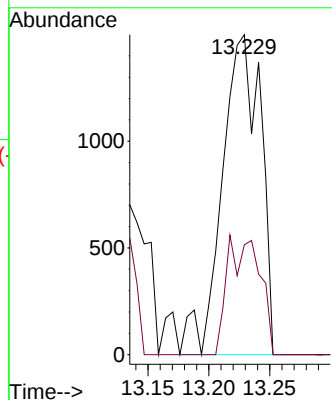
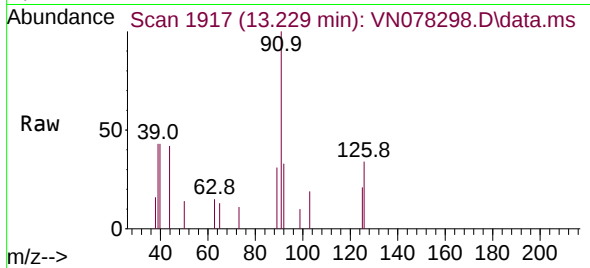




#82
4-Chlorotoluene
Concen: 0.263 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

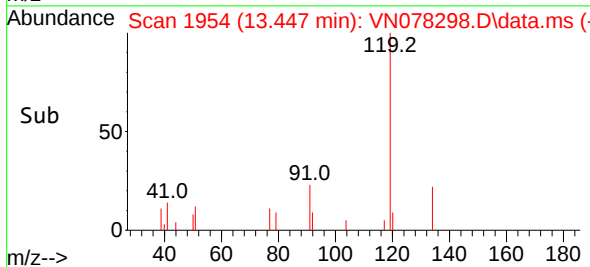
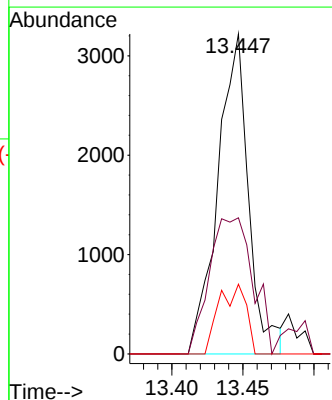
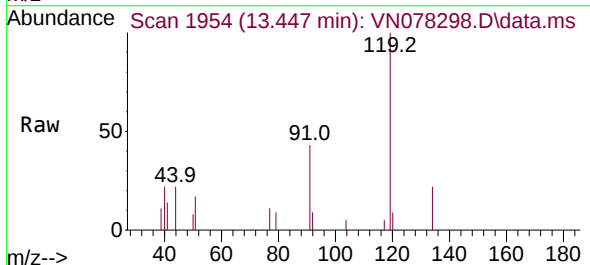
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

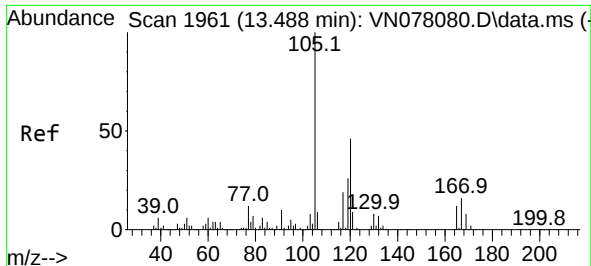
Tgt Ion: 91 Resp: 3302
Ion Ratio Lower Upper
91 100
126 31.1 16.7 50.0



#83
tert-Butylbenzene
Concen: 0.359 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

Tgt Ion: 119 Resp: 4843
Ion Ratio Lower Upper
119 100
91 61.7 33.9 101.7
134 19.3 13.2 39.6

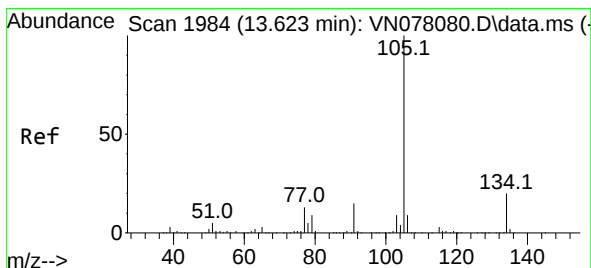
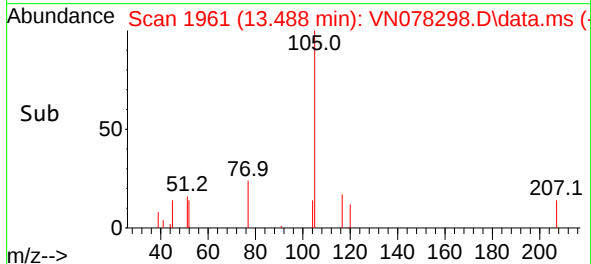
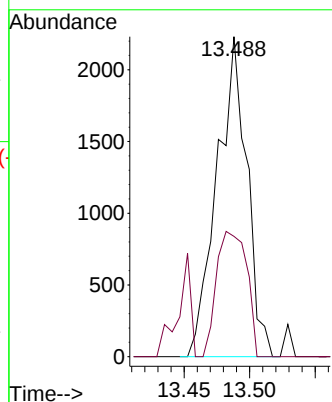
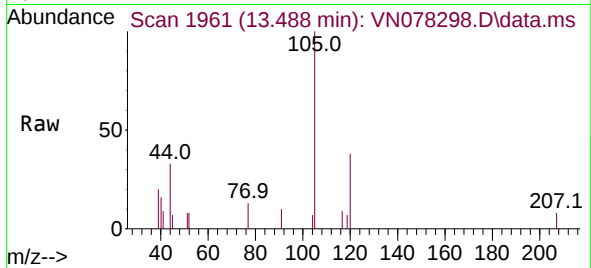




#84
1,2,4-Trimethylbenzene
Concen: 0.234 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

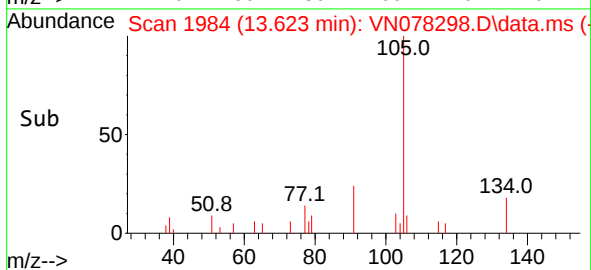
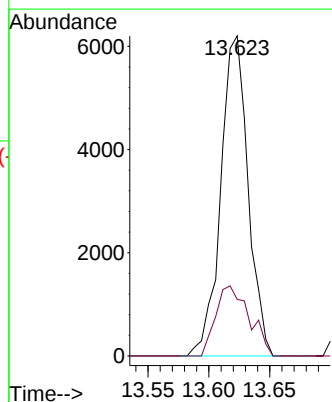
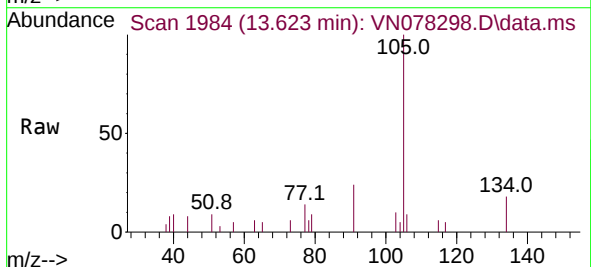
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

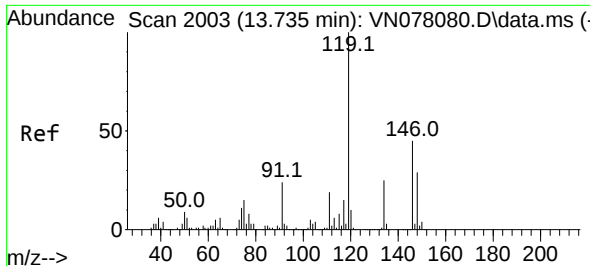
Tgt Ion:105 Resp: 3531
Ion Ratio Lower Upper
105 100
120 39.7 22.0 66.0



#85
sec-Butylbenzene
Concen: 0.549 ug/l
RT: 13.623 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

Tgt Ion:105 Resp: 9711
Ion Ratio Lower Upper
105 100
134 26.8 9.8 29.3

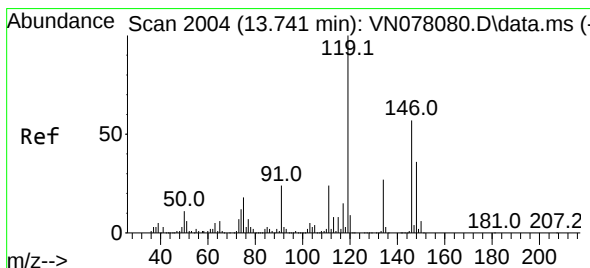
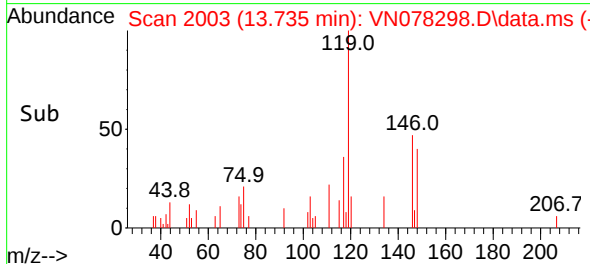
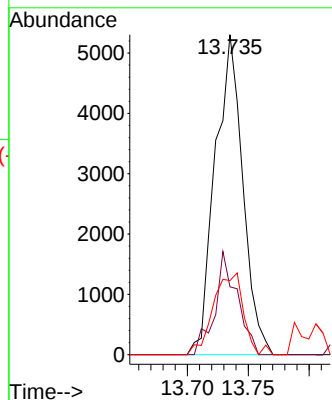
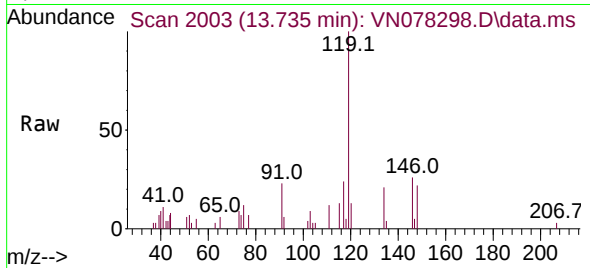




#86
p-Isopropyltoluene
Concen: 0.583 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

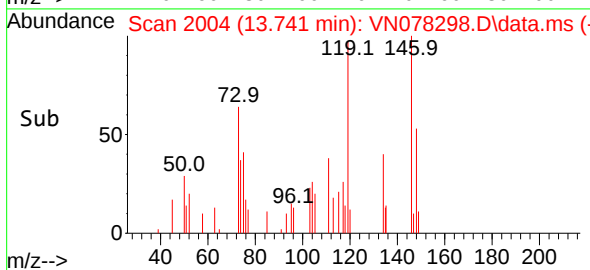
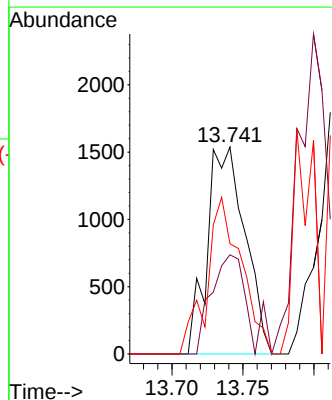
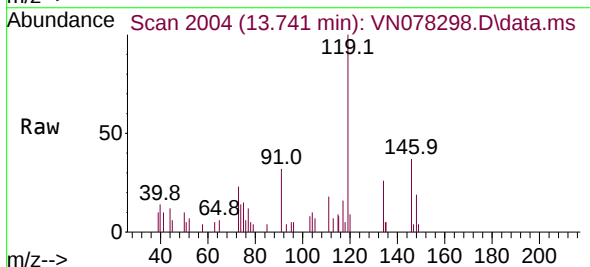
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

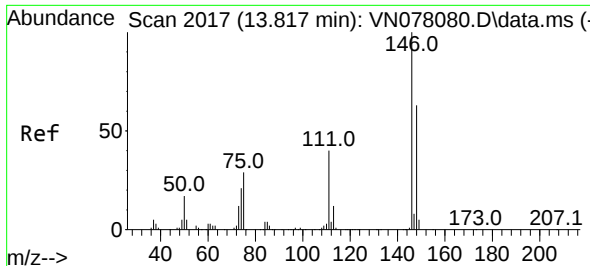
Tgt Ion:119 Resp: 8371
Ion Ratio Lower Upper
119 100
134 26.1 12.6 37.8
91 28.0 12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 0.378 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

Tgt Ion:146 Resp: 2852
Ion Ratio Lower Upper
146 100
111 41.2 22.1 66.3
148 68.9 32.0 96.0

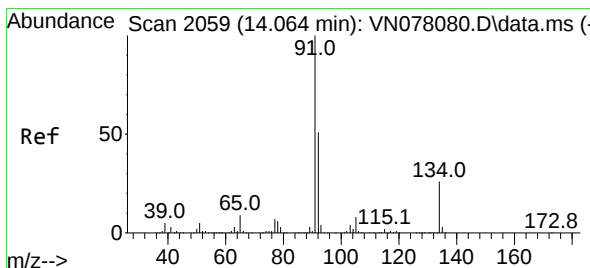
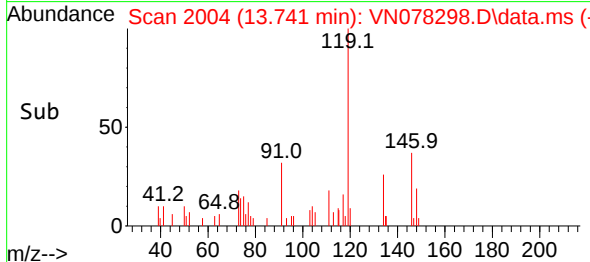
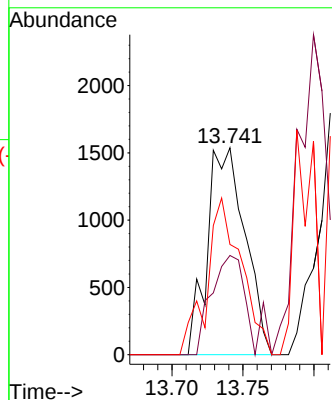
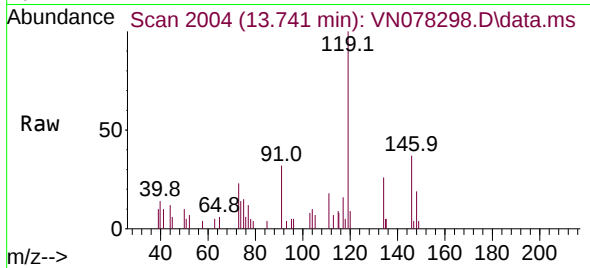




#88
1,4-Dichlorobenzene
Concen: 0.392 ug/l
RT: 13.741 min Scan# 2017
Delta R.T. -0.077 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

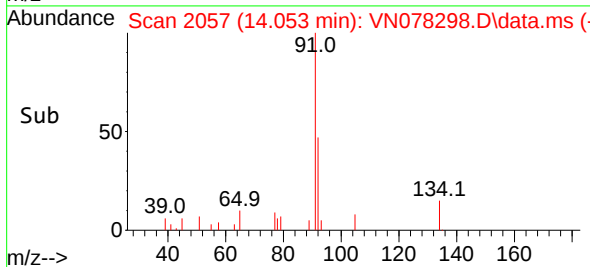
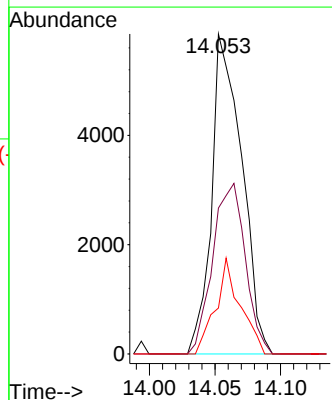
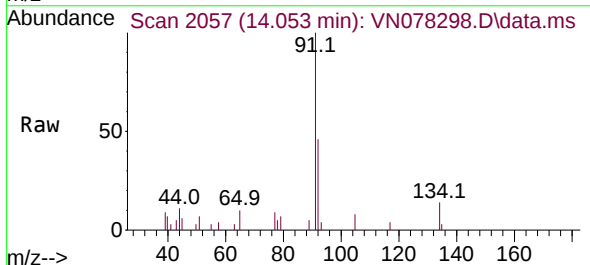
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

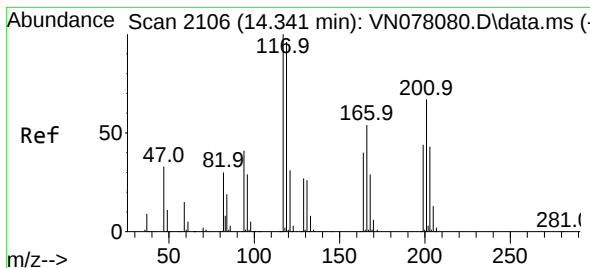
Tgt Ion:146 Resp: 2852
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.8
148 68.9 31.6 94.8



#89
n-Butylbenzene
Concen: 0.826 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.012 min
Lab File: VN078298.D
Acq: 20 Jun 2023 10:26

Tgt Ion: 91 Resp: 9348
Ion Ratio Lower Upper
91 100
92 57.8 26.4 79.0
134 24.5 12.6 37.6





#90

Hexachloroethane

Concen: 0.551 ug/l

RT: 14.347 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN078298.D

Acq: 20 Jun 2023 10:26

Instrument :

MSVOA_N

ClientSampleId :

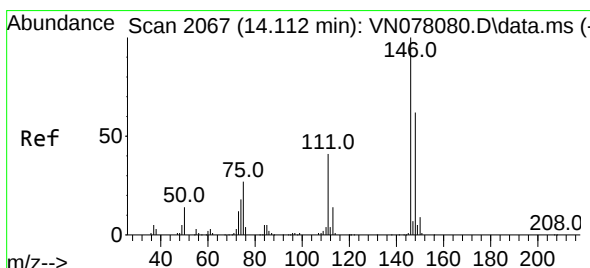
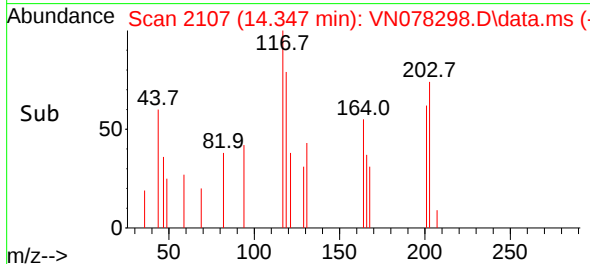
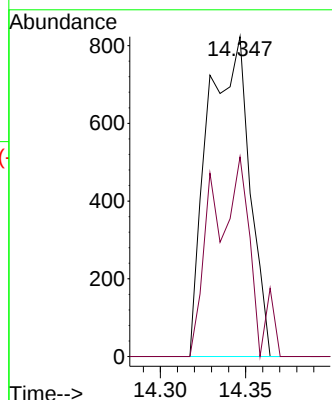
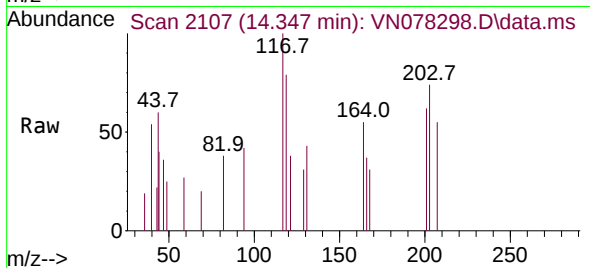
VN0620MBL01

Tgt Ion:117 Resp: 1402

Ion Ratio Lower Upper

117 100

201 57.3 29.3 88.0



#91

1,2-Dichlorobenzene

Concen: 0.402 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. -0.012 min

Lab File: VN078298.D

Acq: 20 Jun 2023 10:26

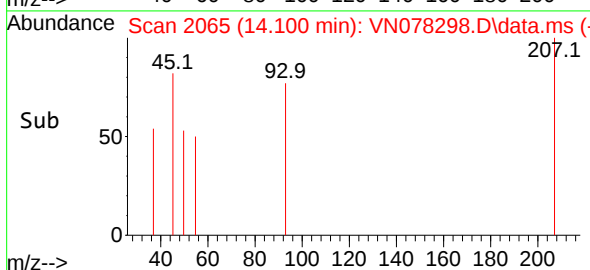
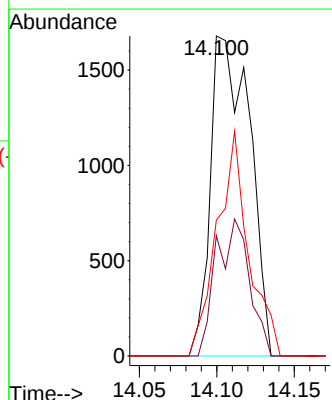
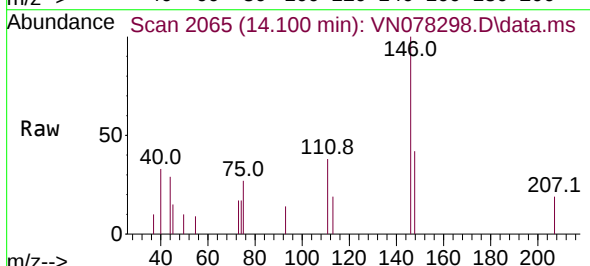
Tgt Ion:146 Resp: 2959

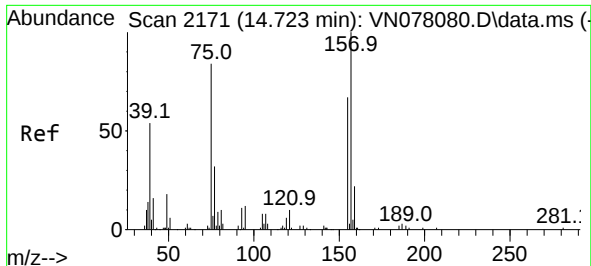
Ion Ratio Lower Upper

146 100

111 36.3 22.0 66.0

148 56.3 31.8 95.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.571 ug/l

RT: 14.729 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VN078298.D

Acq: 20 Jun 2023 10:26

Instrument :

MSVOA_N

ClientSampleId :

VN0620MBL01

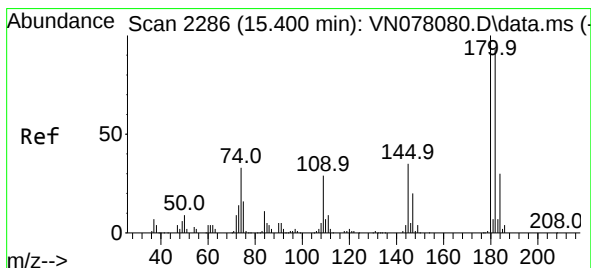
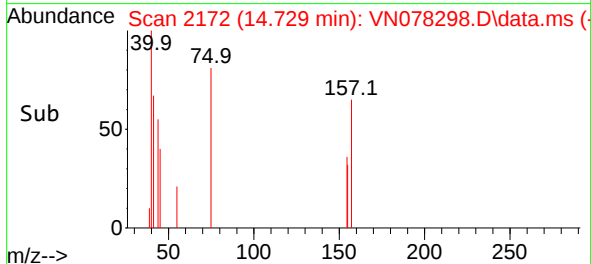
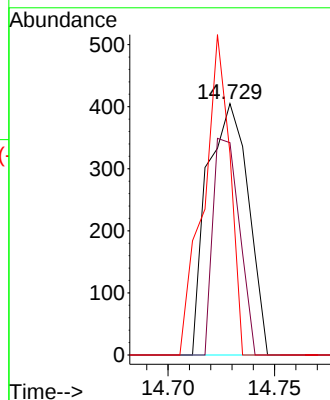
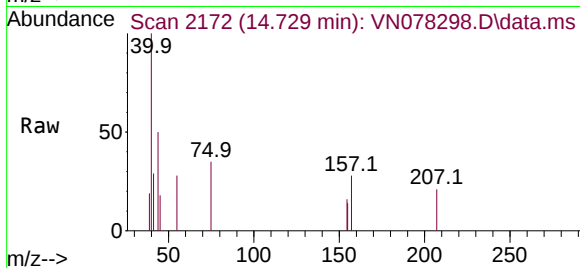
Tgt Ion: 75 Resp: 543

Ion Ratio Lower Upper

75 100

155 55.6 39.1 117.2

157 82.0 50.3 150.9



#93

1,2,4-Trichlorobenzene

Concen: 1.445 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN078298.D

Acq: 20 Jun 2023 10:26

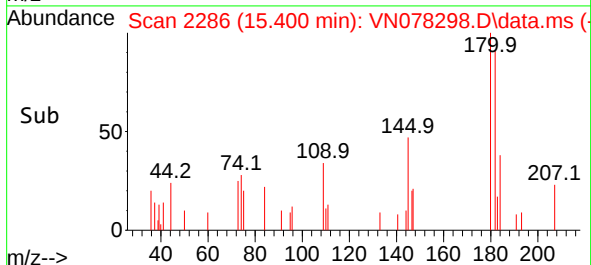
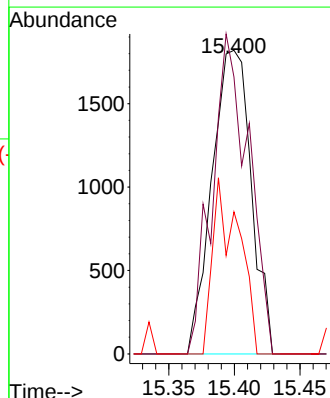
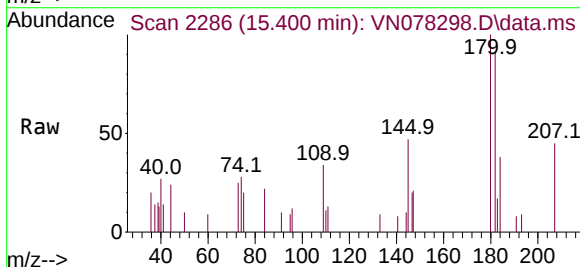
Tgt Ion: 180 Resp: 3792

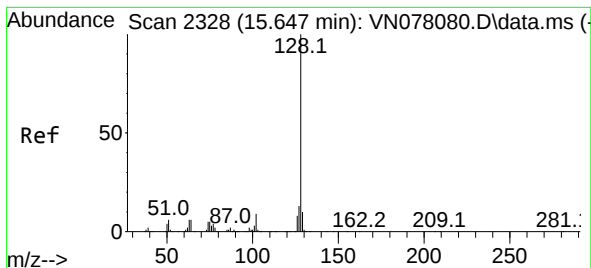
Ion Ratio Lower Upper

180 100

182 97.5 46.1 138.2

145 38.7 16.6 49.8





#95

Naphthalene

Concen: 1.255 ug/l

RT: 15.641 min Scan# 2328

Delta R.T. -0.006 min

Lab File: VN078298.D

Acq: 20 Jun 2023 10:26

Instrument :

MSVOA_N

ClientSampleId :

VN0620MBL01

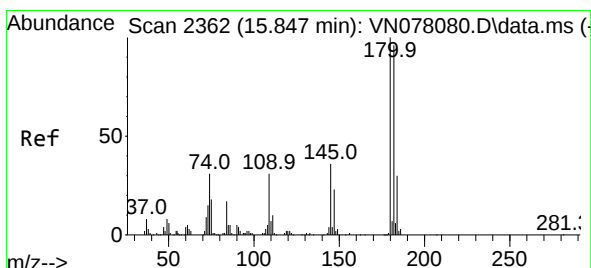
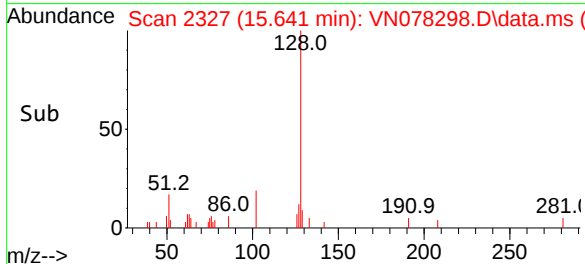
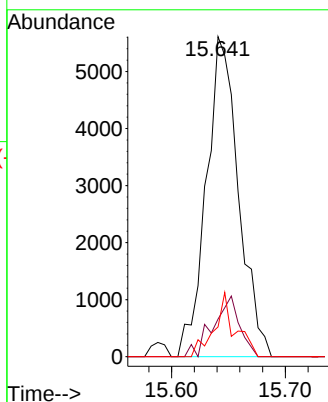
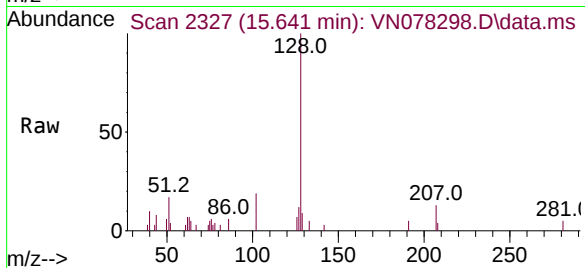
Tgt Ion:128 Resp: 11075

Ion Ratio Lower Upper

128 100

127 15.6 10.0 15.0#

129 12.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.535 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN078298.D

Acq: 20 Jun 2023 10:26

Tgt Ion:180 Resp: 4505

Ion Ratio Lower Upper

180 100

182 94.9 46.2 138.6

145 38.4 17.5 52.6

