

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
 Data File : VN078792.D
 Acq On : 08 Aug 2023 10:39
 Operator : JC\MD
 Sample : VN0808MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808MBL01

Quant Time: Aug 09 02:47:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	120562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	225094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	189947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	47269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	91521	50.637	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.280%			
35) Dibromofluoromethane	8.177	113	76549	50.358	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.720%			
50) Toluene-d8	10.571	98	273836	48.953	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.900%			
62) 4-Bromofluorobenzene	12.853	95	68516	40.984	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 81.960%#			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	715	0.345	ug/l #	1
5) Bromomethane	2.983	94	1966	1.417	ug/l	90
10) Methyl Iodide	4.618	142	1335	0.742	ug/l #	38
11) Tert butyl alcohol	5.512	59	1777	5.602	ug/l #	72
13) Acrolein	4.212	56	156	0.581	ug/l #	1
15) Acrylonitrile	5.730	53	467	0.565	ug/l #	18
16) Acetone	4.442	43	340	0.489	ug/l #	40
17) Carbon Disulfide	4.736	76	3811	0.948	ug/l #	75
18) Methyl Acetate	5.065	43	1017	0.326	ug/l #	54
20) Methylene Chloride	5.294	84	545	0.316	ug/l #	79
25) 2-Butanone	7.500	43	1085	0.921	ug/l #	37
29) Tetrahydrofuran	7.853	42	717	0.910	ug/l #	40
31) Cyclohexane	8.224	56	3545	1.335	ug/l #	42
36) 1,1-Dichloropropene	8.230	75	10989	4.660	ug/l #	47
38) Carbon Tetrachloride	8.230	117	12260	5.043	ug/l #	15
51) 4-Methyl-2-Pentanone	10.441	43	1120	0.433	ug/l #	31
59) 2-Hexanone	11.200	43	1437	0.784	ug/l #	47
65) Chlorobenzene	11.894	112	1088	0.252	ug/l #	61
68) m/p-Xylenes	12.088	106	653	0.230	ug/l #	33
70) Styrene	12.418	104	891	0.203	ug/l #	57
73) Isopropylbenzene	12.700	105	1081	0.232	ug/l #	49
74) N-amyl acetate	12.500	43	1079	0.511	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.941	83	1024	0.648	ug/l #	74
76) 1,2,3-Trichloropropane	12.847	75	38190	29.883	ug/l #	1
77) Bromobenzene	12.994	156	527	0.483	ug/l	89
78) n-propylbenzene	13.041	91	1899	0.371	ug/l #	74
79) 2-Chlorotoluene	13.135	91	984	0.300	ug/l	74
80) 1,3,5-Trimethylbenzene	13.188	105	1156	0.310	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.847	75	38190	80.186	ug/l #	15
82) 4-Chlorotoluene	13.223	91	1773	0.590	ug/l	94
83) tert-Butylbenzene	13.447	119	787	0.254	ug/l	73
84) 1,2,4-Trimethylbenzene	13.494	105	994	0.278	ug/l	73
85) sec-Butylbenzene	13.617	105	2226	0.548	ug/l	90
86) p-Isopropyltoluene	13.747	119	680	0.211	ug/l #	33
87) 1,3-Dichlorobenzene	13.723	146	678	0.389	ug/l #	21
88) 1,4-Dichlorobenzene	13.817	146	1948	1.127	ug/l #	62

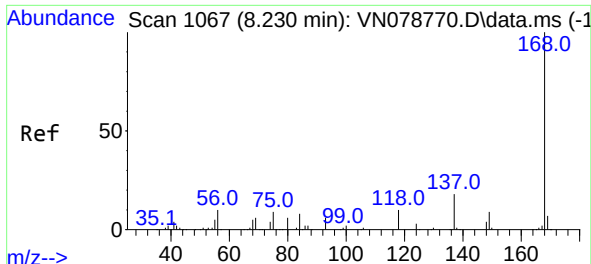
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
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 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	14.059	91	2929	1.210	ug/l	95
90) Hexachloroethane	14.341	117	171	0.256	ug/l #	21
91) 1,2-Dichlorobenzene	14.117	146	1297	0.772	ug/l #	67
92) 1,2-Dibromo-3-Chloropr...	14.717	75	187	0.771	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	1355	2.871	ug/l	83
94) Hexachlorobutadiene	15.511	225	1382	Below Cal		74
95) Naphthalene	15.653	128	4347	2.760	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.841	180	1281	2.280	ug/l	64

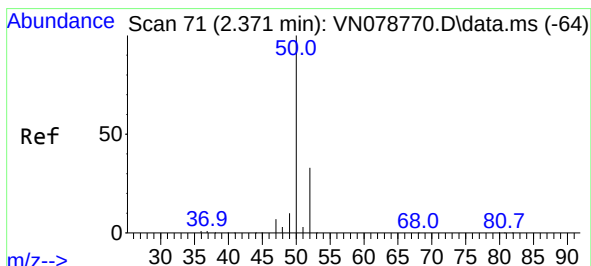
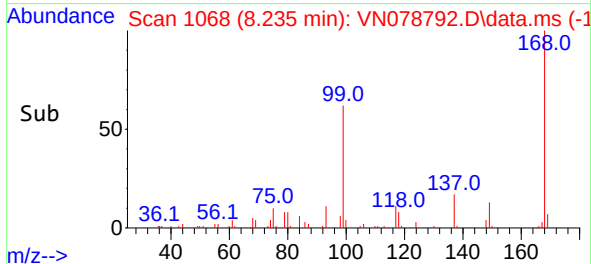
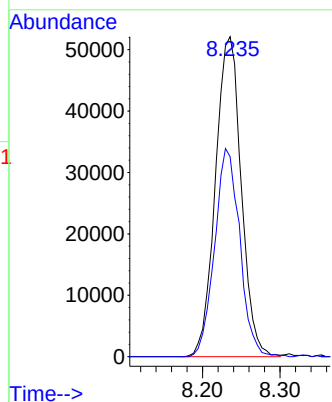
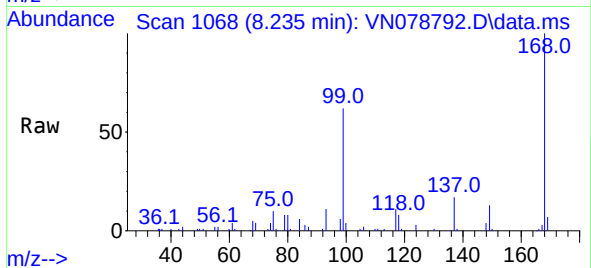
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

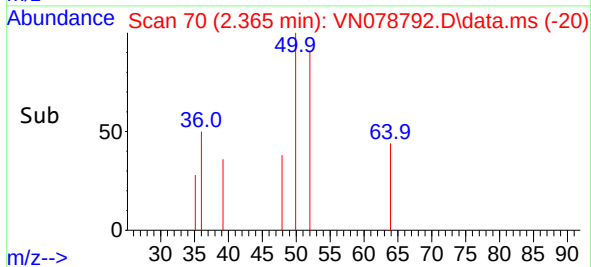
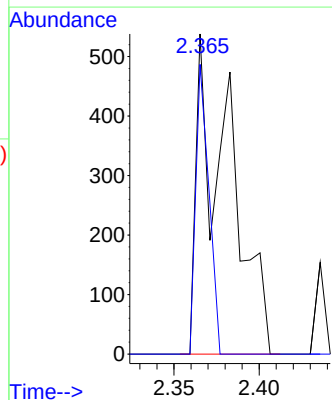
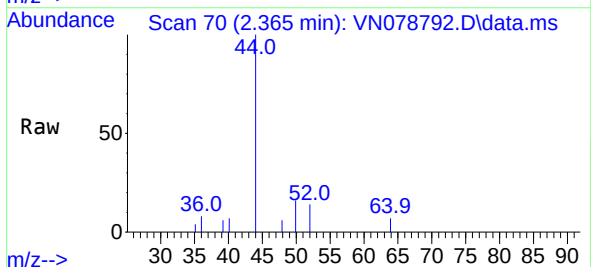
Instrument :
MSVOA_N
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VN0808MBL01

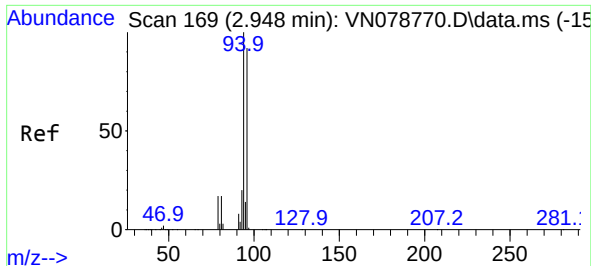
Tgt Ion:168 Resp: 120562
Ion Ratio Lower Upper
168 100
99 62.5 53.0 79.6



#3
Chloromethane
Concen: 0.345 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Tgt Ion: 50 Resp: 715
Ion Ratio Lower Upper
50 100
52 90.5 26.5 39.7#

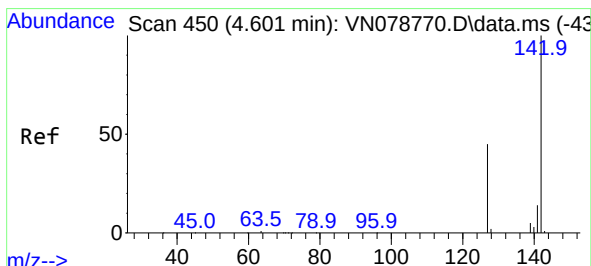
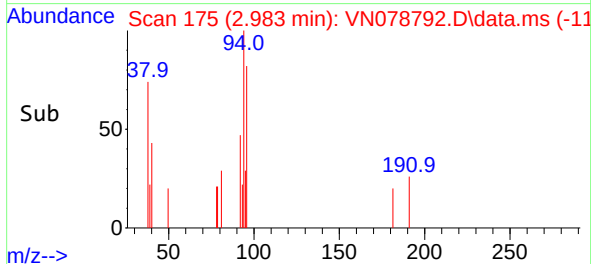
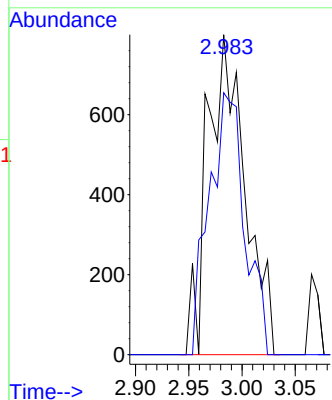
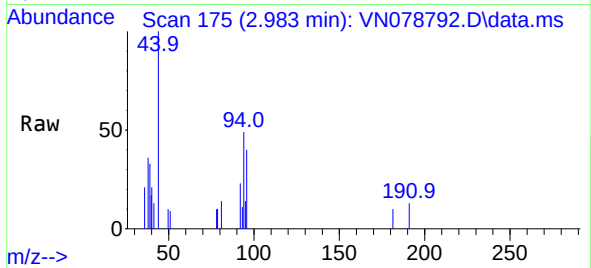




#5
Bromomethane
Concen: 1.417 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

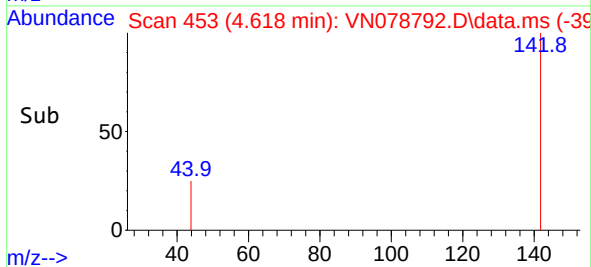
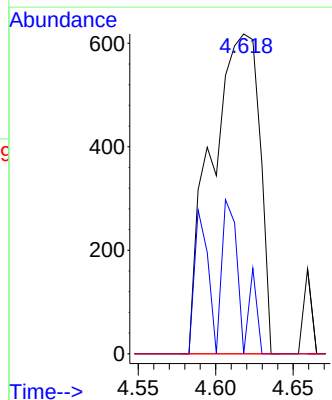
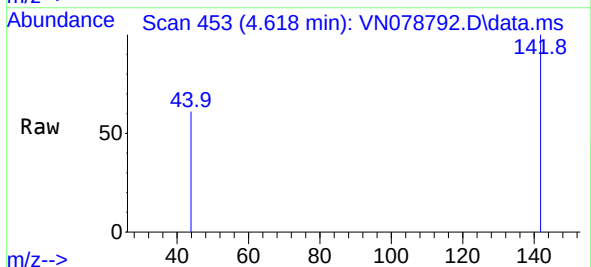
Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

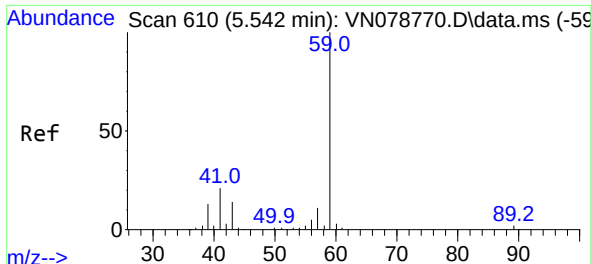
Tgt Ion: 94 Resp: 1966
Ion Ratio Lower Upper
94 100
96 81.9 73.1 109.7



#10
Methyl Iodide
Concen: 0.742 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.017 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Tgt Ion: 142 Resp: 1335
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.0#

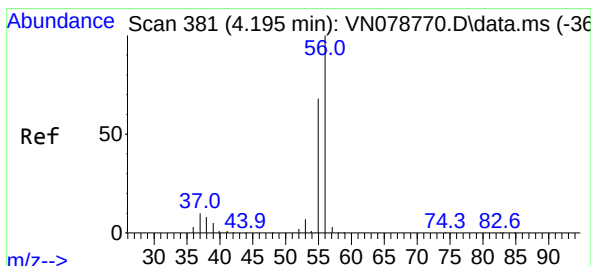
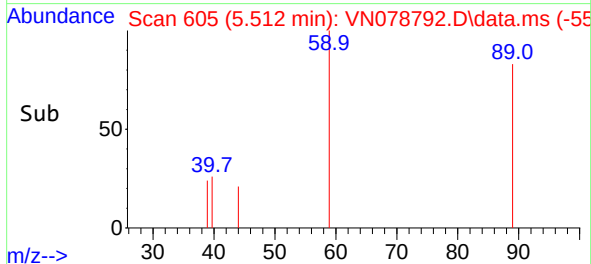
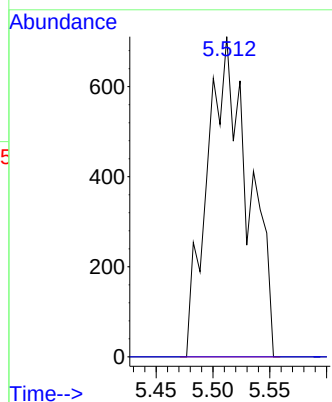
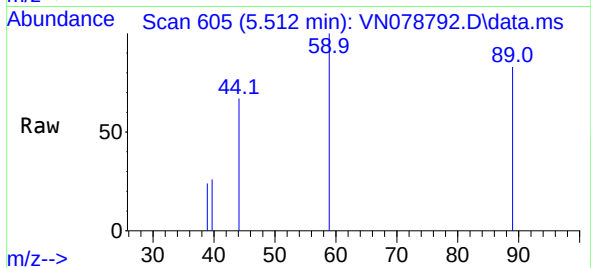




#11
Tert butyl alcohol
Concen: 5.602 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.030 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

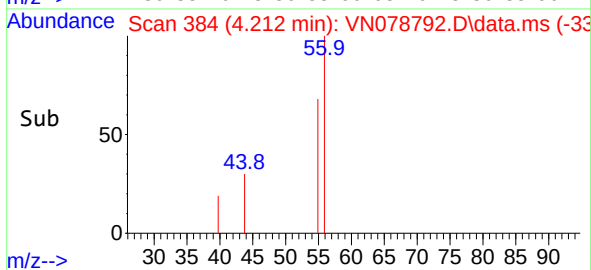
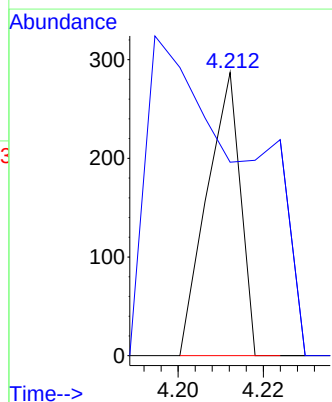
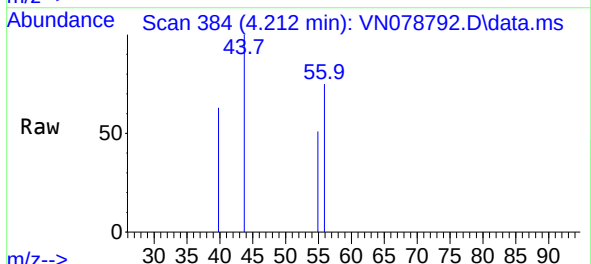
Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

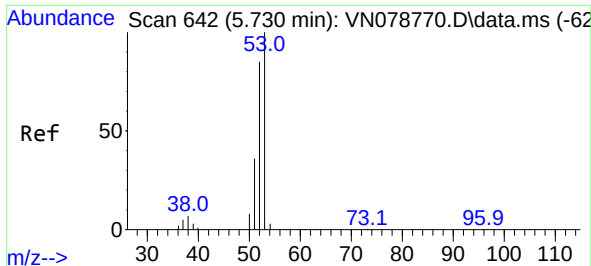
Tgt Ion: 59 Resp: 1777
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.581 ug/l
RT: 4.212 min Scan# 384
Delta R.T. 0.017 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Tgt Ion: 56 Resp: 156
Ion Ratio Lower Upper
56 100
55 332.7 54.5 81.7#

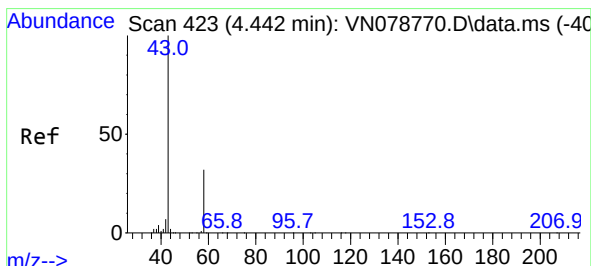
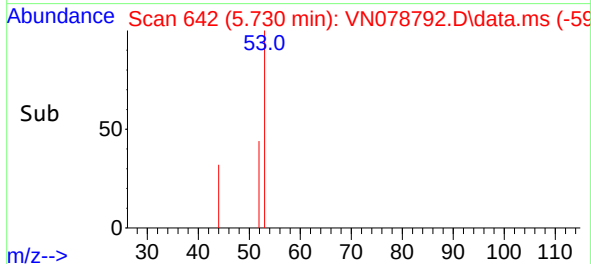
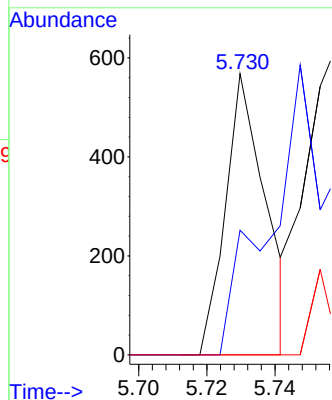
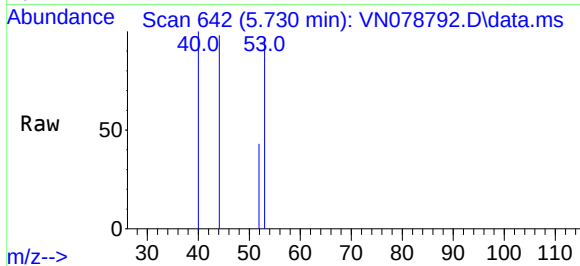




#15
Acrylonitrile
Concen: 0.565 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

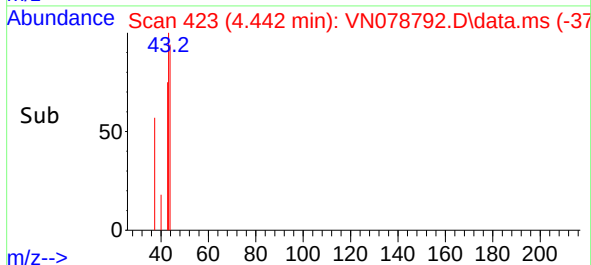
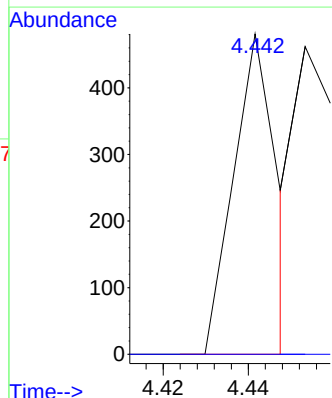
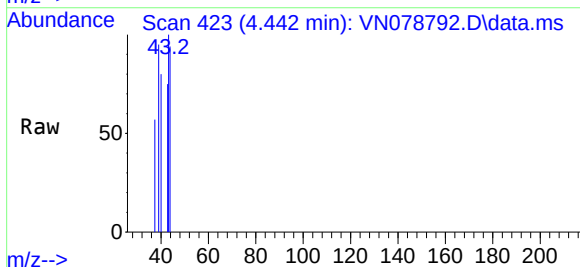
Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

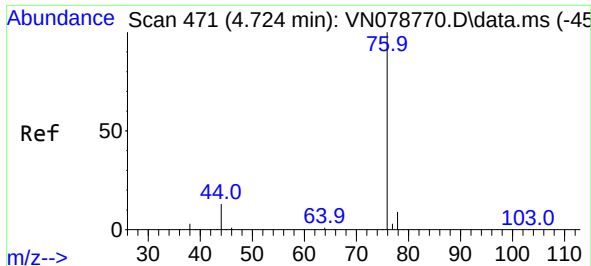
Tgt Ion: 53 Resp: 467
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 0.0 28.9 43.3#



#16
Acetone
Concen: 0.489 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Tgt Ion: 43 Resp: 340
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

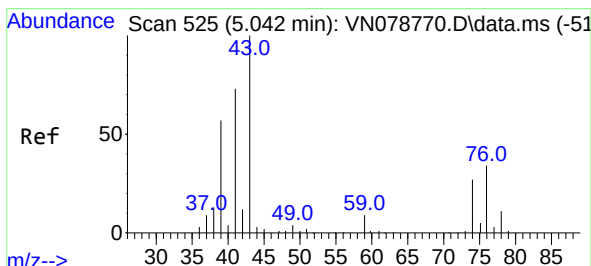
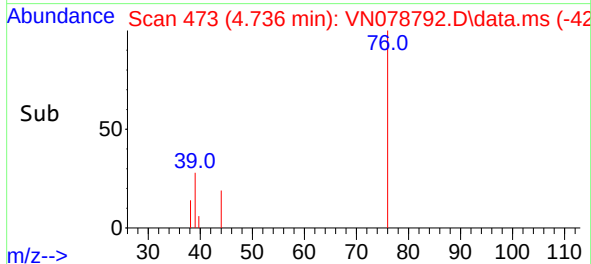
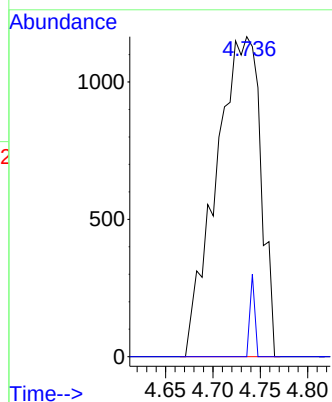
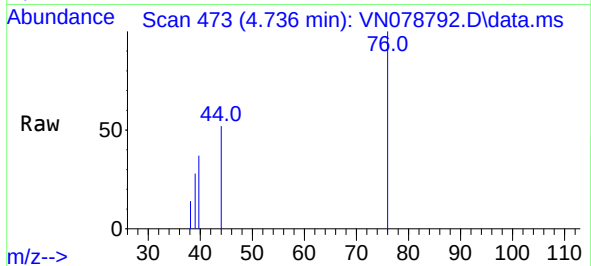




#17
Carbon Disulfide
Concen: 0.948 ug/l
RT: 4.736 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

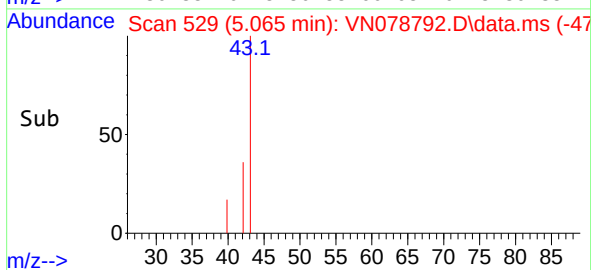
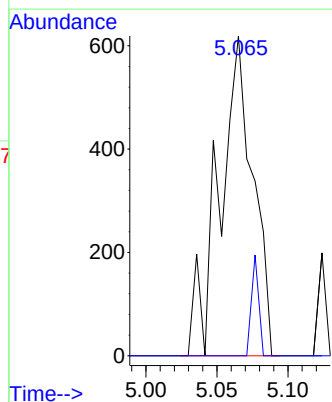
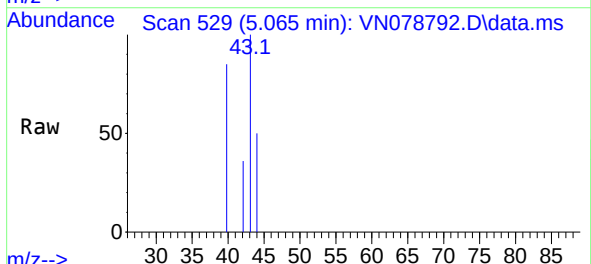
Instrument :
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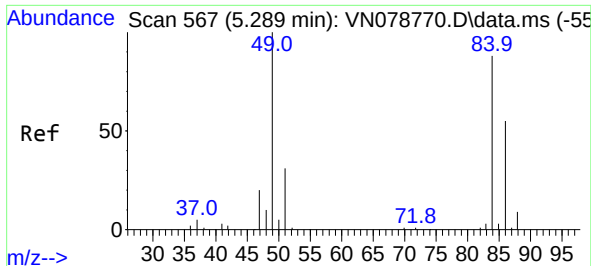
Tgt Ion: 76 Resp: 3811
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.326 ug/l
RT: 5.065 min Scan# 529
Delta R.T. 0.023 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Tgt Ion: 43 Resp: 1017
Ion Ratio Lower Upper
43 100
74 6.8 26.2 39.4#

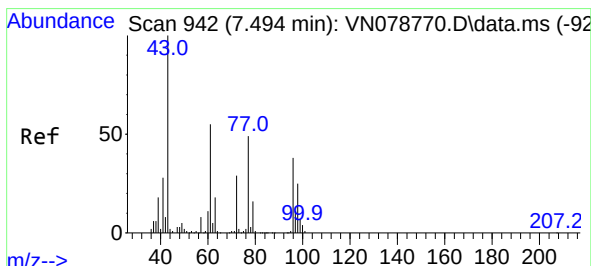
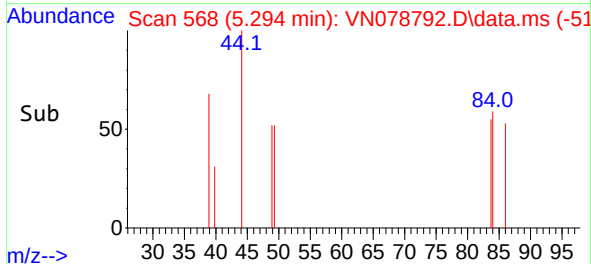
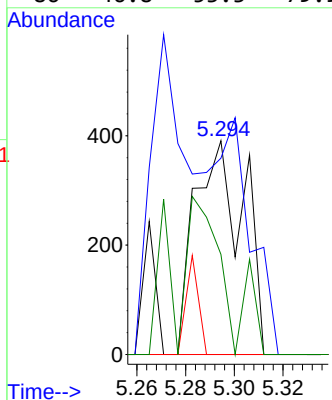
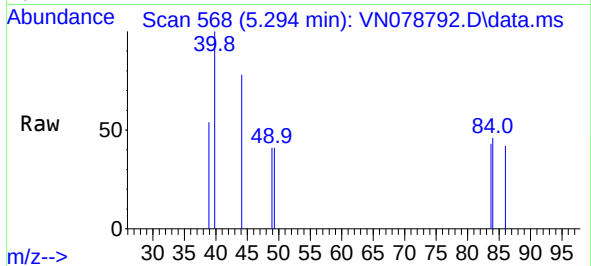




#20
Methylene Chloride
Concen: 0.316 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

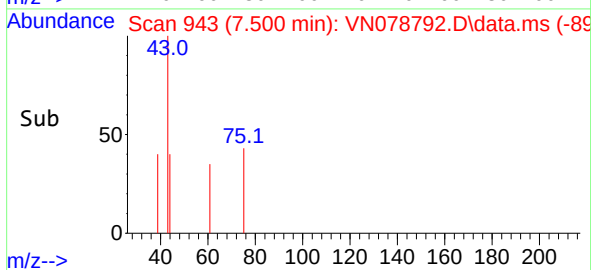
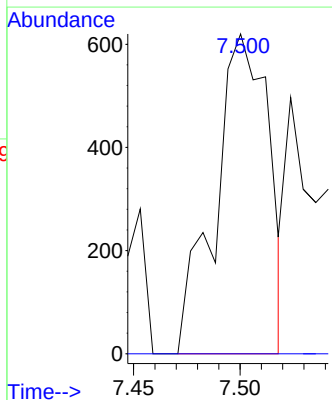
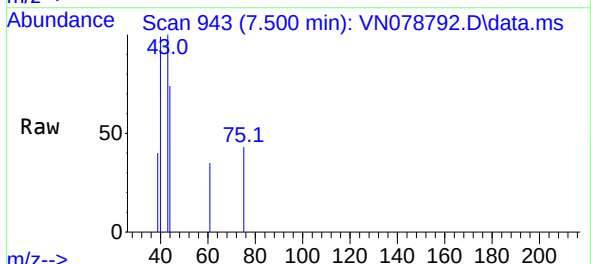
Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

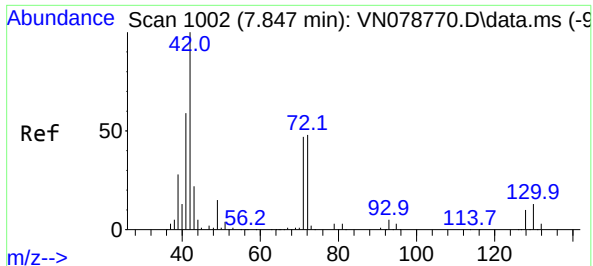
Tgt Ion:	84	Resp:	545
Ion	Ratio	Lower	Upper
84	100		
49	91.8	79.7	119.5
51	0.0	25.2	37.8#
86	46.8	53.3	79.9#



#25
2-Butanone
Concen: 0.921 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Tgt Ion:	43	Resp:	1085
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.2	45.2#





#29

Tetrahydrofuran

Concen: 0.910 ug/l

RT: 7.853 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN078792.D

Acq: 08 Aug 2023 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0808MBL01

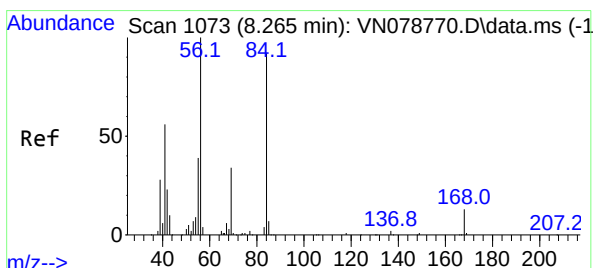
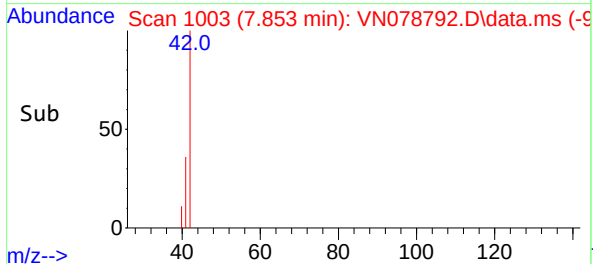
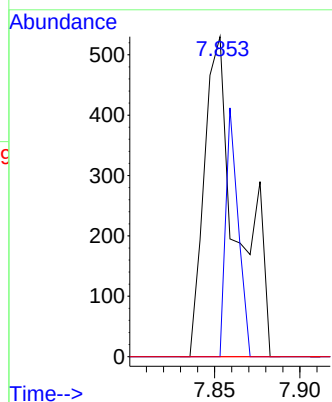
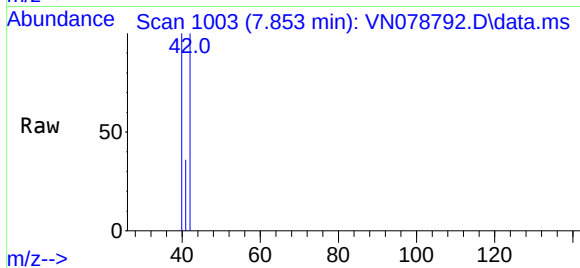
Tgt Ion: 42 Resp: 717

Ion Ratio Lower Upper

42 100

72 29.3 49.8 74.6#

71 0.0 47.4 71.2#



#31

Cyclohexane

Concen: 1.335 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.041 min

Lab File: VN078792.D

Acq: 08 Aug 2023 10:39

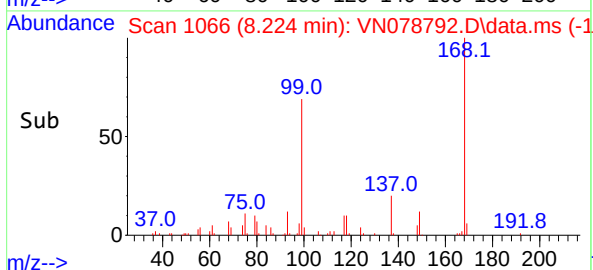
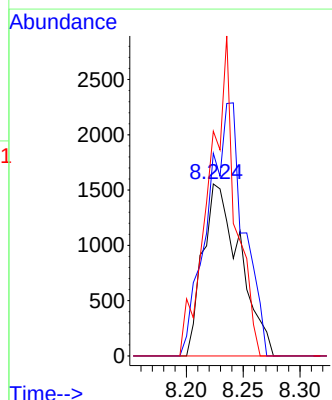
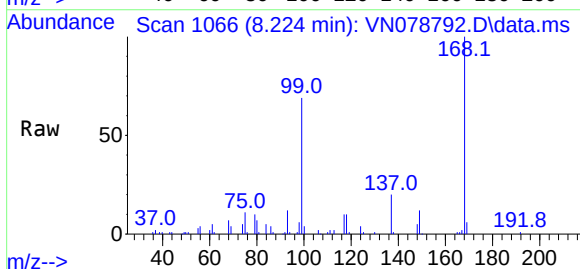
Tgt Ion: 56 Resp: 3545

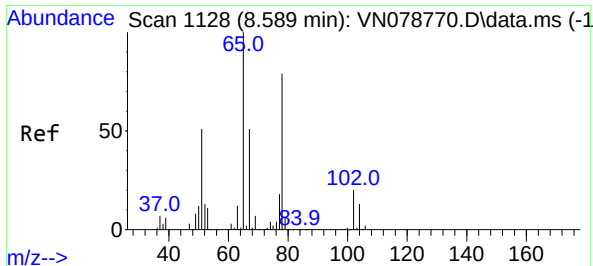
Ion Ratio Lower Upper

56 100

69 117.9 26.8 40.2#

84 130.7 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 50.637 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN078792.D

Acq: 08 Aug 2023 10:39

Instrument :

MSVOA_N

ClientSampleId :

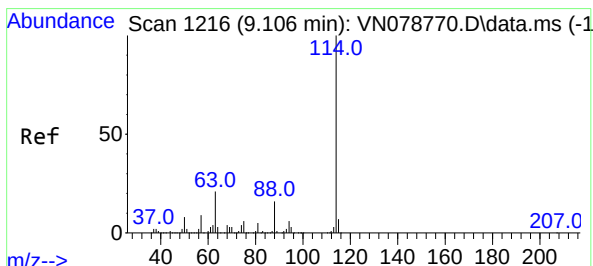
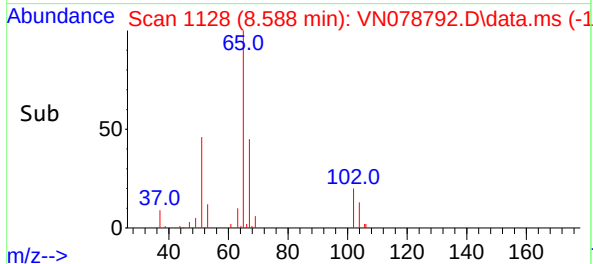
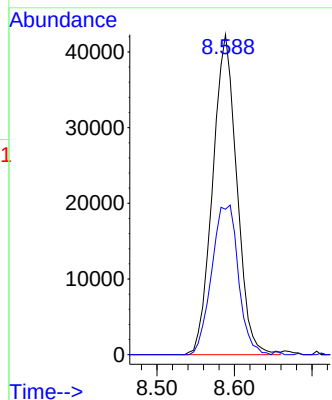
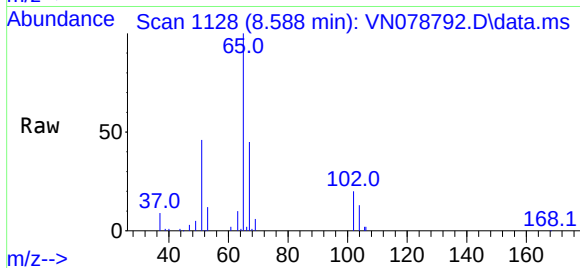
VN0808MBL01

Tgt Ion: 65 Resp: 91521

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078792.D

Acq: 08 Aug 2023 10:39

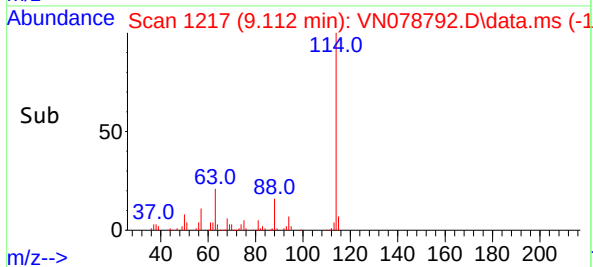
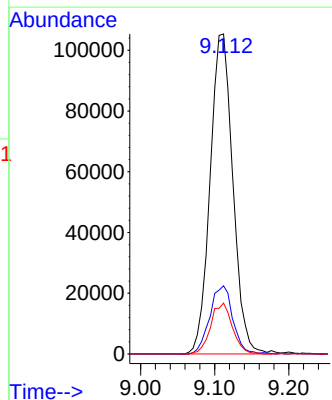
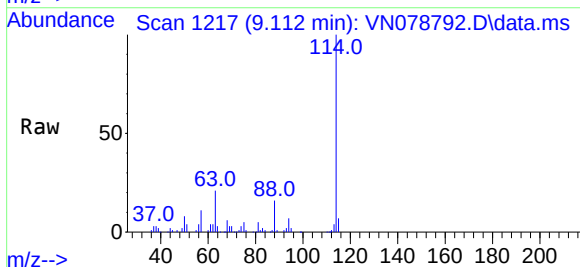
Tgt Ion: 114 Resp: 225094

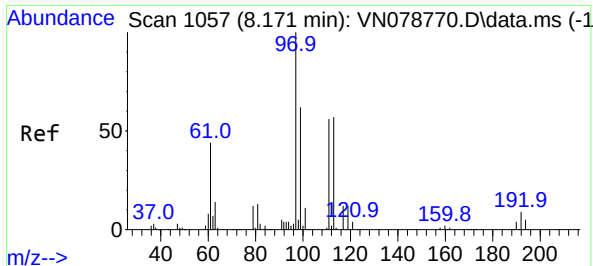
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 15.9 0.0 30.6

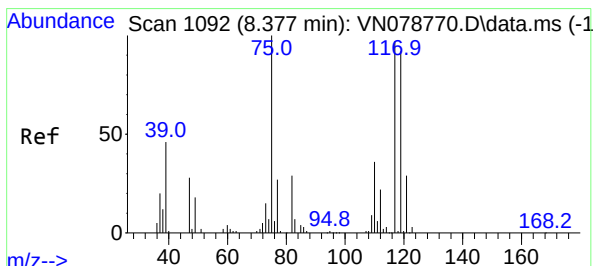
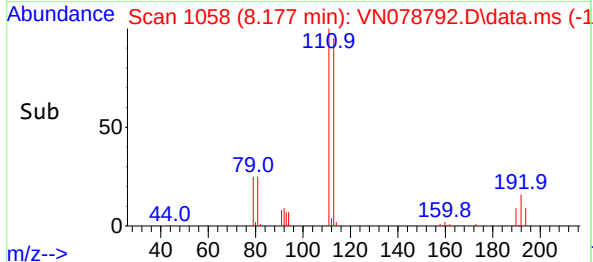
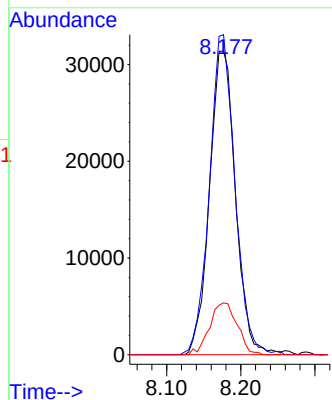
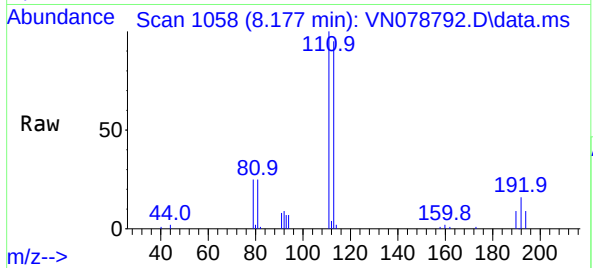




#35
Dibromofluoromethane
Concen: 50.358 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

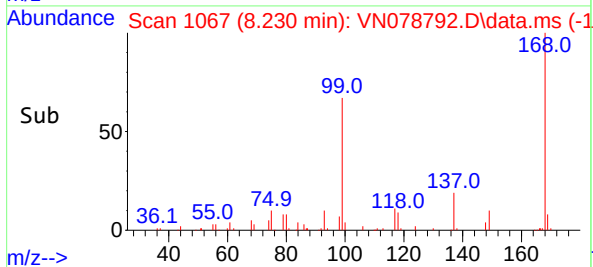
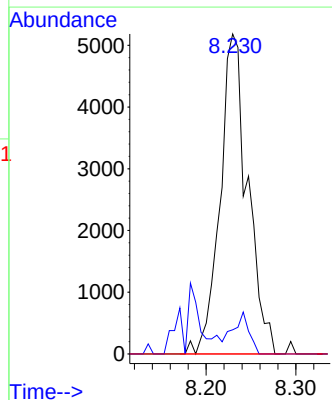
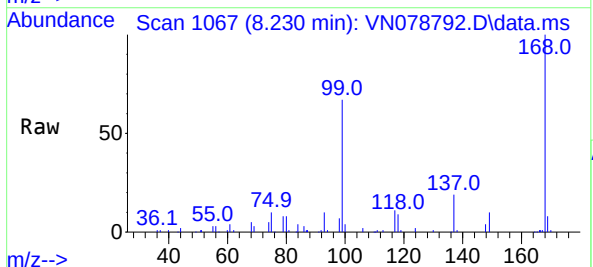
Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

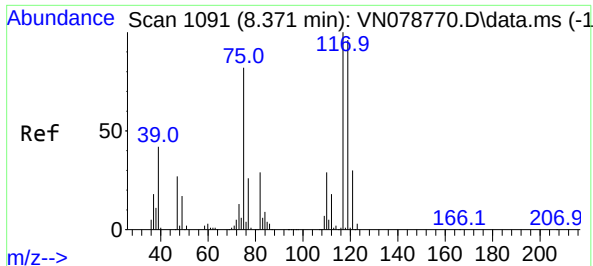
Tgt Ion:113 Resp: 76549
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 18.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.660 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Tgt Ion: 75 Resp: 10989
Ion Ratio Lower Upper
75 100
110 7.8 19.1 57.3#
77 0.0 25.0 37.4#

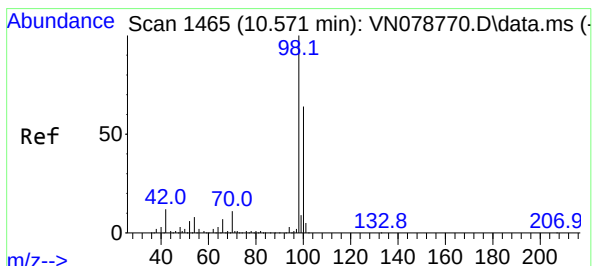
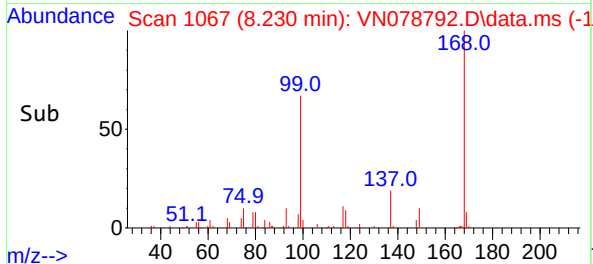
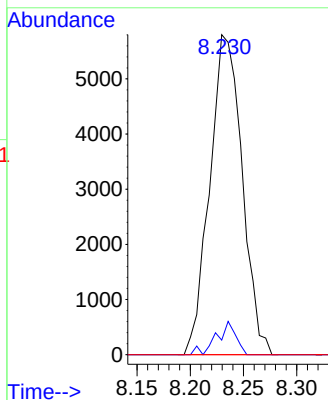
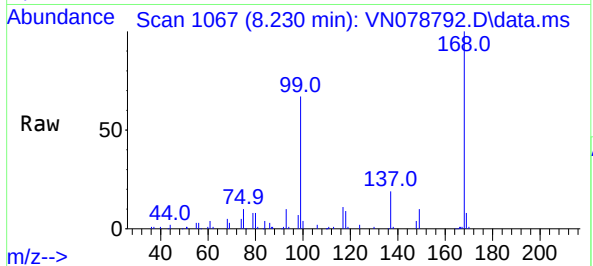




#38
Carbon Tetrachloride
Concen: 5.043 ug/l
RT: 8.230 min Scan# 1091
Delta R.T. -0.141 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

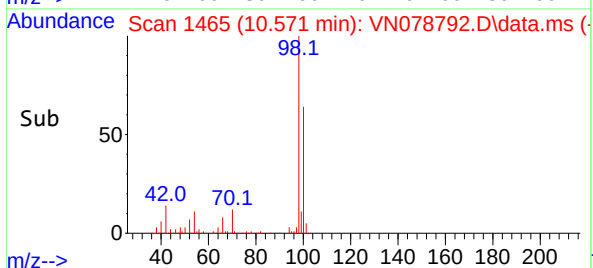
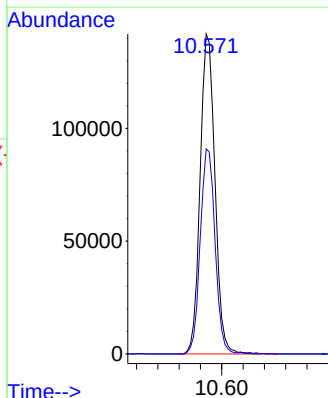
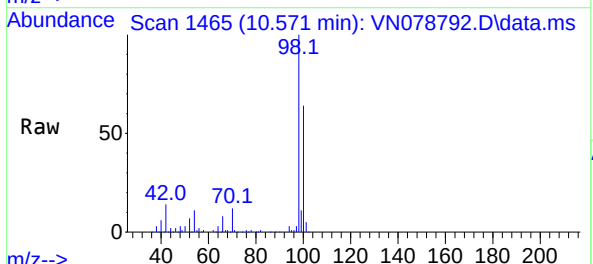
Instrument : MSVOA_N
ClientSampleId : VN0808MBL01

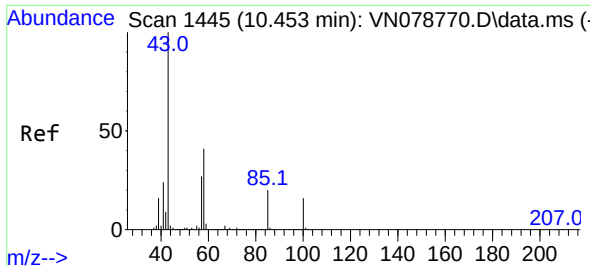
Tgt Ion:117	Resp:	12260
Ion	Ratio	Lower Upper
117	100	
119	4.5	77.3 115.9#
121	0.0	23.3 34.9#



#50
Toluene-d8
Concen: 48.953 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Tgt Ion: 98	Resp:	273836
Ion	Ratio	Lower Upper
98	100	
100	64.2	52.0 78.0

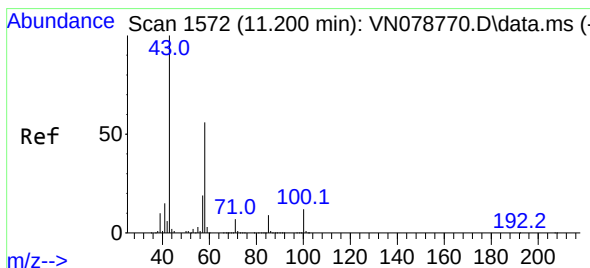
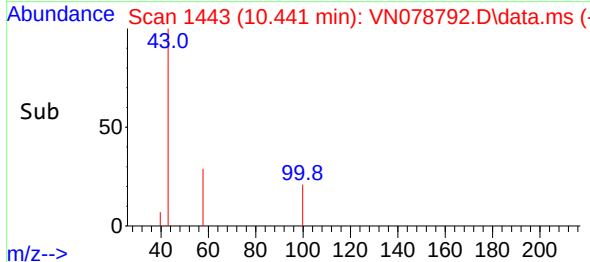
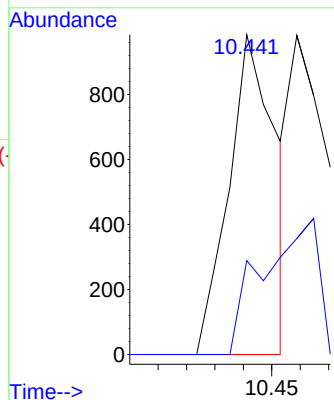
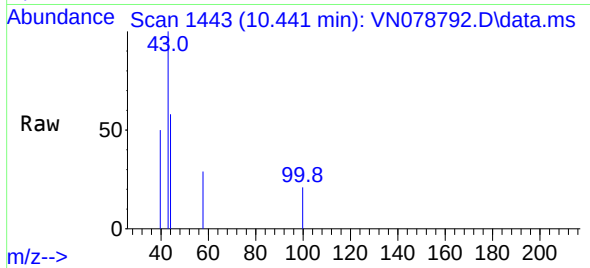




#51
4-Methyl-2-Pentanone
Concen: 0.433 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.012 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

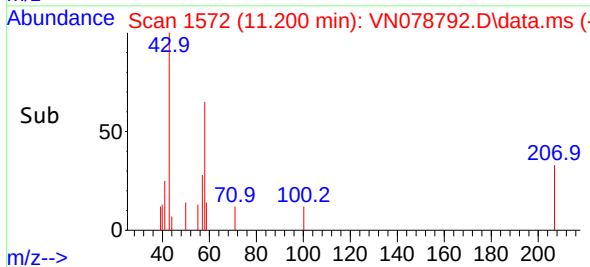
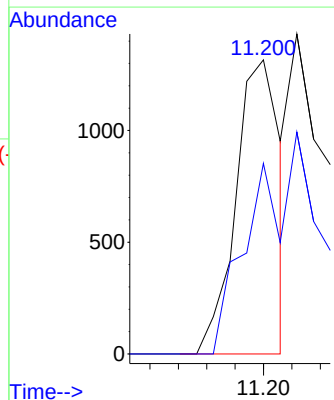
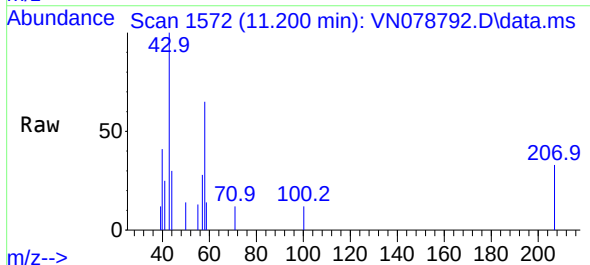
Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

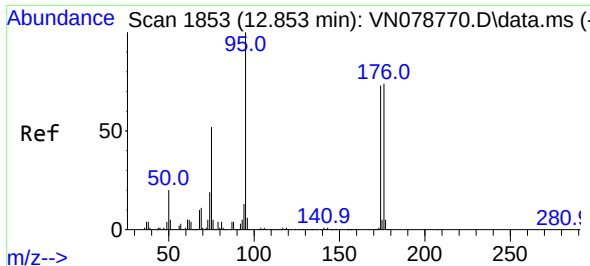
Tgt Ion: 43 Resp: 1120
Ion Ratio Lower Upper
43 100
58 0.0 36.6 54.8#



#59
2-Hexanone
Concen: 0.784 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Tgt Ion: 43 Resp: 1437
Ion Ratio Lower Upper
43 100
58 104.7 31.7 95.1#

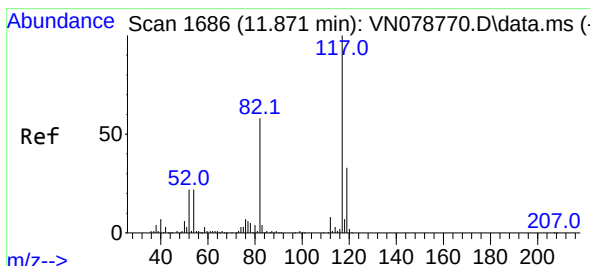
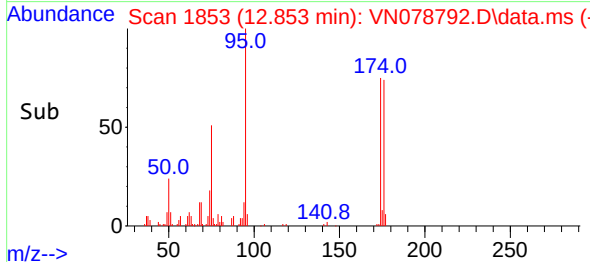
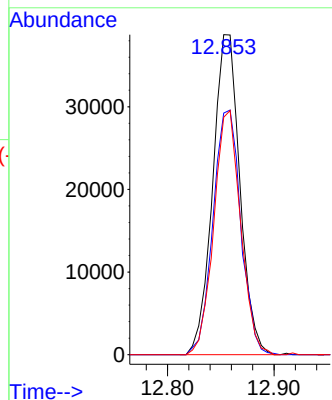
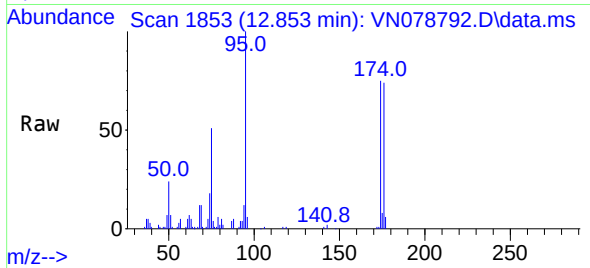




#62
4-Bromofluorobenzene
Concen: 40.984 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

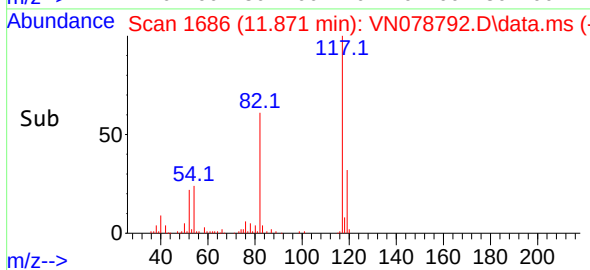
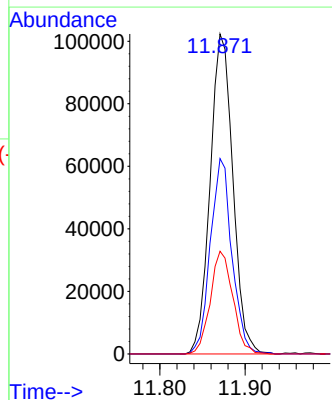
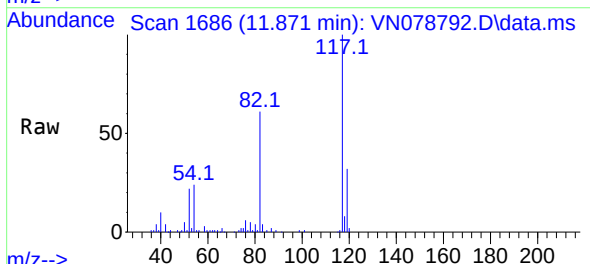
Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

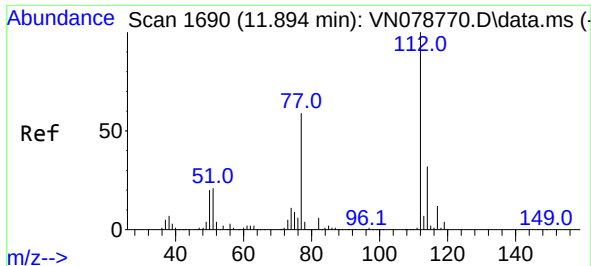
Tgt Ion:	95	Resp:	68516
Ion	Ratio	Lower	Upper
95	100		
174	78.1	0.0	143.8
176	75.2	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Tgt Ion:	117	Resp:	189947
Ion	Ratio	Lower	Upper
117	100		
82	61.0	44.0	66.0
119	32.1	25.6	38.4

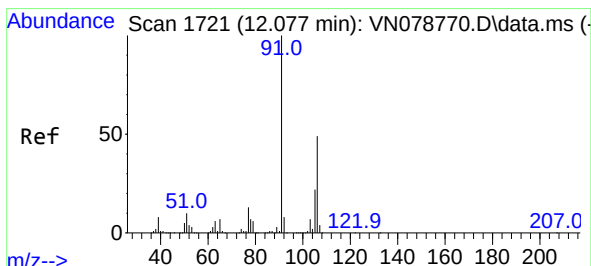
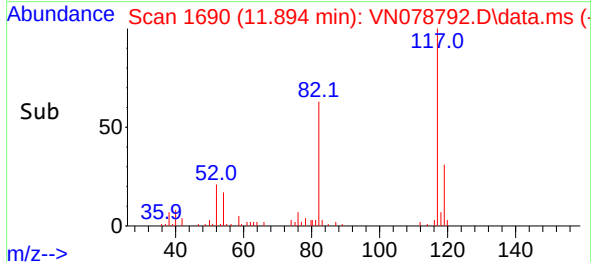
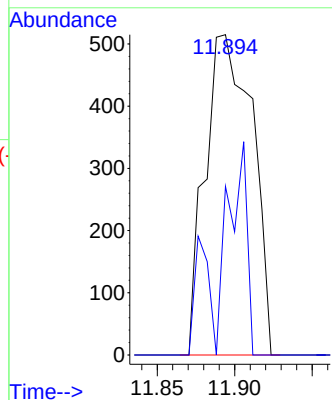
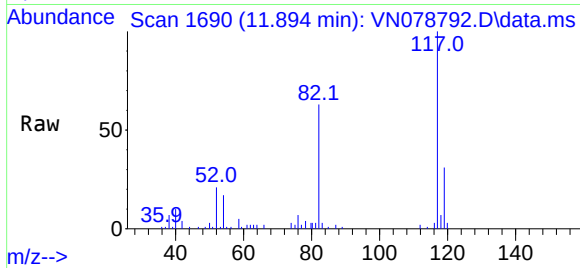




#65
Chlorobenzene
Concen: 0.252 ug/l
RT: 11.894 min Scan# 1188
Delta R.T. -0.000 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

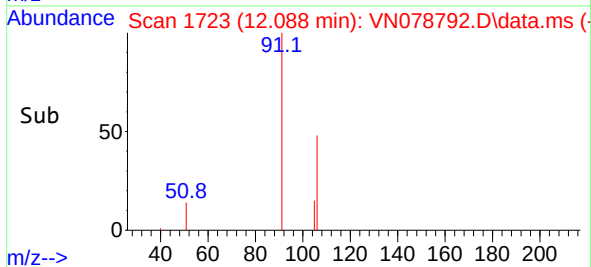
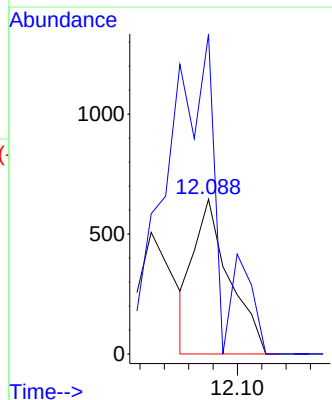
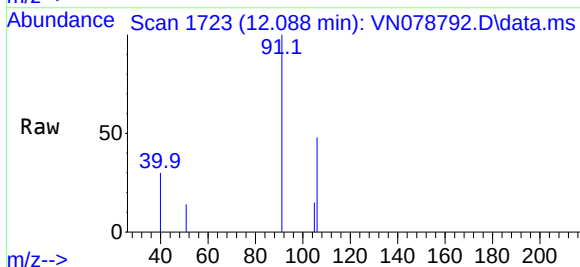
Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

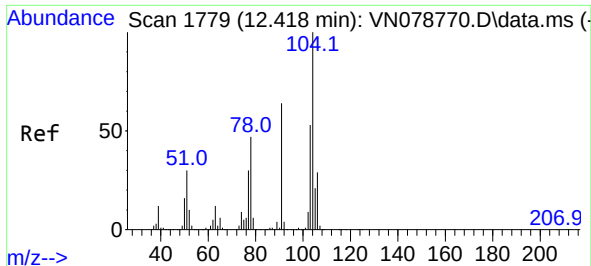
Tgt Ion:112 Resp: 1088
Ion Ratio Lower Upper
112 100
114 52.6 25.0 37.4#



#68
m/p-Xylenes
Concen: 0.230 ug/l
RT: 12.088 min Scan# 1723
Delta R.T. 0.011 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Tgt Ion:106 Resp: 653
Ion Ratio Lower Upper
106 100
91 300.8 159.6 239.4#

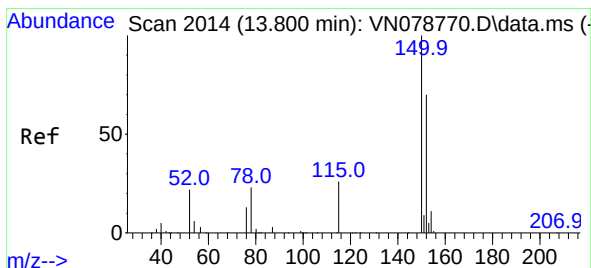
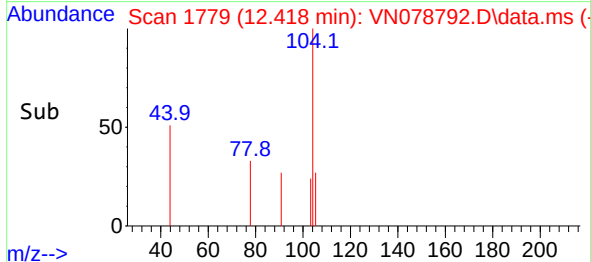
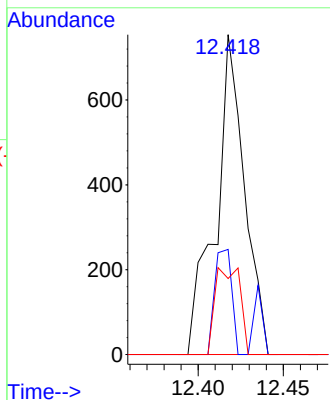
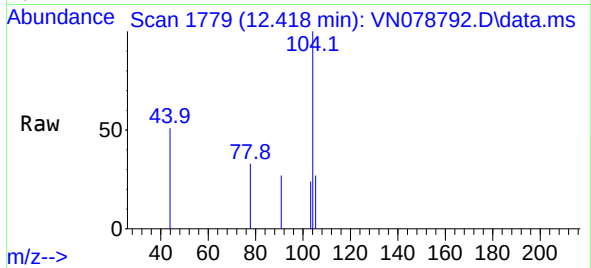




#70
Styrene
Concen: 0.203 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

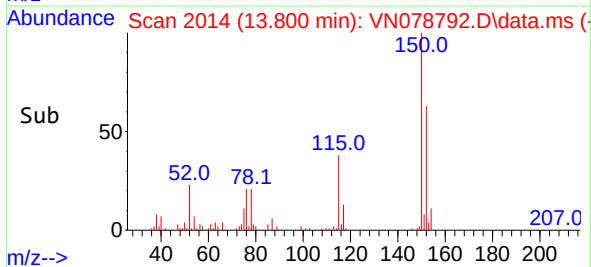
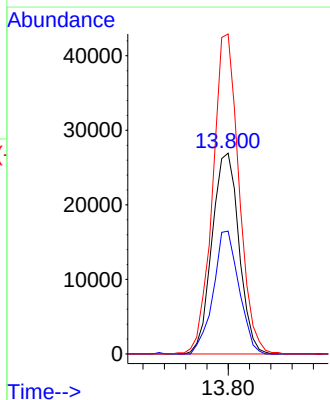
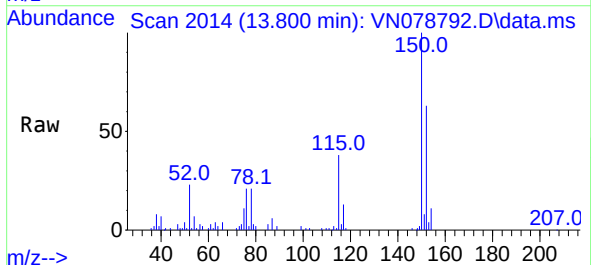
Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

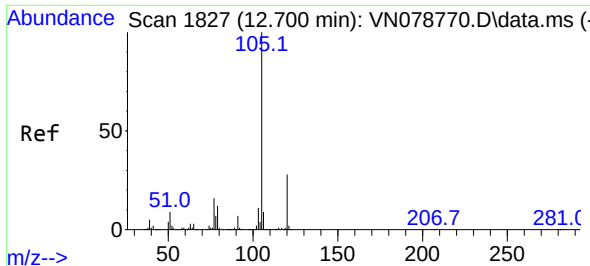
Tgt Ion:104 Resp: 891
Ion Ratio Lower Upper
104 100
78 19.3 39.5 59.3#
103 23.3 43.2 64.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Tgt Ion:152 Resp: 47269
Ion Ratio Lower Upper
152 100
115 58.4 32.3 96.8
150 155.1 0.0 355.8

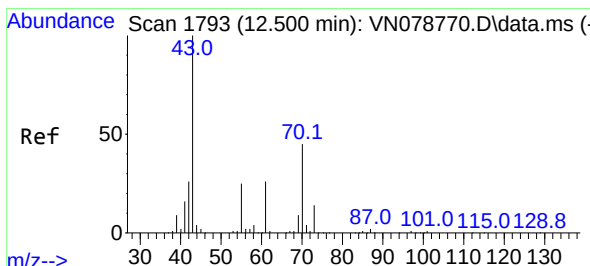
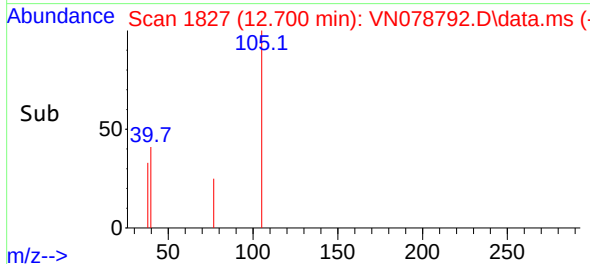
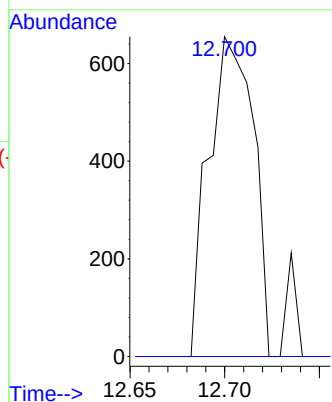
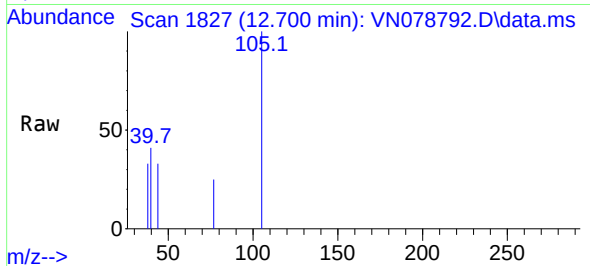




#73
Isopropylbenzene
Concen: 0.232 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

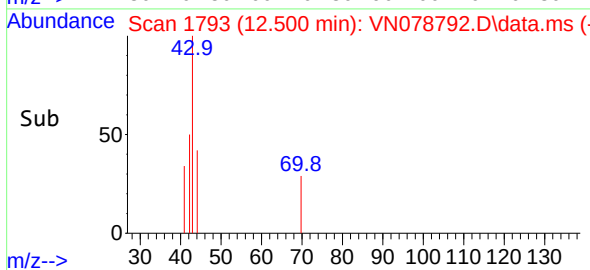
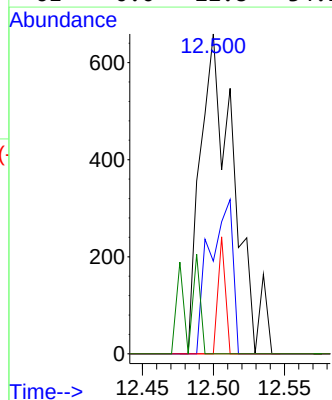
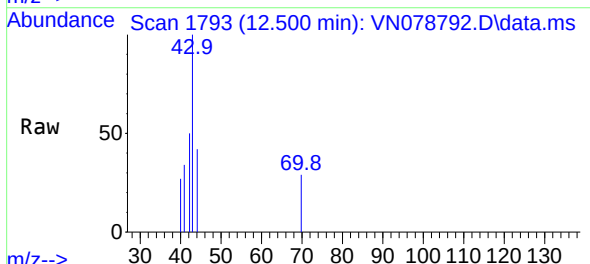
Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

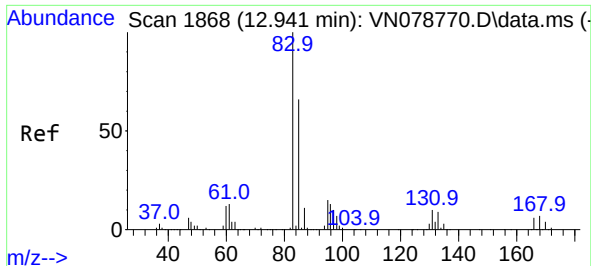
Tgt Ion:105 Resp: 1081
Ion Ratio Lower Upper
105 100
120 0.0 13.1 39.1#



#74
N-ethyl acetate
Concen: 0.511 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Tgt Ion: 43 Resp: 1079
Ion Ratio Lower Upper
43 100
70 33.3 43.4 65.2#
55 7.9 21.4 32.0#
61 0.0 22.8 34.2#

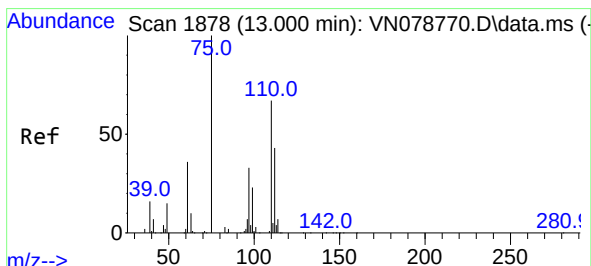
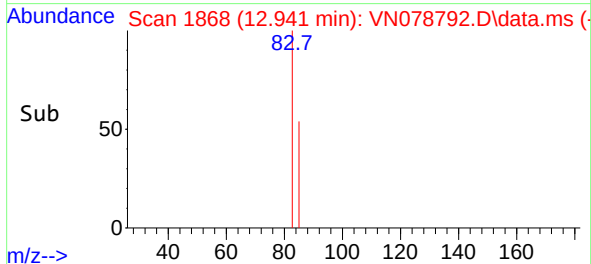
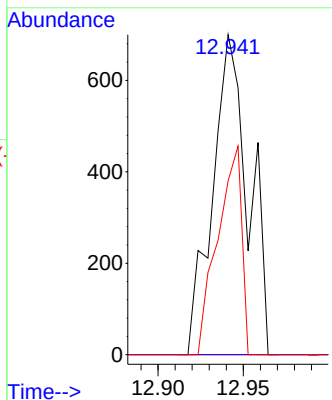
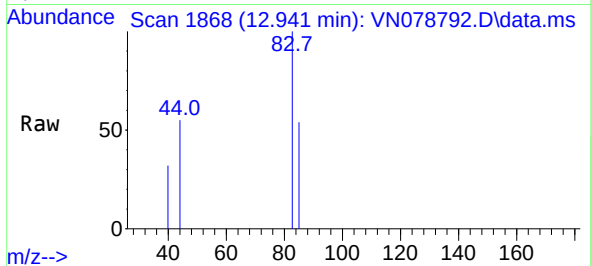




#75
1,1,2,2-Tetrachloroethane
Concen: 0.648 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

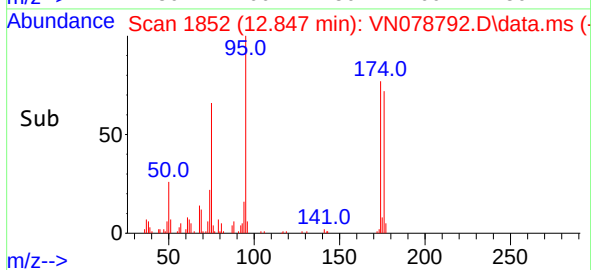
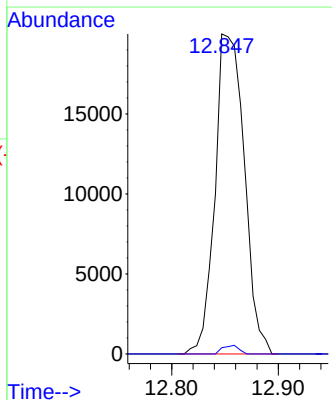
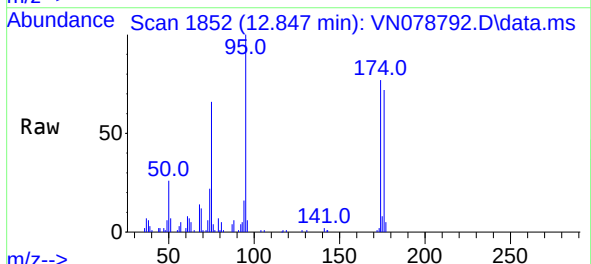
Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

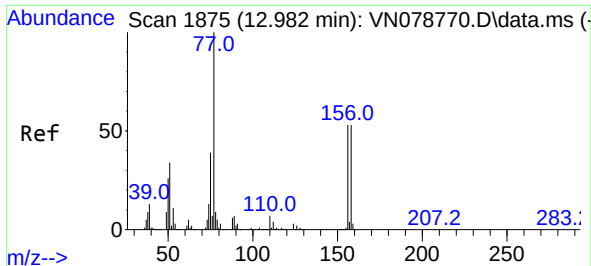
Tgt Ion: 83 Resp: 1024
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 43.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 29.883 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.153 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Tgt Ion: 75 Resp: 38190
Ion Ratio Lower Upper
75 100
77 1.5 84.5 253.5#

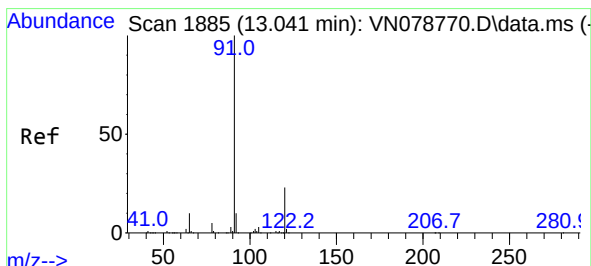
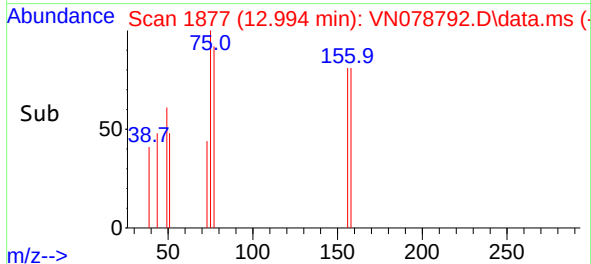
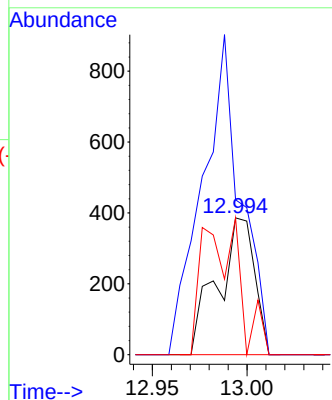
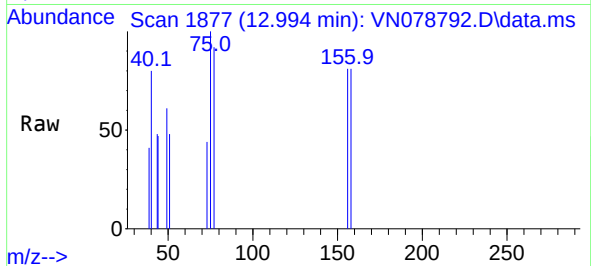




#77
Bromobenzene
Concen: 0.483 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.012 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

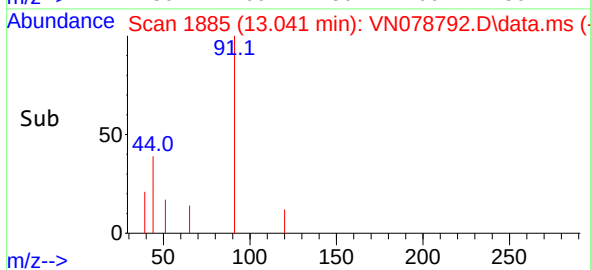
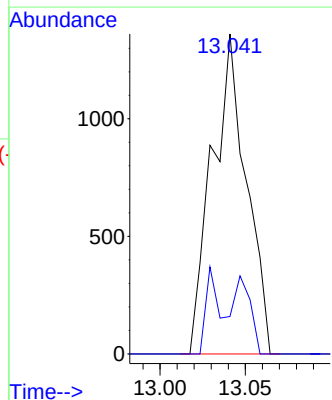
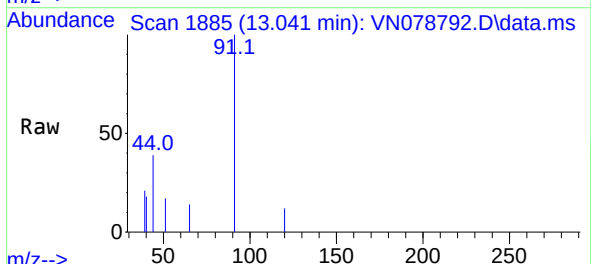
Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

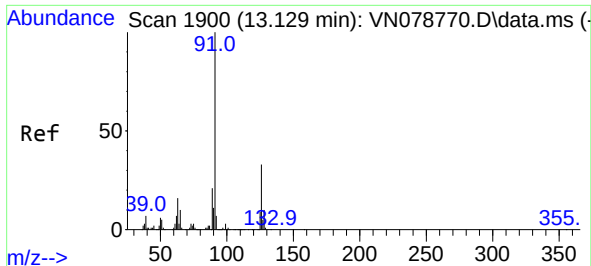
Tgt Ion:156 Resp: 527
Ion Ratio Lower Upper
156 100
77 241.7 107.7 323.3
158 97.2 48.4 145.3



#78
n-propylbenzene
Concen: 0.371 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Tgt Ion: 91 Resp: 1899
Ion Ratio Lower Upper
91 100
120 10.4 11.5 34.4#

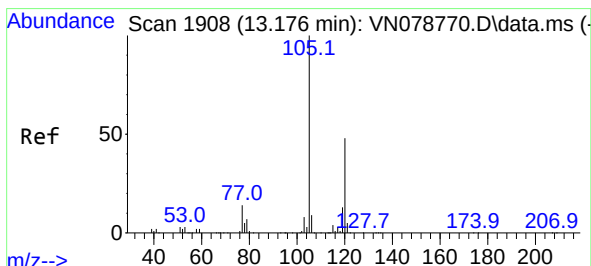
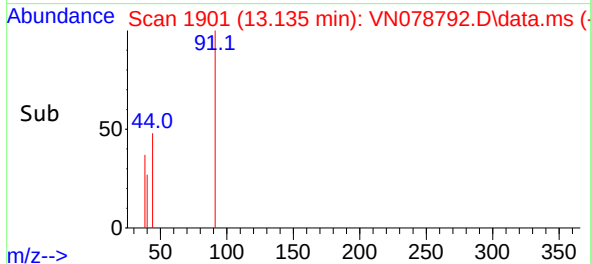
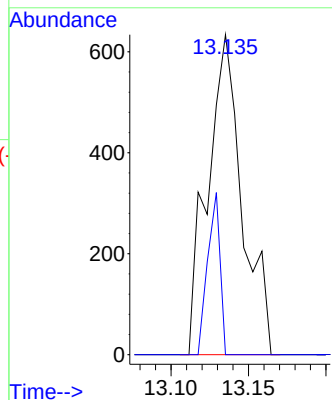
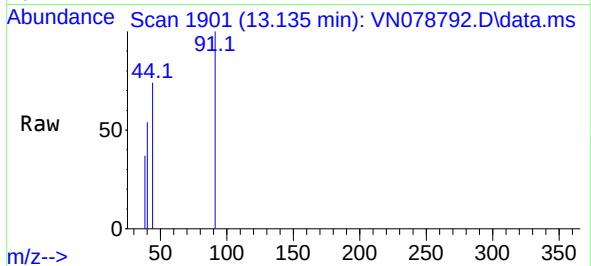




#79
2-Chlorotoluene
Concen: 0.300 ug/l
RT: 13.135 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

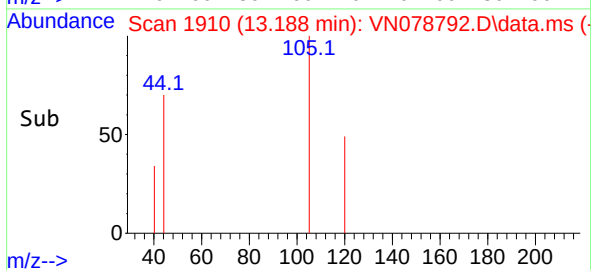
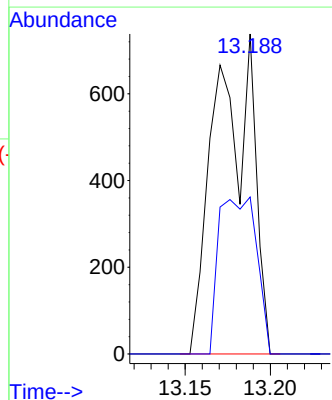
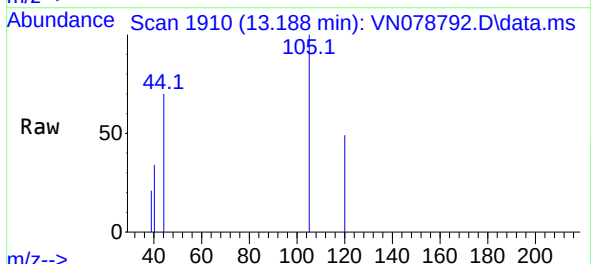
Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

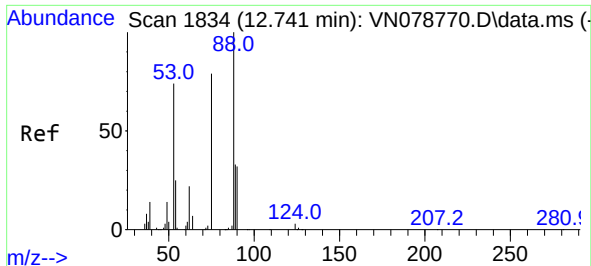
Tgt Ion: 91 Resp: 984
Ion Ratio Lower Upper
91 100
126 18.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.310 ug/l
RT: 13.188 min Scan# 1910
Delta R.T. 0.012 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Tgt Ion: 105 Resp: 1156
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3

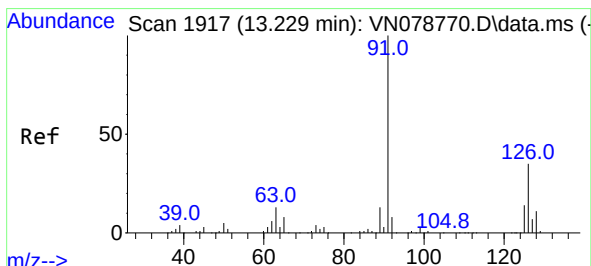
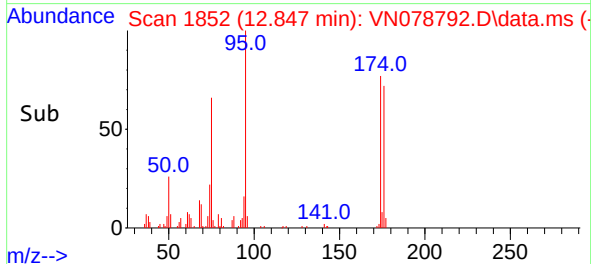
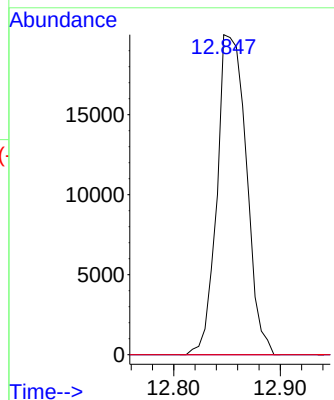
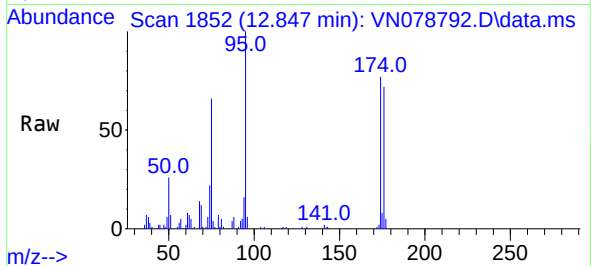




#81
trans-1,4-Dichloro-2-butene
Concen: 80.186 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

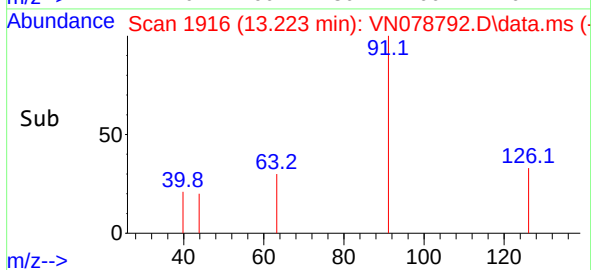
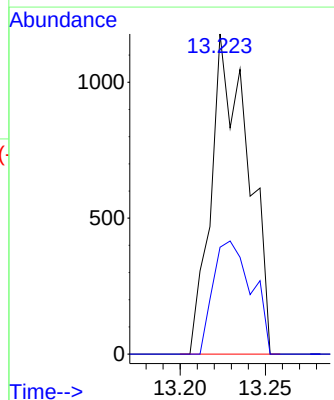
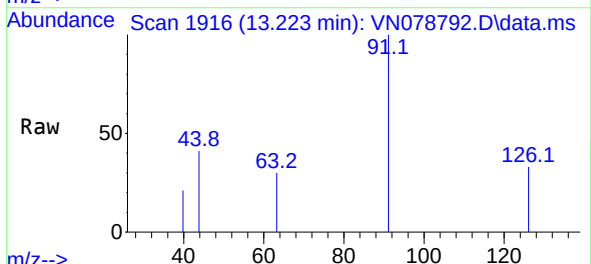
Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

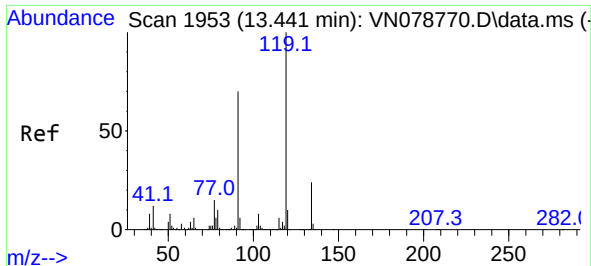
Tgt Ion: 75 Resp: 38190
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.590 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Tgt Ion: 91 Resp: 1773
Ion Ratio Lower Upper
91 100
126 36.9 16.7 50.0



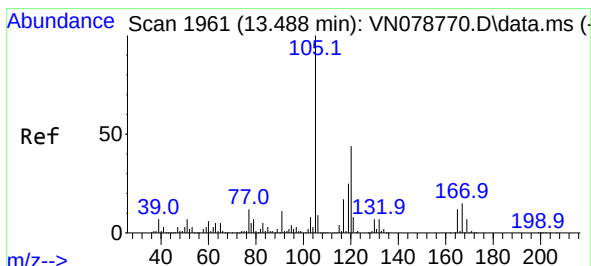
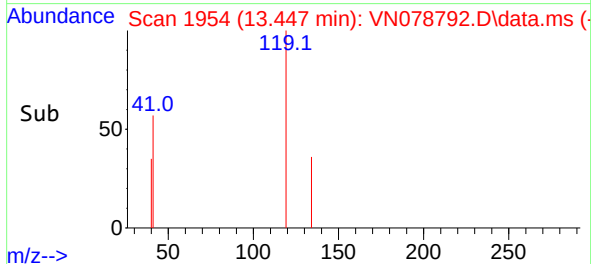
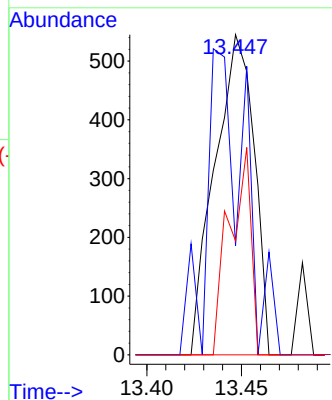
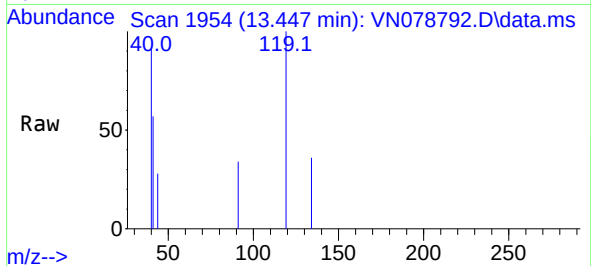


#83
tert-Butylbenzene
Concen: 0.254 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

Tgt Ion:119 Resp: 787

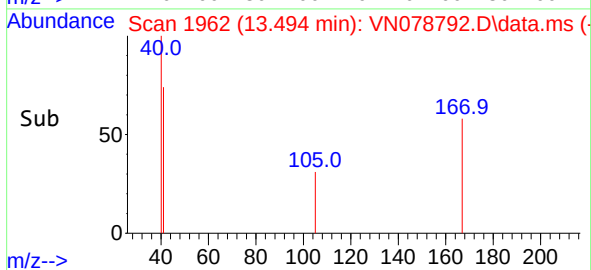
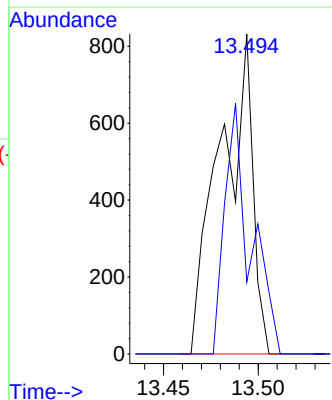
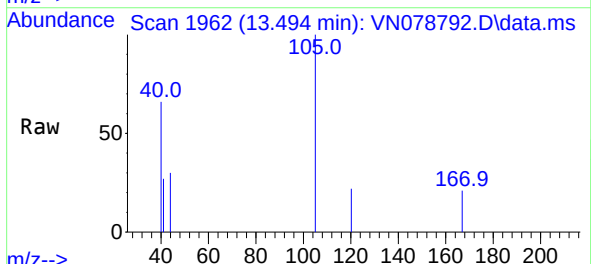
Ion	Ratio	Lower	Upper
119	100		
91	92.8	33.9	101.7
134	35.5	13.2	39.6

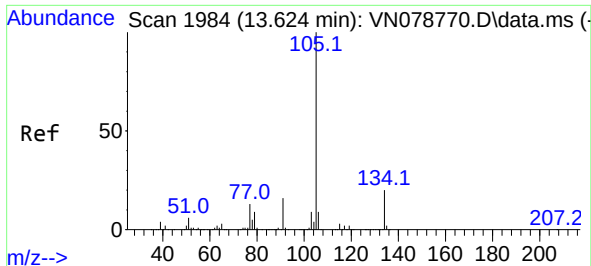


#84
1,2,4-Trimethylbenzene
Concen: 0.278 ug/l
RT: 13.494 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Tgt Ion:105 Resp: 994

Ion	Ratio	Lower	Upper
105	100		
120	61.4	22.0	66.0

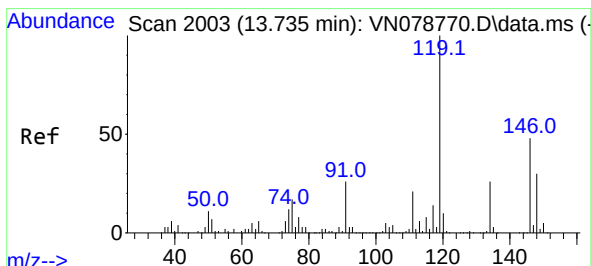
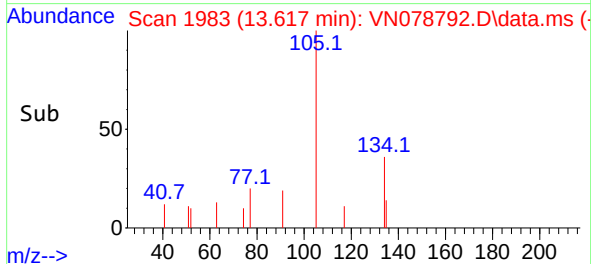
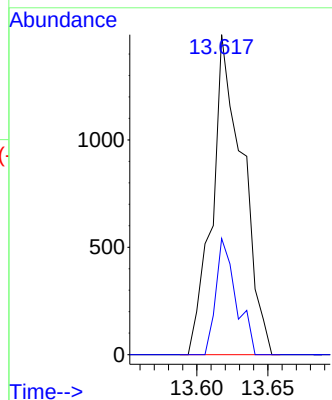
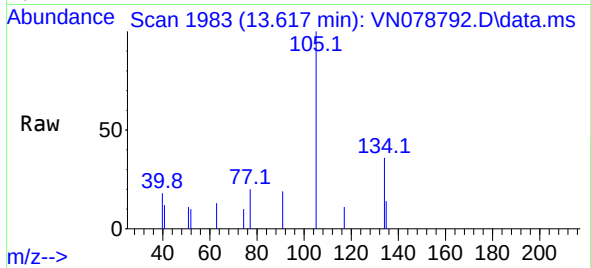




#85
 sec-Butylbenzene
 Concen: 0.548 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN078792.D
 Acq: 08 Aug 2023 10:39

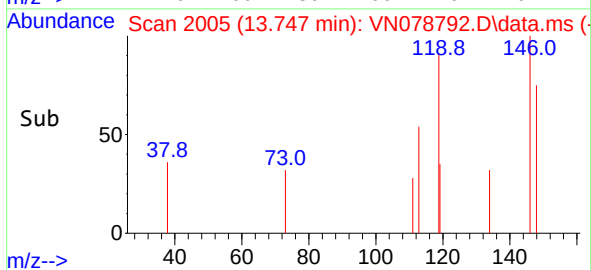
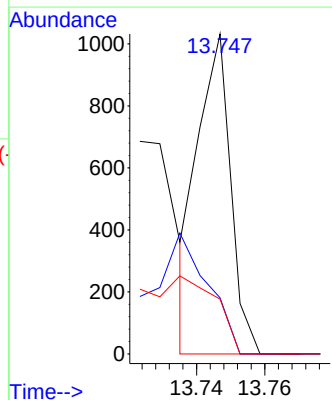
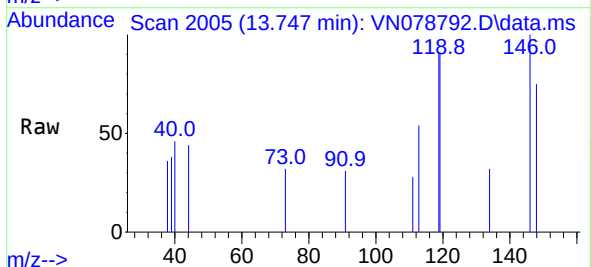
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808MBL01

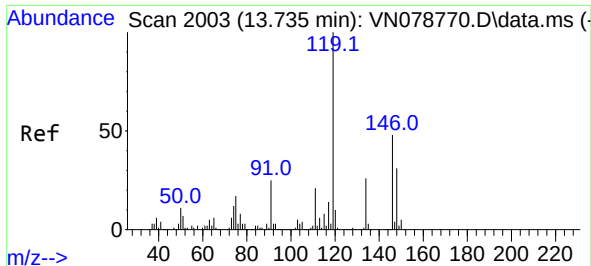
Tgt Ion:105 Resp: 2226
 Ion Ratio Lower Upper
 105 100
 134 24.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.211 ug/l
 RT: 13.747 min Scan# 2005
 Delta R.T. 0.012 min
 Lab File: VN078792.D
 Acq: 08 Aug 2023 10:39

Tgt Ion:119 Resp: 680
 Ion Ratio Lower Upper
 119 100
 134 63.5 12.6 37.8#
 91 53.7 12.4 37.2#





#87

1,3-Dichlorobenzene

Concen: 0.389 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.012 min

Lab File: VN078792.D

Acq: 08 Aug 2023 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0808MBL01

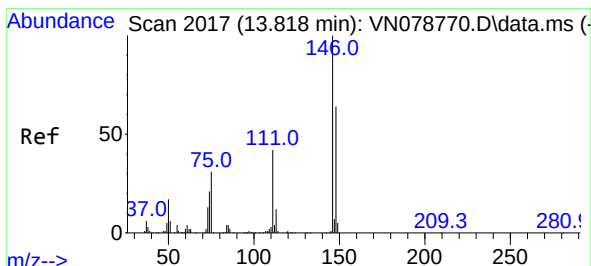
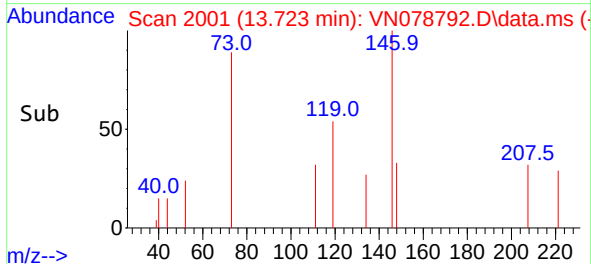
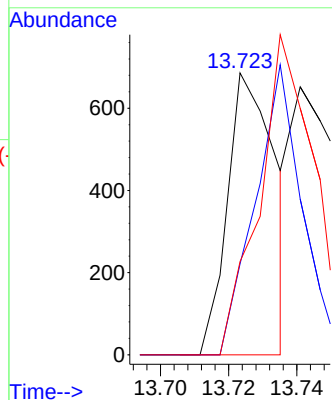
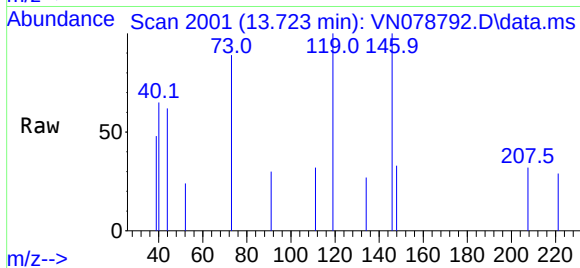
Tgt Ion:146 Resp: 678

Ion Ratio Lower Upper

146 100

111 97.9 22.1 66.3#

148 123.3 32.0 96.0#



#88

1,4-Dichlorobenzene

Concen: 1.127 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN078792.D

Acq: 08 Aug 2023 10:39

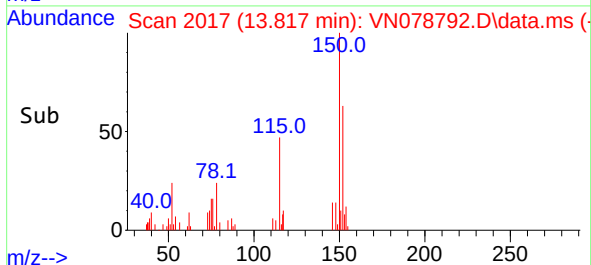
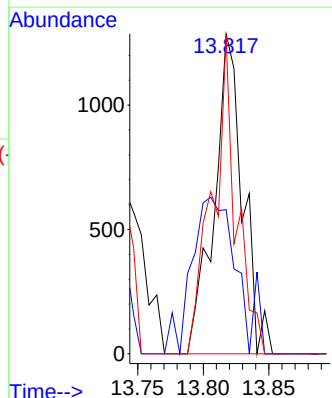
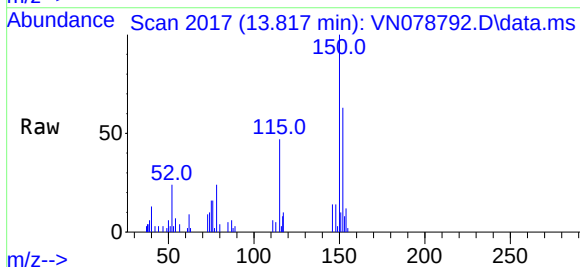
Tgt Ion:146 Resp: 1948

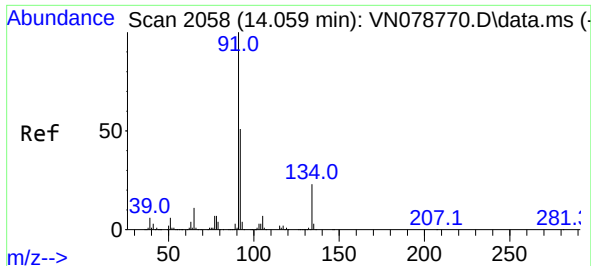
Ion Ratio Lower Upper

146 100

111 77.6 20.6 61.8#

148 82.9 31.6 94.8

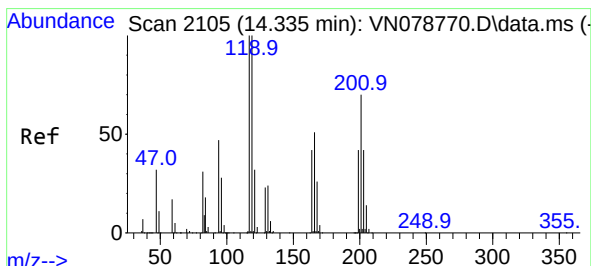
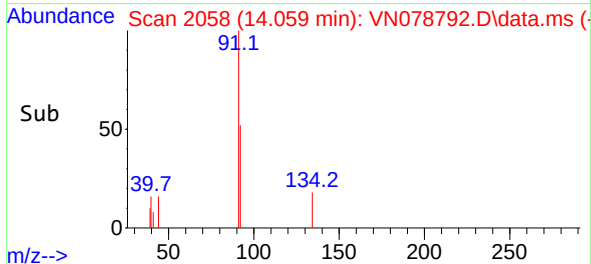
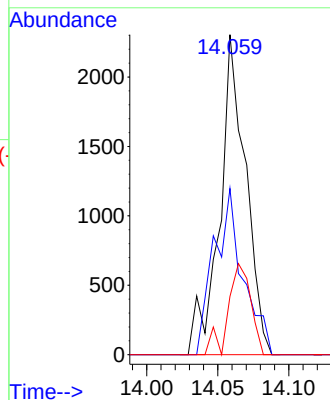
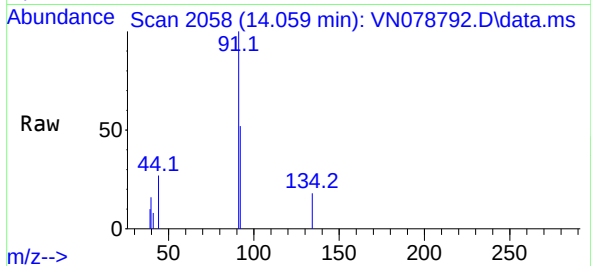




#89
n-Butylbenzene
Concen: 1.210 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

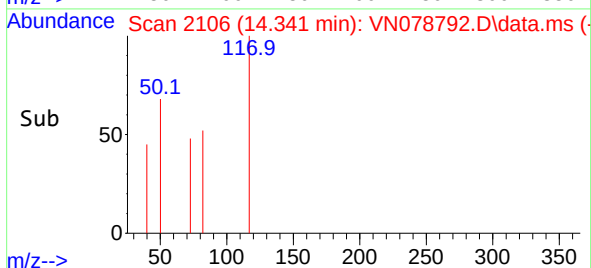
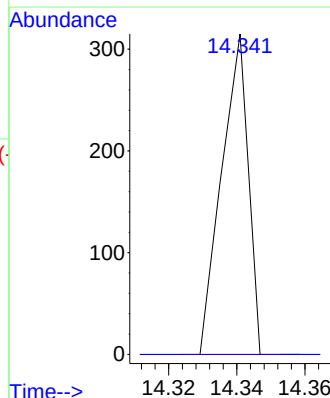
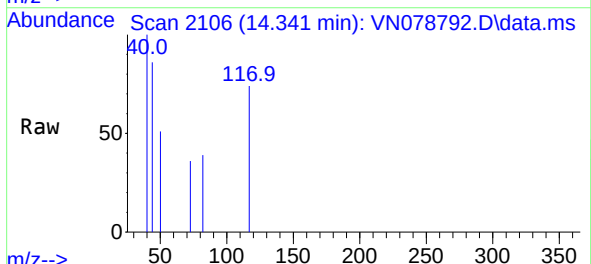
Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

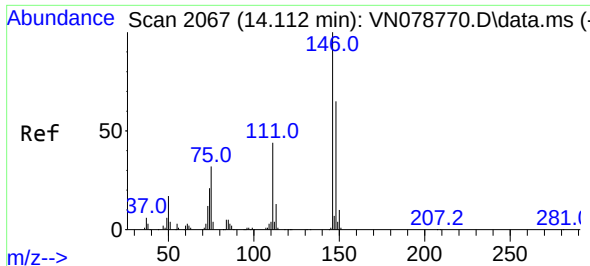
Tgt Ion: 91 Resp: 2929
Ion Ratio Lower Upper
91 100
92 58.0 26.4 79.0
134 24.8 12.6 37.6



#90
Hexachloroethane
Concen: 0.256 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Tgt Ion: 117 Resp: 171
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#

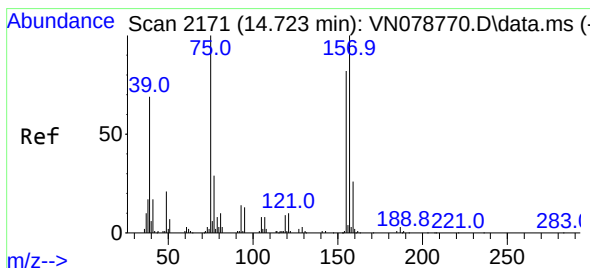
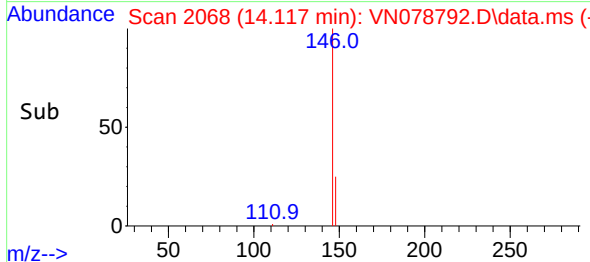
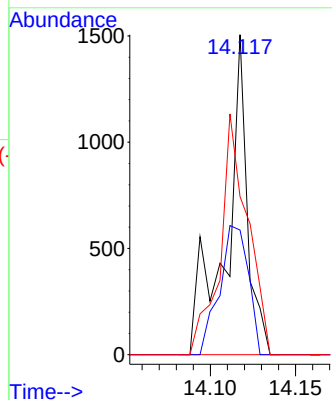
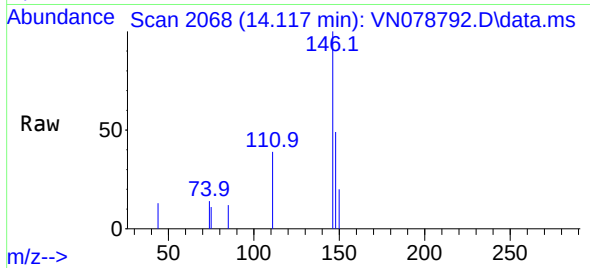




#91
1,2-Dichlorobenzene
Concen: 0.772 ug/l
RT: 14.117 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

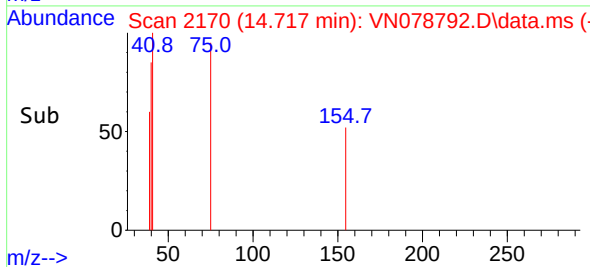
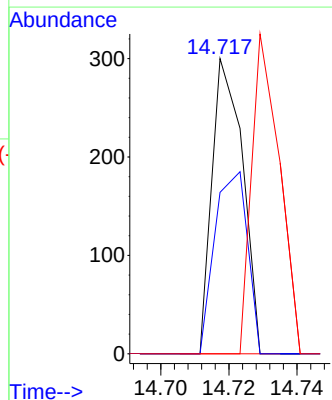
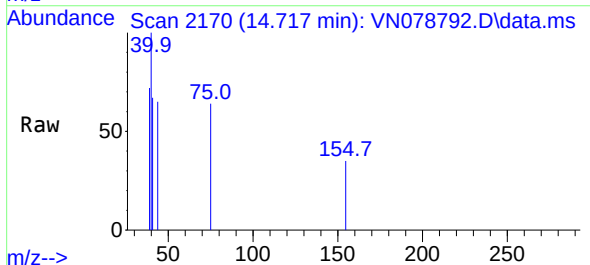
Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

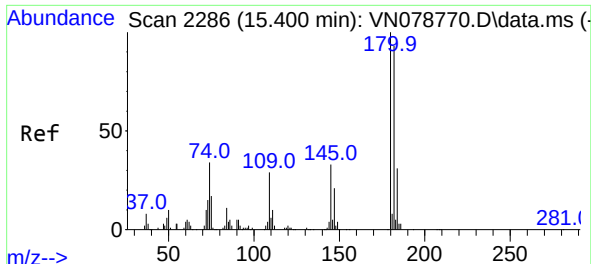
Tgt Ion:146 Resp: 1297
Ion Ratio Lower Upper
146 100
111 55.1 22.0 66.0
148 97.6 31.8 95.3#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.771 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Tgt Ion: 75 Resp: 187
Ion Ratio Lower Upper
75 100
155 65.8 39.1 117.2
157 97.9 50.3 150.9

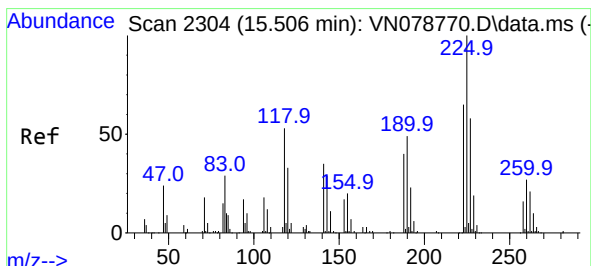
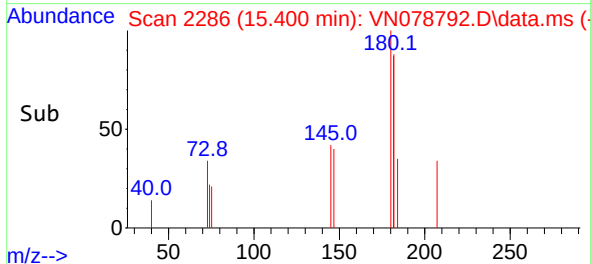
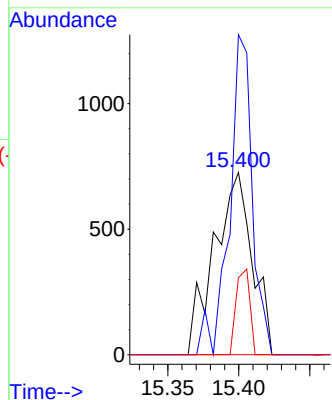
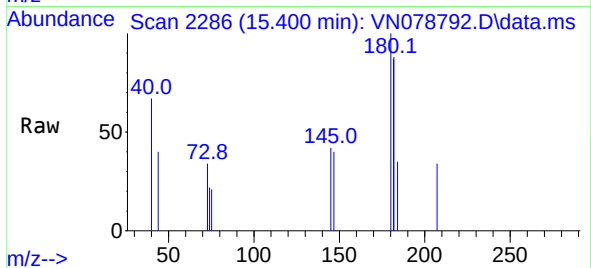




#93
1,2,4-Trichlorobenzene
Concen: 2.871 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

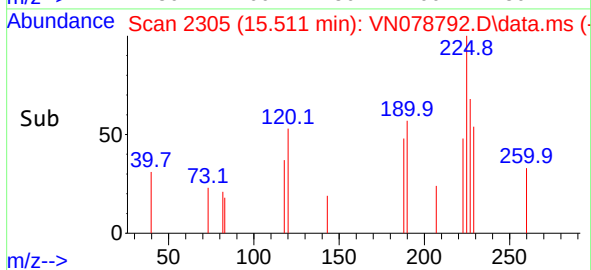
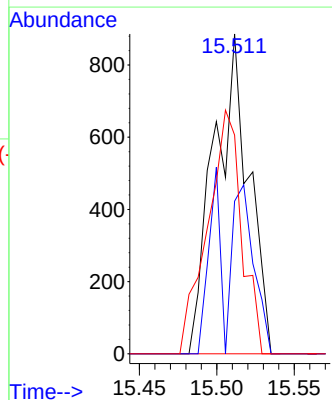
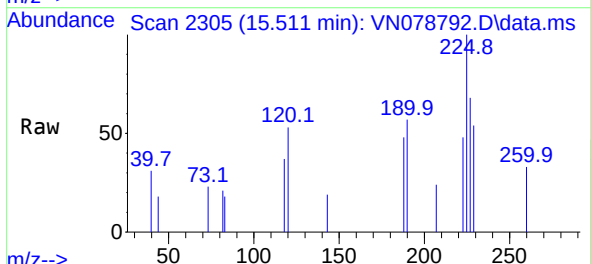
Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

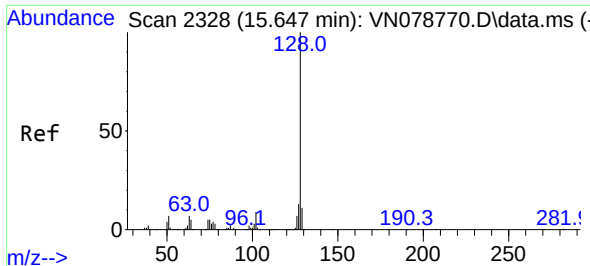
Tgt Ion:180 Resp: 1355
Ion Ratio Lower Upper
180 100
182 104.7 46.1 138.2
145 16.9 16.6 49.8



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Tgt Ion:225 Resp: 1382
Ion Ratio Lower Upper
225 100
223 33.0 31.3 93.8
227 74.4 31.9 95.9

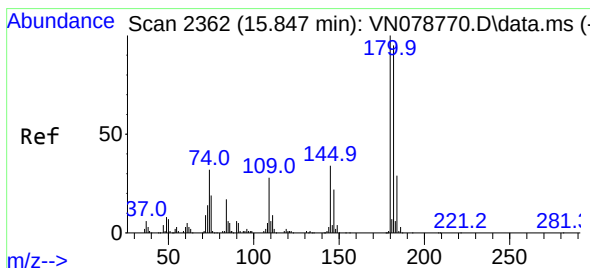
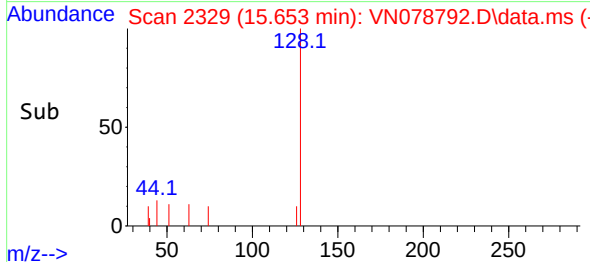
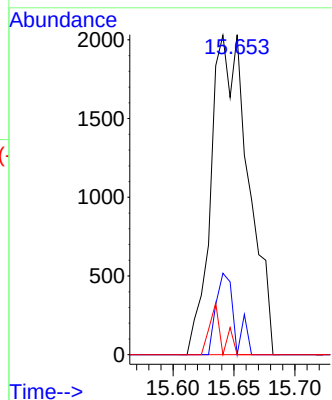
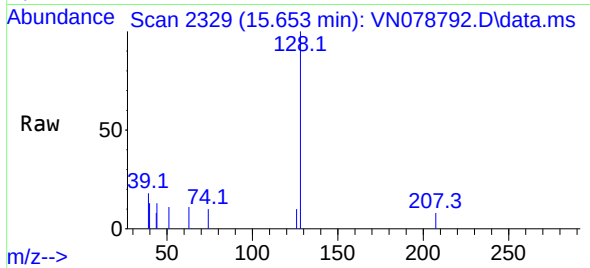




#95
Naphthalene
Concen: 2.760 ug/l
RT: 15.653 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Instrument :
MSVOA_N
ClientSampleId :
VN0808MBL01

Tgt Ion:128 Resp: 4347
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 5.4 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 2.280 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078792.D
Acq: 08 Aug 2023 10:39

Tgt Ion:180 Resp: 1281
Ion Ratio Lower Upper
180 100
182 133.8 46.2 138.6
145 26.1 17.5 52.6

