

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061323\
 Data File : VN078182.D
 Acq On : 13 Jun 2023 13:36
 Operator : JC\MD
 Sample : 03172-01
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 14 02:18:33 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	552611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	989354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	909624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	443899	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	369140	50.100	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.200%	
35) Dibromofluoromethane	8.171	113	328029	52.438	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.880%	
50) Toluene-d8	10.570	98	1157898	48.014	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.020%	
62) 4-Bromofluorobenzene	12.853	95	458213	61.119	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 122.240%	

Target Compounds				Qvalue		
3) Chloromethane	2.371	50	1197	Below Cal	#	42
11) Tert butyl alcohol	5.488	59	12564	12.350	ug/l #	76
16) Acetone	4.441	43	12197889	5751.604	ug/l	98
18) Methyl Acetate	5.036	43	27941	2.862	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	14556	0.756	ug/l	98
22) Diisopropyl ether	6.700	45	6932	0.400	ug/l #	1
25) 2-Butanone	7.506	43	10753	3.297	ug/l #	85
29) Tetrahydrofuran	7.865	42	2026	0.929	ug/l #	67
31) Cyclohexane	8.224	56	78580	8.314	ug/l #	61
36) 1,1-Dichloropropene	8.229	75	48079	5.358	ug/l #	50
37) Ethyl Acetate	7.506	43	10753	1.534	ug/l #	63
38) Carbon Tetrachloride	8.229	117	61276	6.467	ug/l #	14
39) Methylcyclohexane	9.600	83	105314	11.325	ug/l	92
43) Isopropyl Acetate	8.700	43	32314	2.410	ug/l #	49
45) 1,2-Dichloropropane	9.594	63	1366	0.205	ug/l #	1
48) Methyl methacrylate	9.688	41	66673	11.851	ug/l #	81
51) 4-Methyl-2-Pentanone	10.453	43	186259	26.385	ug/l	94
52) Toluene	10.635	92	7085172	418.917	ug/l	98
53) t-1,3-Dichloropropene	10.635	75	85139	8.965	ug/l #	1
55) 1,1,2-Trichloroethane	11.012	97	3520	0.550	ug/l #	37
59) 2-Hexanone	11.200	43	4307	0.876	ug/l	81
67) Ethyl Benzene	11.970	91	119942	3.568	ug/l	96
68) m/p-Xylenes	12.076	106	185139	14.453	ug/l	98
69) o-Xylene	12.406	106	98993	7.869	ug/l	92
70) Styrene	12.406	104	7250	0.366	ug/l #	1
73) Isopropylbenzene	12.700	105	44567	1.062	ug/l	95
74) N-amyl acetate	12.482	43	39442	2.853	ug/l #	38
75) 1,1,2,2-Tetrachloroethane	12.929	83	1203	Below Cal	#	28
76) 1,2,3-Trichloropropane	12.853	75	236535	22.540	ug/l #	1
78) n-propylbenzene	13.041	91	211505	4.638	ug/l	99
79) 2-Chlorotoluene	13.264	91	14960	0.508	ug/l	80
80) 1,3,5-Trimethylbenzene	13.176	105	325764	9.586	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.853	75	236535	69.250	ug/l #	15
82) 4-Chlorotoluene	13.264	91	14960	0.544	ug/l	82
83) tert-Butylbenzene	13.488	119	166518	5.637	ug/l #	61
84) 1,2,4-Trimethylbenzene	13.488	105	1365151	41.432	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061323\
 Data File : VN078182.D
 Acq On : 13 Jun 2023 13:36
 Operator : JC\MD
 Sample : 03172-01
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 14 02:18:33 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)

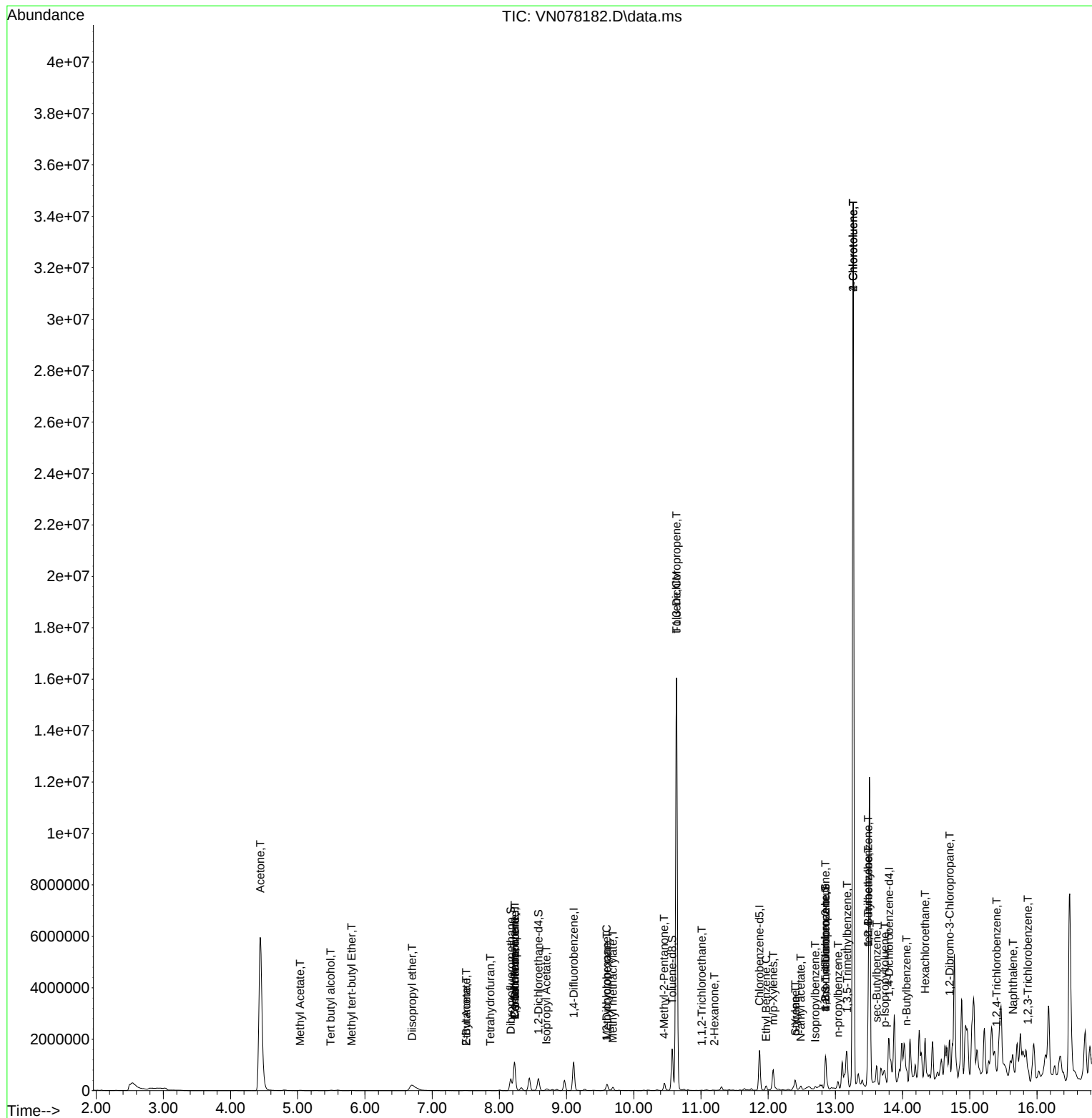
85) sec-Butylbenzene	13.617	105	133282	3.447	ug/l	80
86) p-Isopropyltoluene	13.735	119	233845	7.453	ug/l	97
89) n-Butylbenzene	14.058	91	280034	11.315	ug/l #	79
90) Hexachloroethane	14.335	117	83440	14.985	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.700	75	6287	3.024	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.400	180	3040	0.530	ug/l #	1
94) Hexachlorobutadiene	15.505	225	612	Below Cal		88
95) Naphthalene	15.647	128	471543	24.424	ug/l	96
96) 1,2,3-Trichlorobenzene	15.864	180	4644	0.723	ug/l #	1

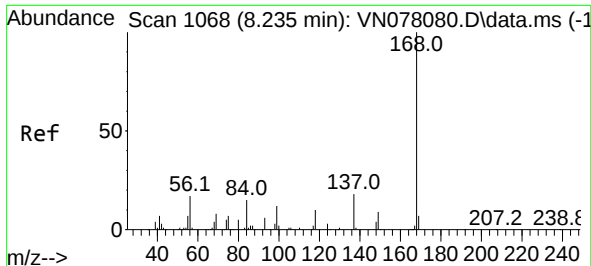
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061323\
Data File : VN078182.D
Acq On : 13 Jun 2023 13:36
Operator : JC\MD
Sample : 03172-01
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 14 02:18:33 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

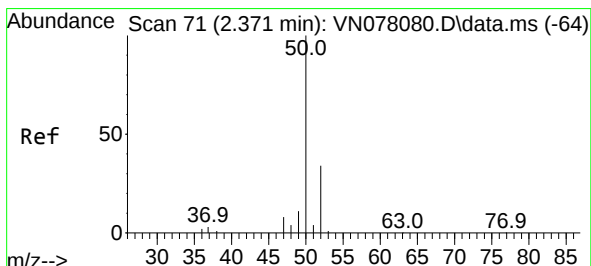
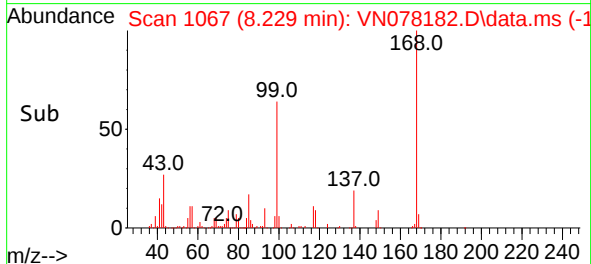
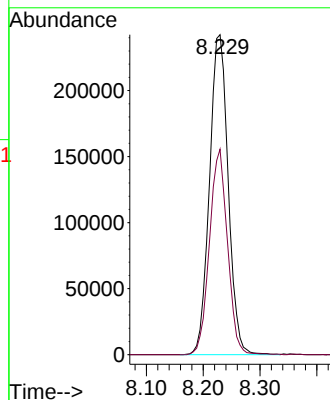
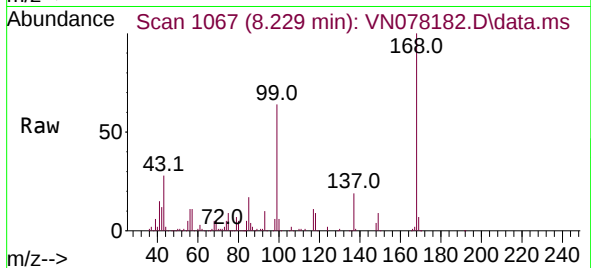




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

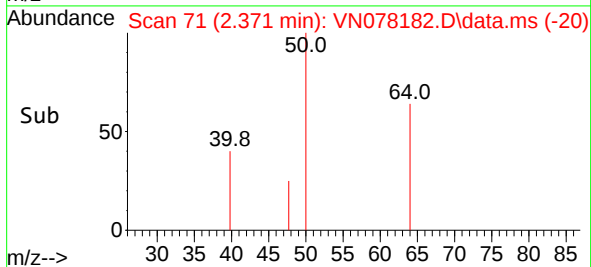
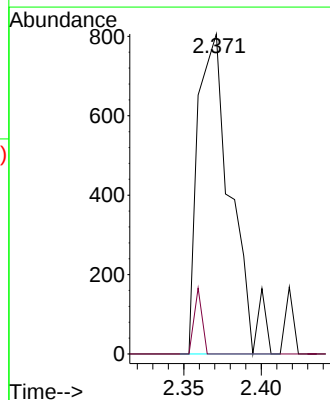
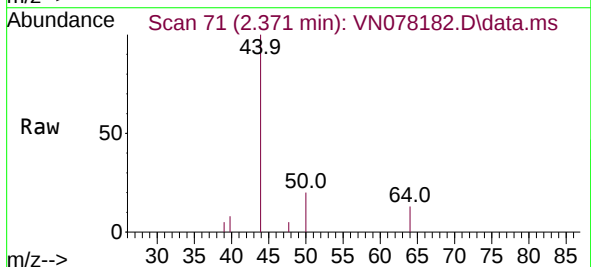
Instrument :
MSVOA_N
ClientSampleId :

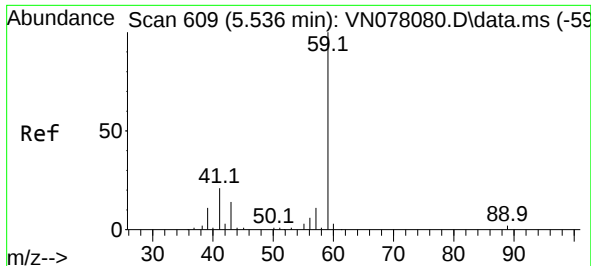
Tgt Ion:168 Resp: 552611
Ion Ratio Lower Upper
168 100
99 64.2 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

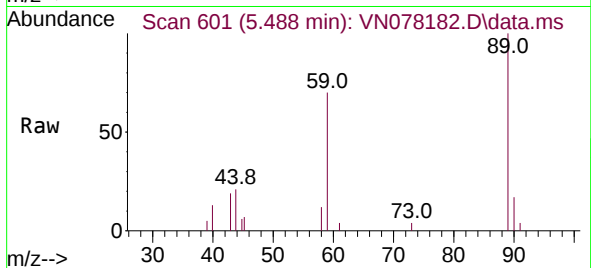
Tgt Ion: 50 Resp: 1197
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#



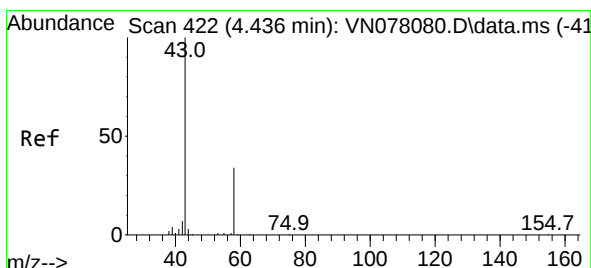
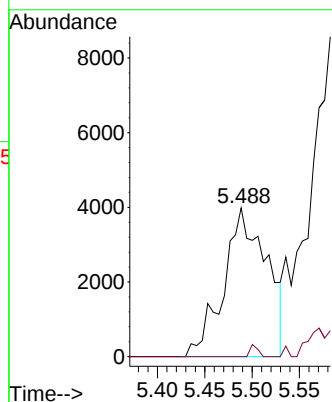
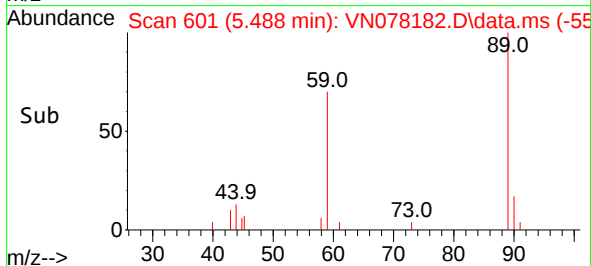


#11
Tert butyl alcohol
Concen: 12.350 ug/l
RT: 5.488 min Scan# 609
Delta R.T. -0.047 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :

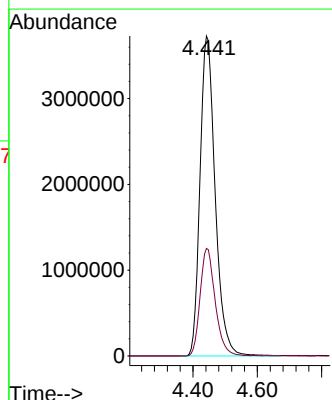
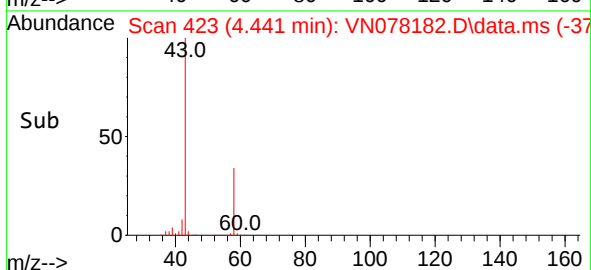
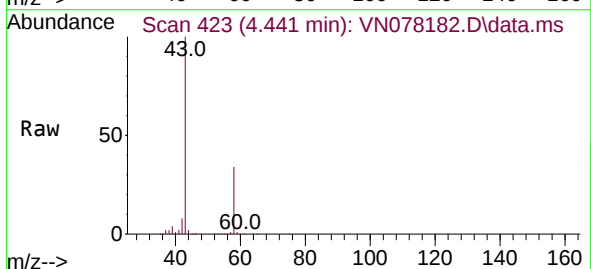


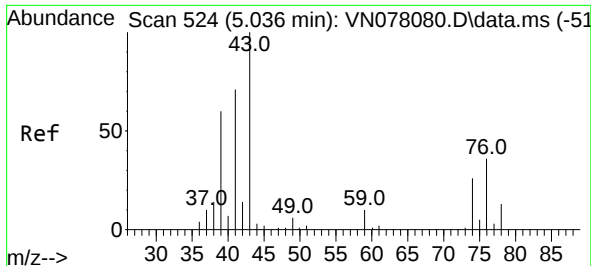
Tgt Ion: 59 Resp: 12564
Ion Ratio Lower Upper
59 100
57 1.5 8.2 12.4#



#16
Acetone
Concen: 5751.604 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

Tgt Ion: 43 Resp:12197889
Ion Ratio Lower Upper
43 100
58 33.6 28.0 42.0

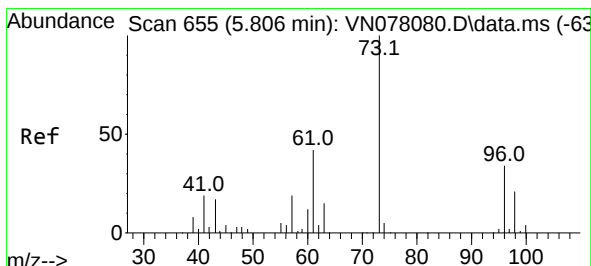
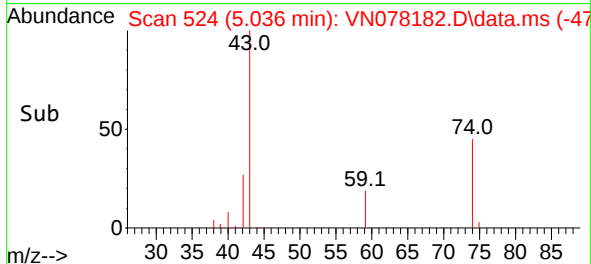
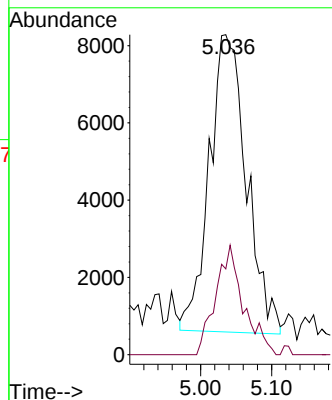
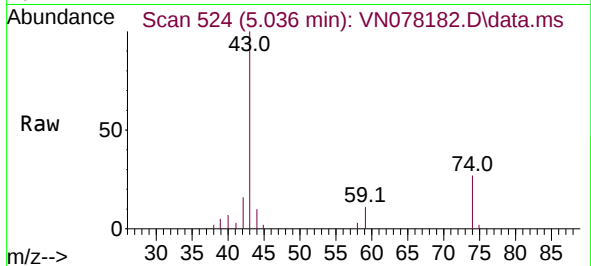




#18
Methyl Acetate
Concen: 2.862 ug/l
RT: 5.036 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

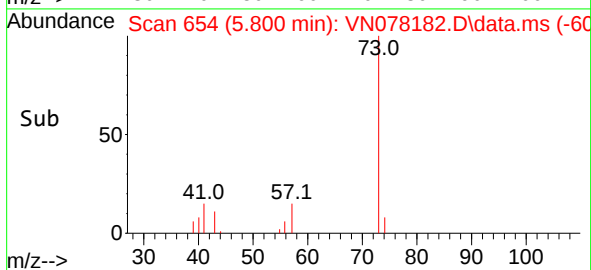
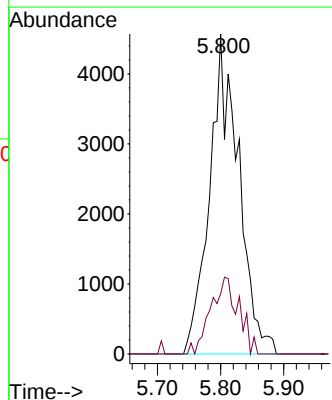
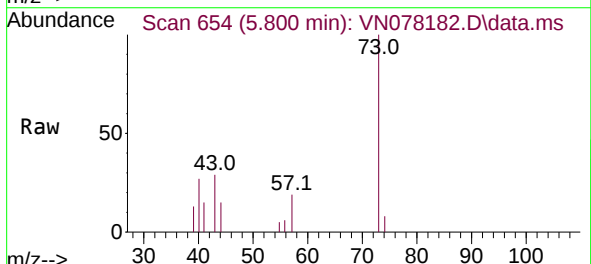
Instrument :
MSVOA_N
ClientSampleId :

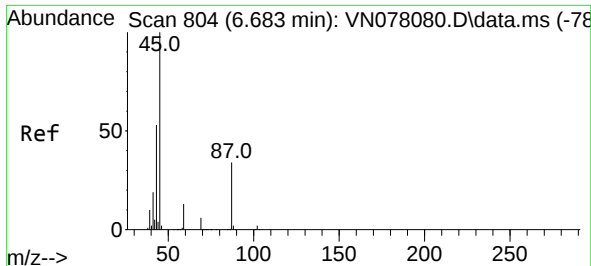
Tgt Ion: 43 Resp: 27941
Ion Ratio Lower Upper
43 100
74 27.5 26.2 39.4



#19
Methyl tert-butyl Ether
Concen: 0.756 ug/l
RT: 5.800 min Scan# 654
Delta R.T. -0.006 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

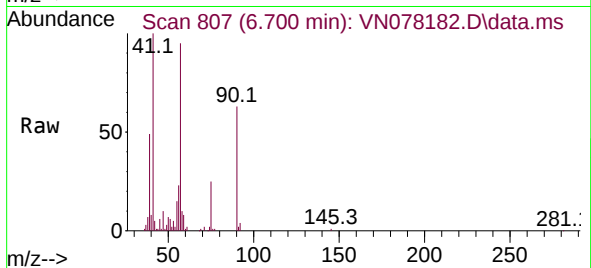
Tgt Ion: 73 Resp: 14556
Ion Ratio Lower Upper
73 100
57 18.8 15.6 23.4



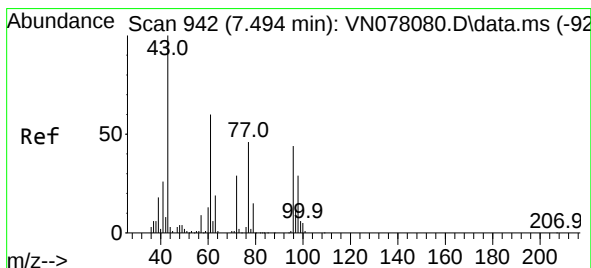
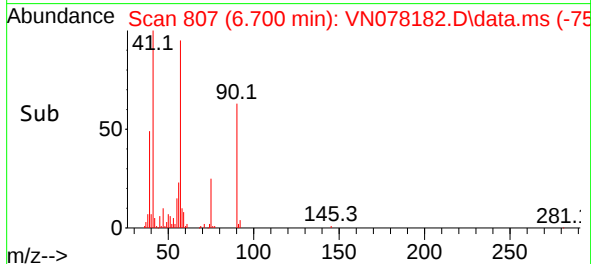
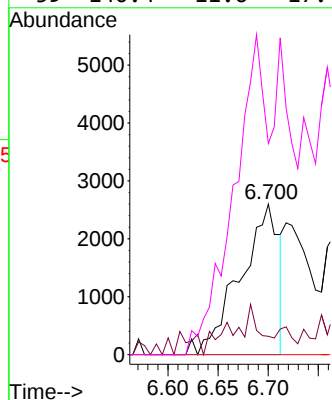


#22
Diisopropyl ether
Concen: 0.400 ug/l
RT: 6.700 min Scan# 807
Delta R.T. 0.018 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :

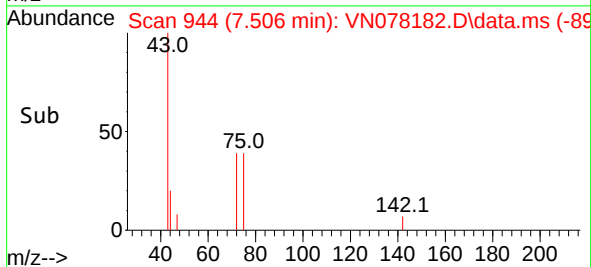
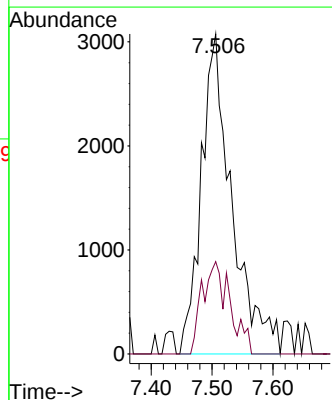
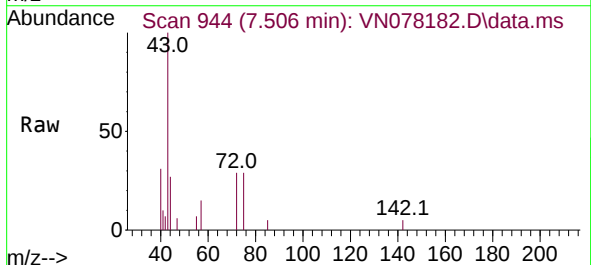


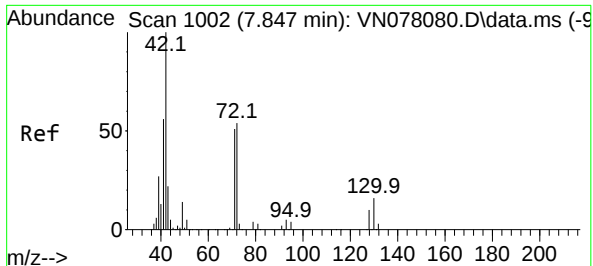
Tgt Ion: 45 Resp: 6932
Ion Ratio Lower Upper
45 100
43 0.0 45.5 68.3#
87 0.0 31.8 47.8#
59 140.4 11.6 17.4#



#25
2-Butanone
Concen: 3.297 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

Tgt Ion: 43 Resp: 10753
Ion Ratio Lower Upper
43 100
72 28.8 30.2 45.2#





#29

Tetrahydrofuran

Concen: 0.929 ug/l

RT: 7.865 min Scan# 1005

Delta R.T. 0.018 min

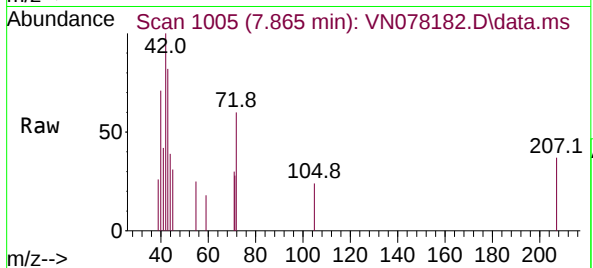
Lab File: VN078182.D

Acq: 13 Jun 2023 13:36

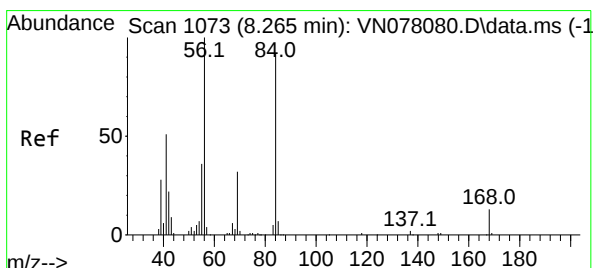
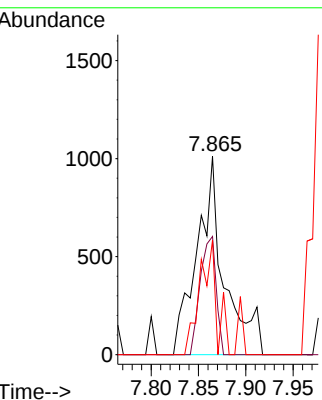
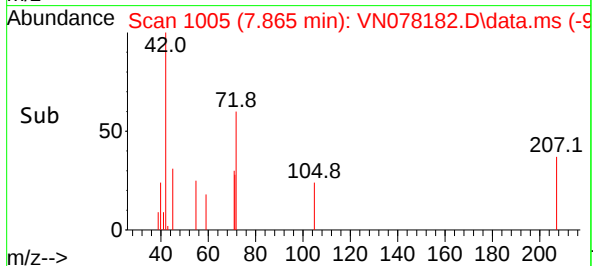
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	2026
Ion Ratio	Lower	Upper	
42	100		
72	34.8	49.8	74.6#
71	35.9	47.4	71.2#



#31

Cyclohexane

Concen: 8.314 ug/l

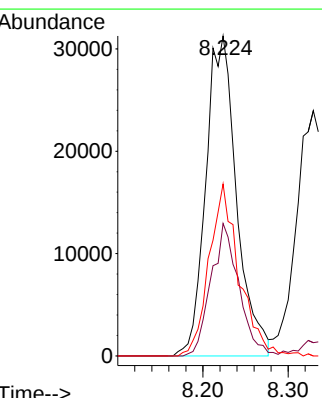
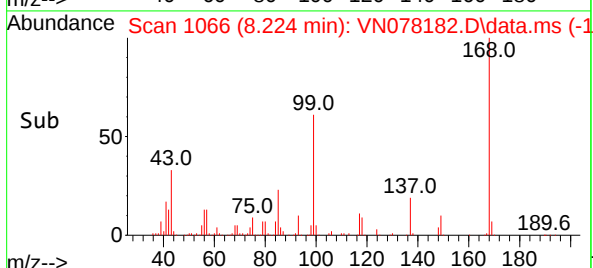
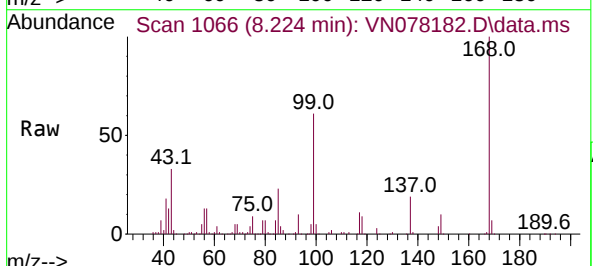
RT: 8.224 min Scan# 1066

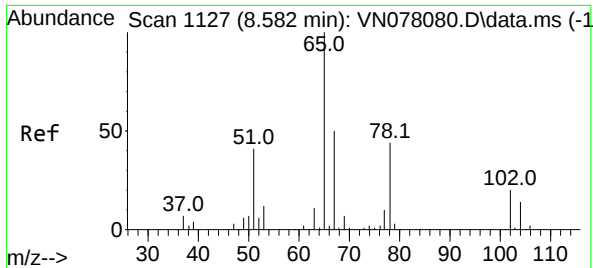
Delta R.T. -0.041 min

Lab File: VN078182.D

Acq: 13 Jun 2023 13:36

Tgt Ion:	56	Resp:	78580
Ion Ratio	Lower	Upper	
56	100		
69	41.4	26.8	40.2#
84	53.8	81.8	122.6#





#33

1,2-Dichloroethane-d4

Concen: 50.100 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078182.D

Acq: 13 Jun 2023 13:36

Instrument :

MSVOA_N

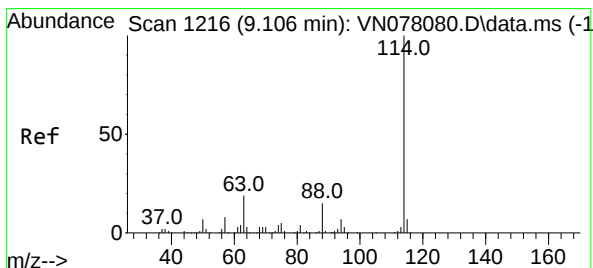
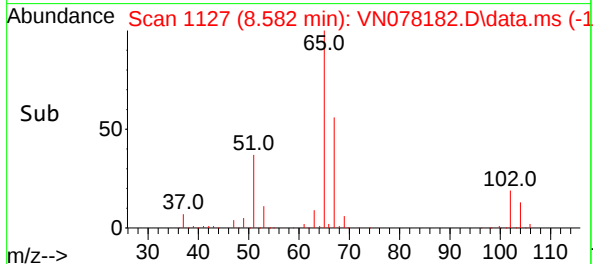
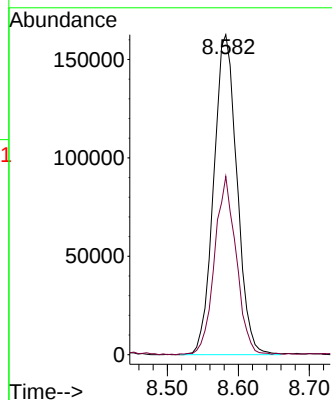
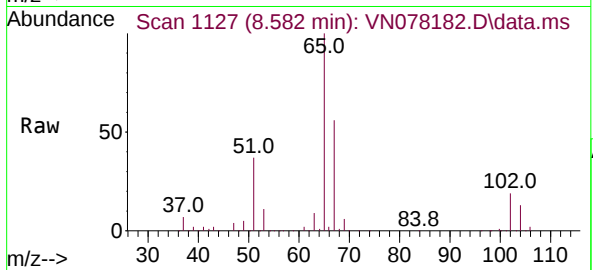
ClientSampleId :

Tgt Ion: 65 Resp: 369140

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078182.D

Acq: 13 Jun 2023 13:36

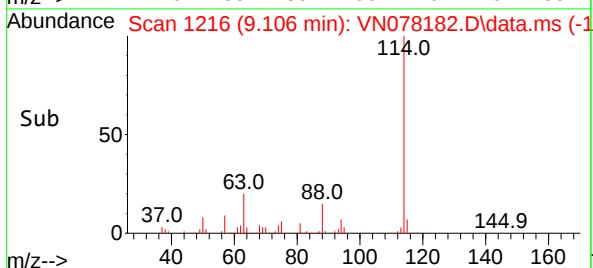
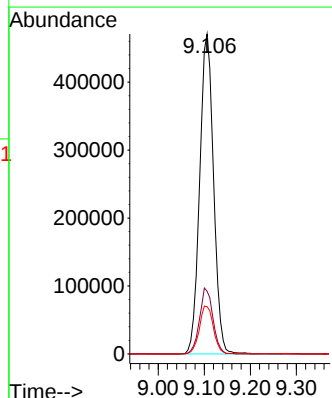
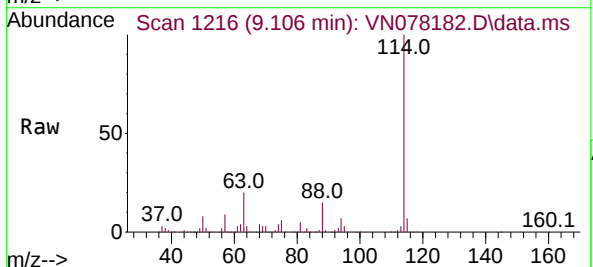
Tgt Ion: 114 Resp: 989354

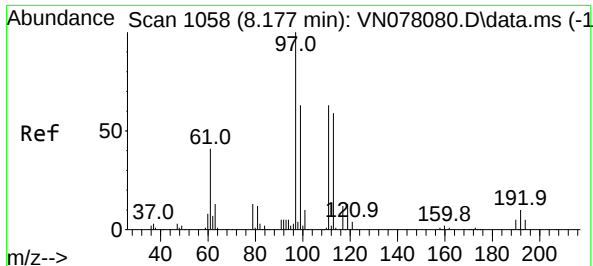
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.438 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078182.D

Acq: 13 Jun 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

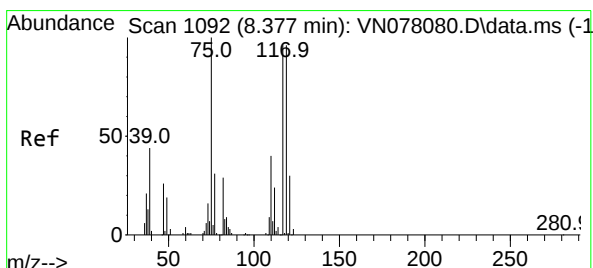
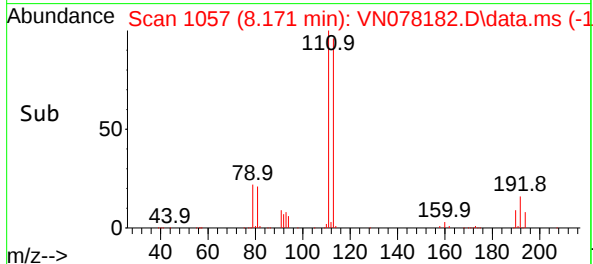
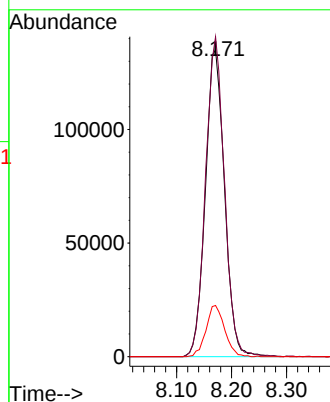
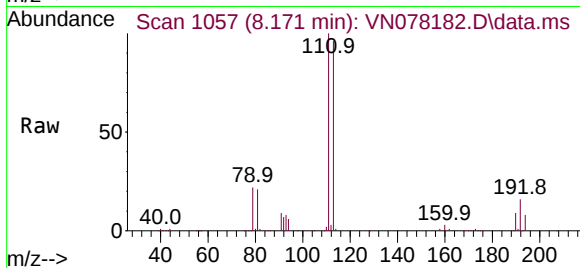
Tgt Ion:113 Resp: 328029

Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 16.2 12.7 19.1



#36

1,1-Dichloropropene

Concen: 5.358 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN078182.D

Acq: 13 Jun 2023 13:36

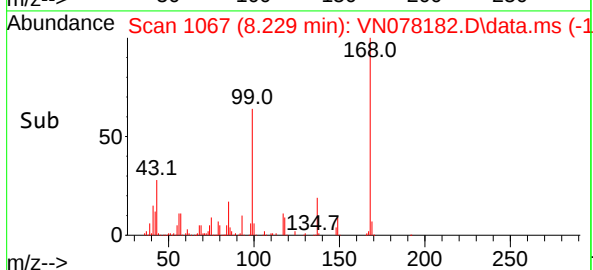
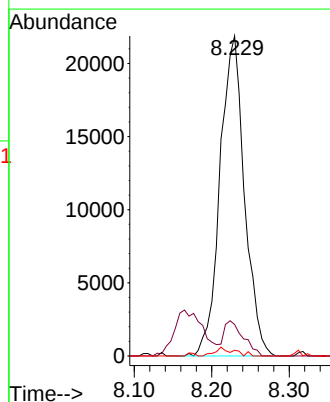
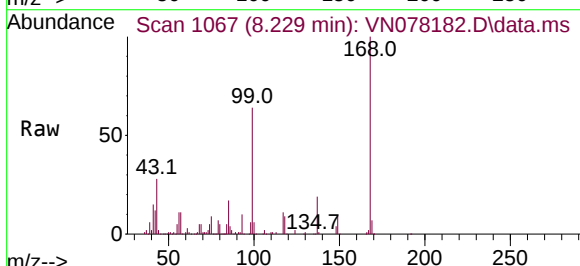
Tgt Ion: 75 Resp: 48079

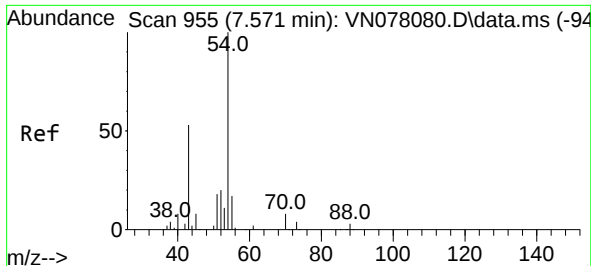
Ion Ratio Lower Upper

75 100

110 9.0 19.1 57.3#

77 2.1 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.534 ug/l

RT: 7.506 min Scan# 944

Delta R.T. -0.065 min

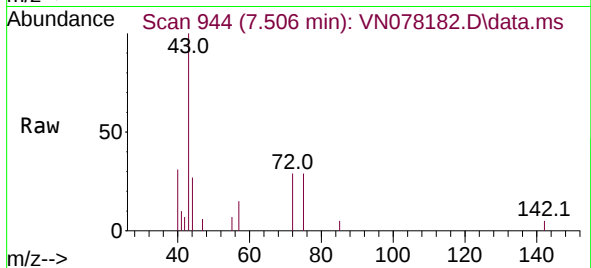
Lab File: VN078182.D

Acq: 13 Jun 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :



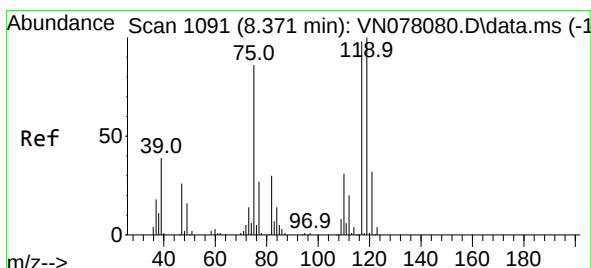
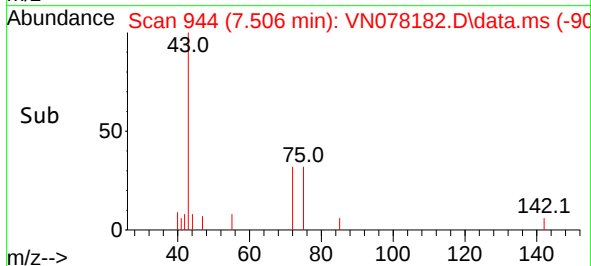
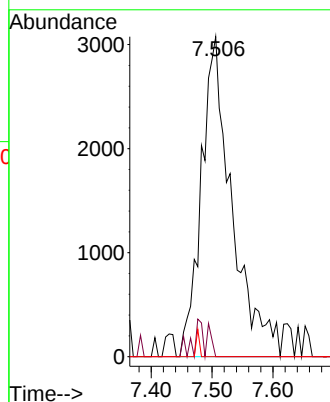
Tgt Ion: 43 Resp: 10753

Ion Ratio Lower Upper

43 100

61 0.0 13.2 19.8#

70 0.0 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 6.467 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN078182.D

Acq: 13 Jun 2023 13:36

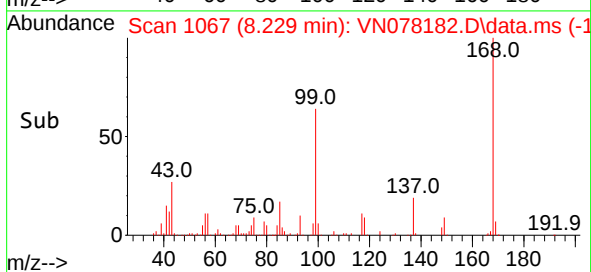
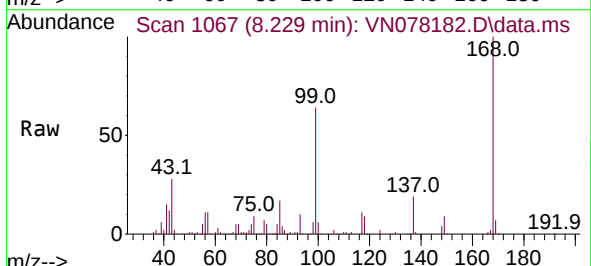
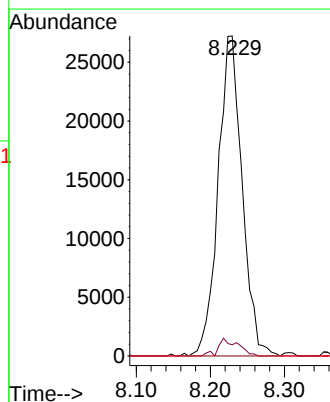
Tgt Ion: 117 Resp: 61276

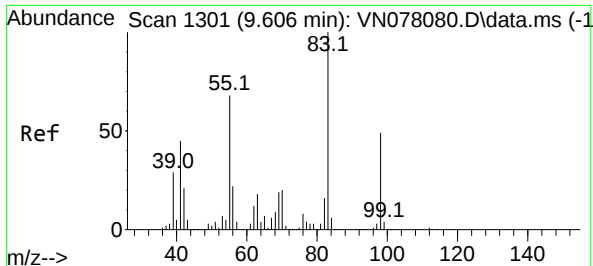
Ion Ratio Lower Upper

117 100

119 3.5 77.3 115.9#

121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 11.325 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078182.D

Acq: 13 Jun 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

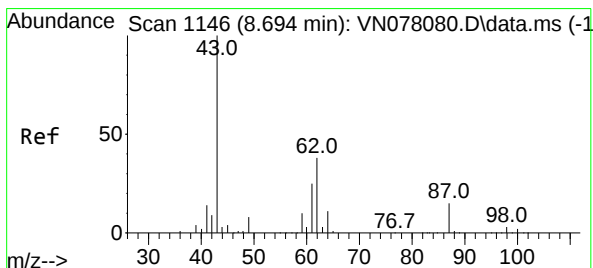
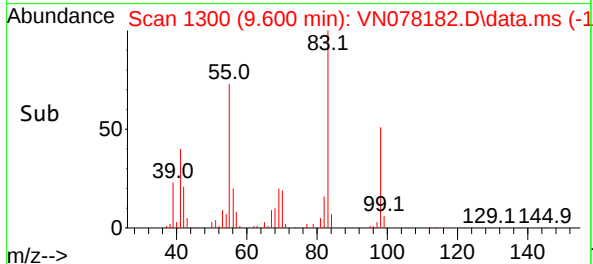
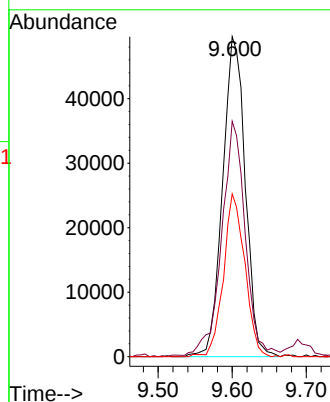
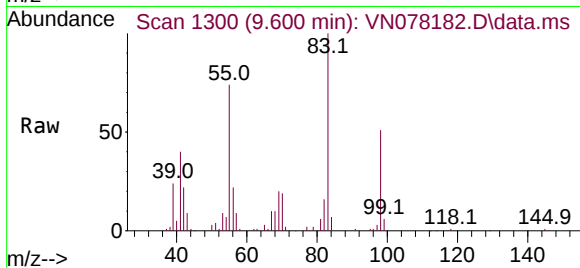
Tgt Ion: 83 Resp: 105314

Ion Ratio Lower Upper

83 100

55 73.1 49.1 73.7

98 50.8 40.6 61.0



#43

Isopropyl Acetate

Concen: 2.410 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN078182.D

Acq: 13 Jun 2023 13:36

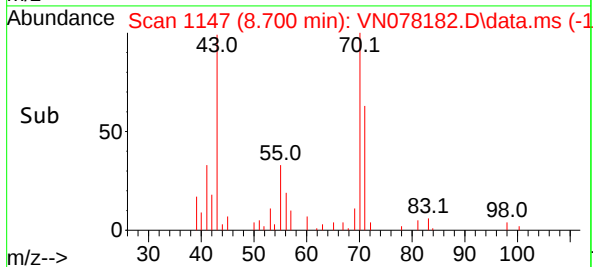
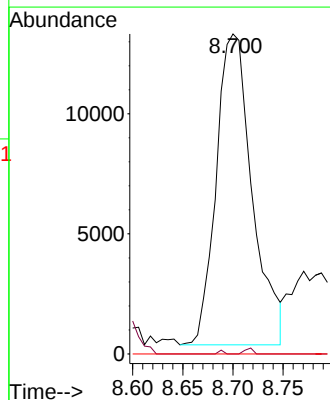
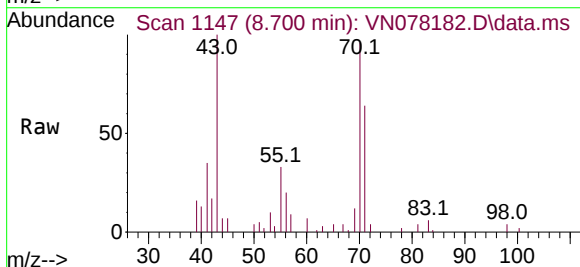
Tgt Ion: 43 Resp: 32314

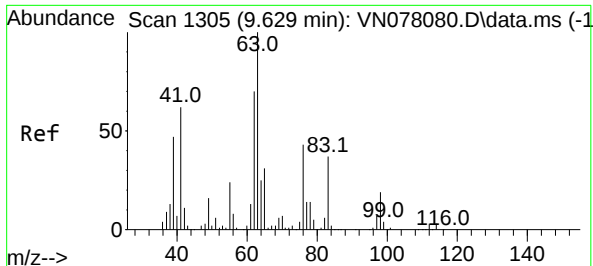
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#





#45

1,2-Dichloropropane

Concen: 0.205 ug/l

RT: 9.594 min Scan# 1305

Delta R.T. -0.035 min

Lab File: VN078182.D

Acq: 13 Jun 2023 13:36

Instrument :

MSVOA_N

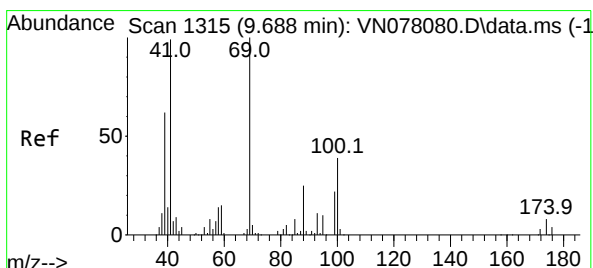
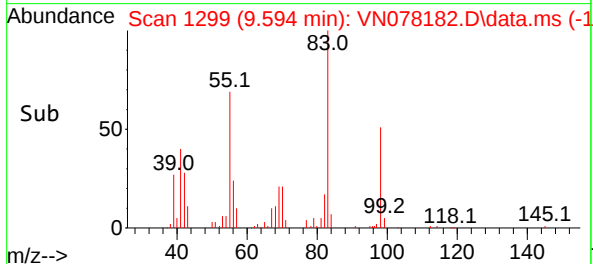
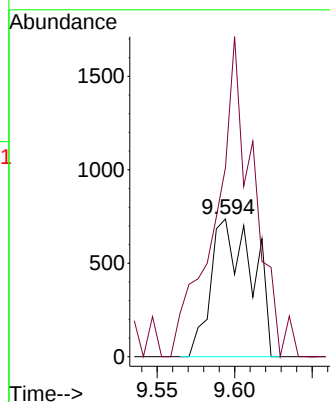
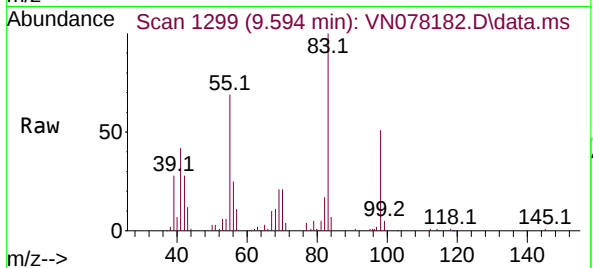
ClientSampleId :

Tgt Ion: 63 Resp: 1366

Ion Ratio Lower Upper

63 100

65 137.4 23.9 35.9#



#48

Methyl methacrylate

Concen: 11.851 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN078182.D

Acq: 13 Jun 2023 13:36

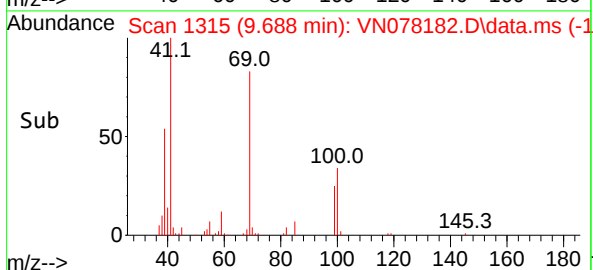
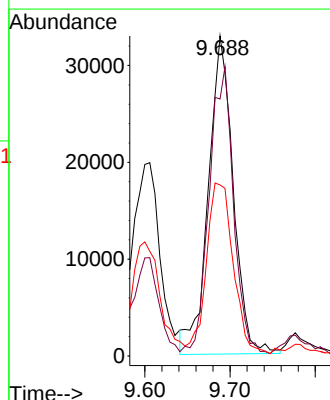
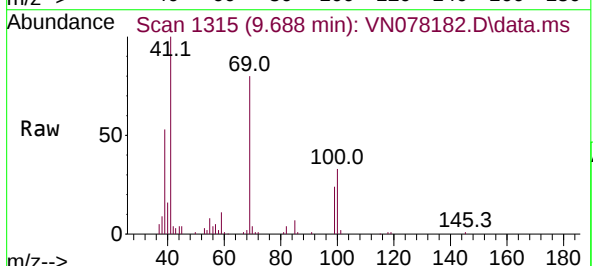
Tgt Ion: 41 Resp: 66673

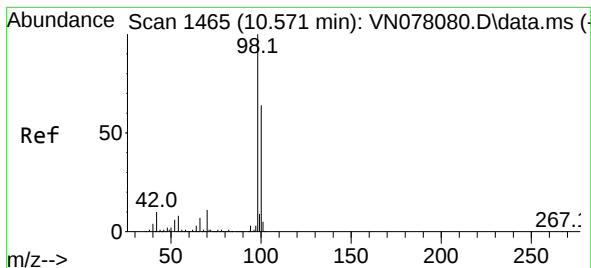
Ion Ratio Lower Upper

41 100

69 88.2 90.4 135.6#

39 58.4 54.6 81.8

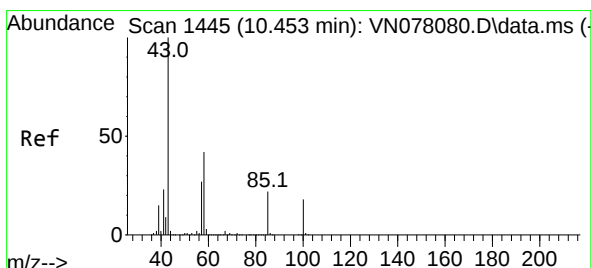
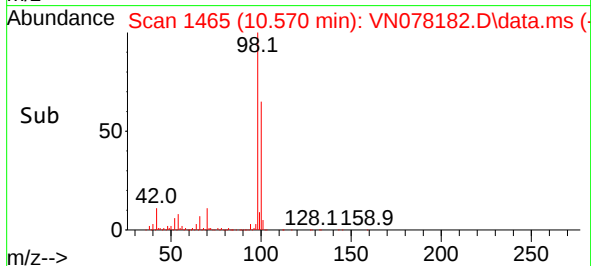
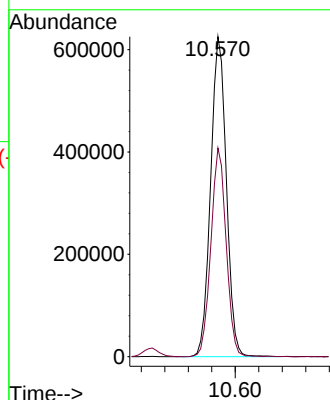
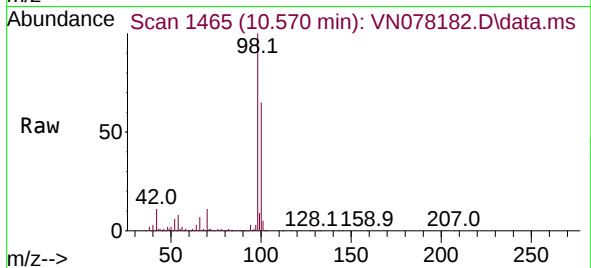




#50
Toluene-d8
Concen: 48.014 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

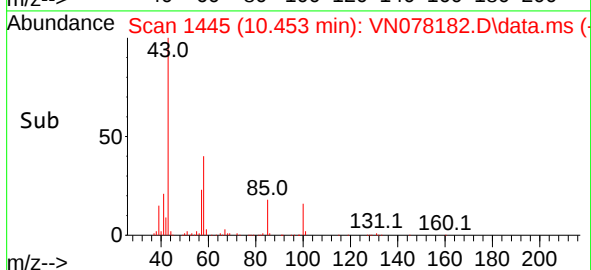
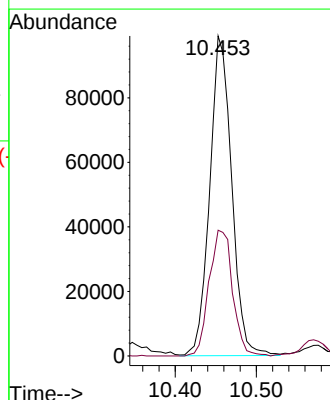
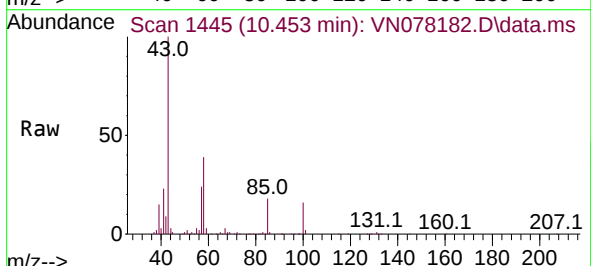
Instrument :
MSVOA_N
ClientSampleId :

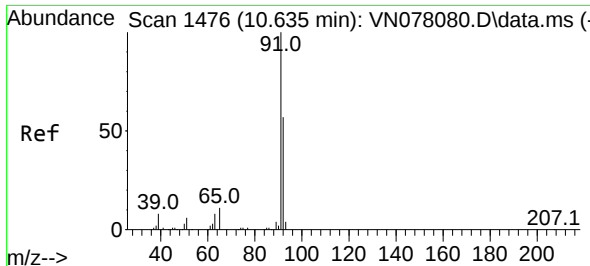
Tgt Ion: 98 Resp: 1157898
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 26.385 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

Tgt Ion: 43 Resp: 186259
Ion Ratio Lower Upper
43 100
58 41.9 36.6 54.8

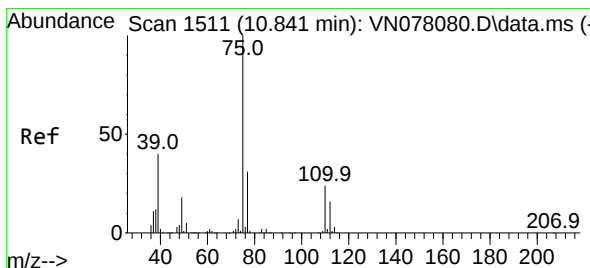
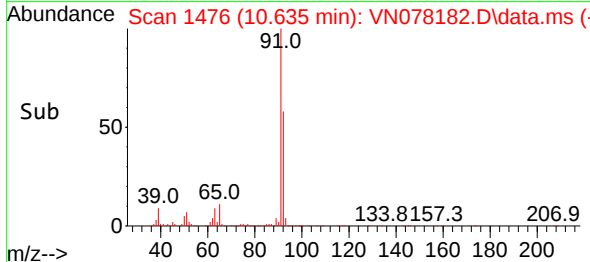
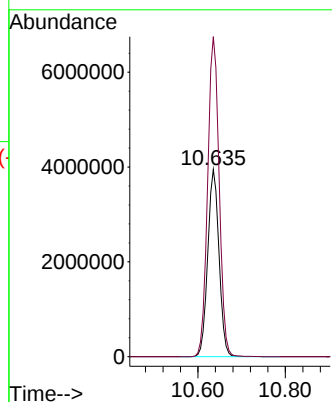
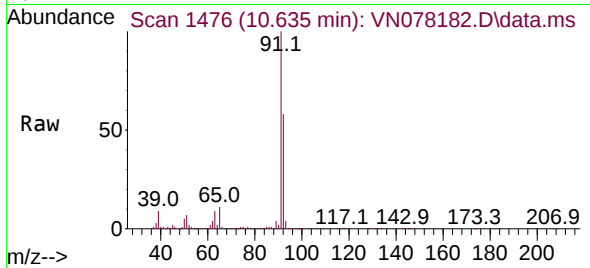




#52
Toluene
Concen: 418.917 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

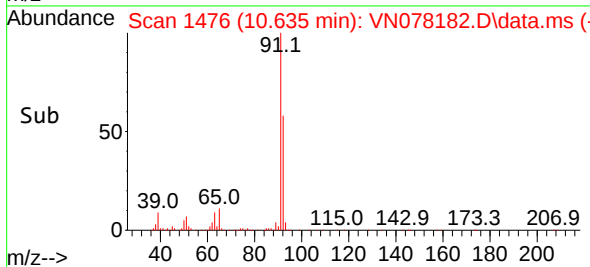
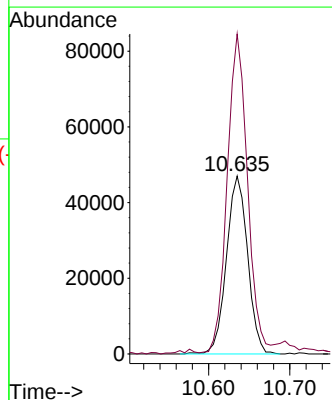
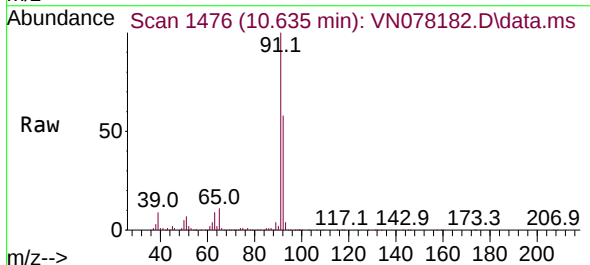
Instrument :
MSVOA_N
ClientSampleId :

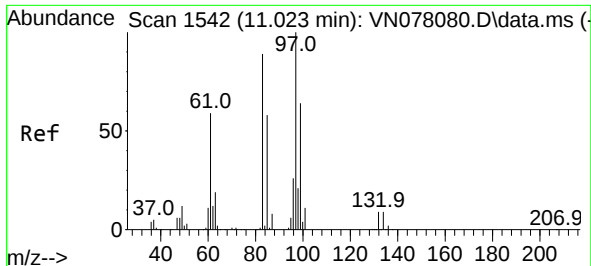
Tgt Ion: 92 Resp: 7085172
Ion Ratio Lower Upper
92 100
91 174.3 137.4 206.0



#53
t-1,3-Dichloropropene
Concen: 8.965 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.206 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

Tgt Ion: 75 Resp: 85139
Ion Ratio Lower Upper
75 100
77 178.0 25.4 38.0#

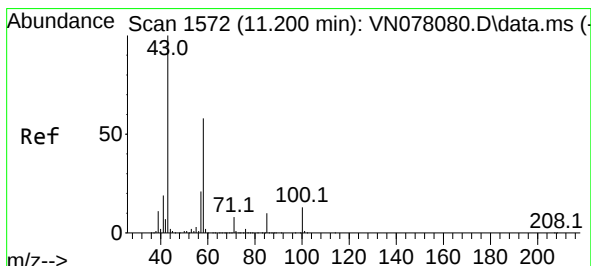
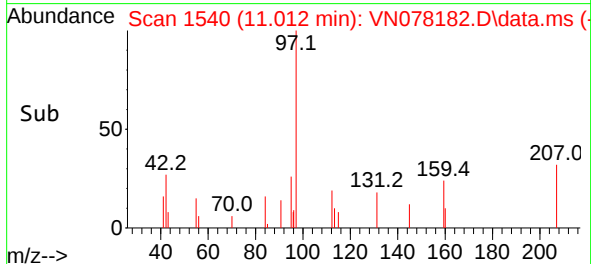
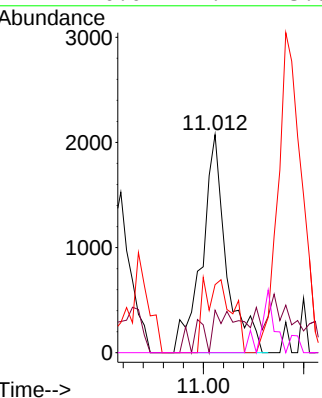
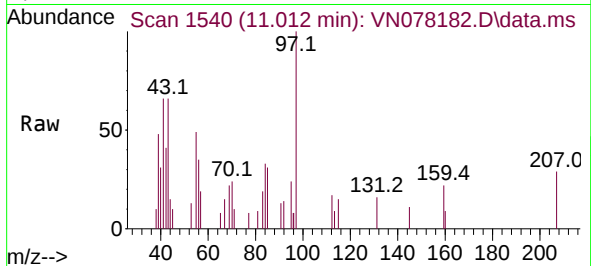




#55
1,1,2-Trichloroethane
Concen: 0.550 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.012 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

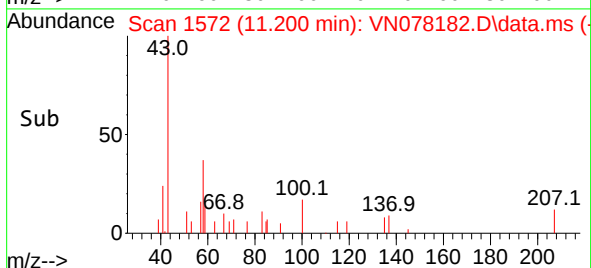
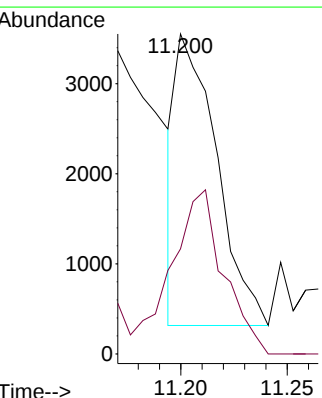
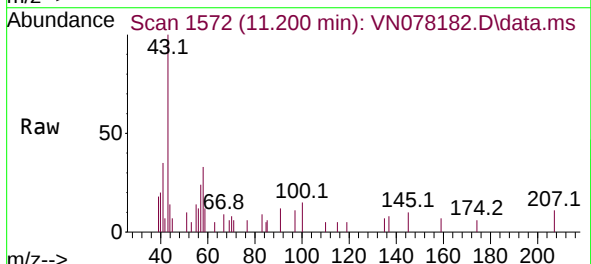
Instrument :
MSVOA_N
ClientSampleId :

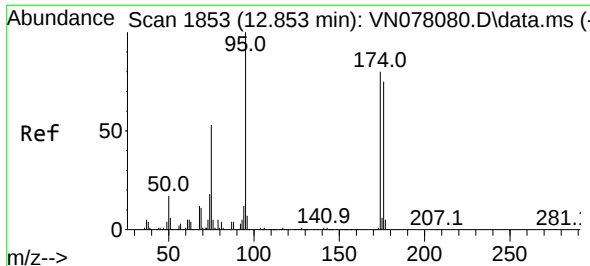
Tgt Ion: 97	Resp: 3520
Ion Ratio	Lower Upper
97 100	
83 19.5	65.1 97.7#
85 31.2	43.4 65.2#
99 0.0	49.2 73.8#



#59
2-Hexanone
Concen: 0.876 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

Tgt Ion: 43	Resp:	4307	
Ion	Ratio	Lower	Upper
43	100		
58	78.1	31.7	95.1

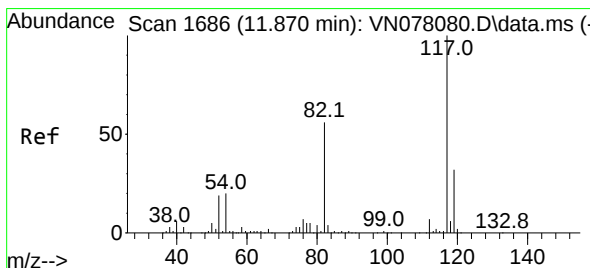
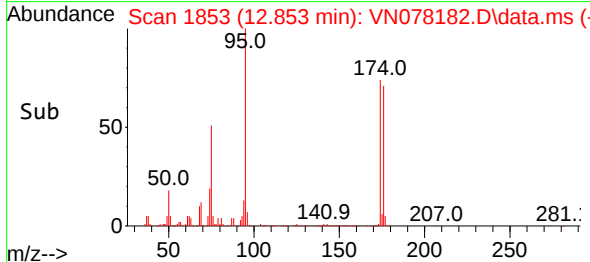
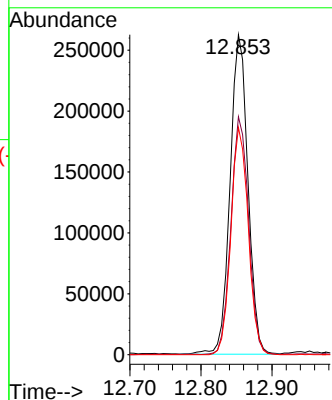
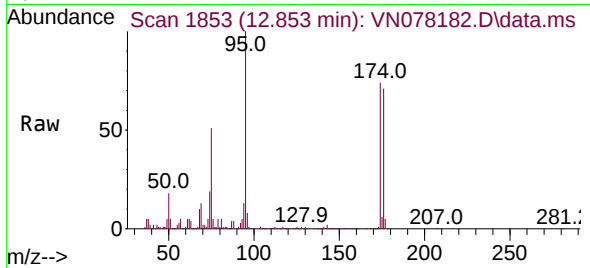




#62
4-Bromofluorobenzene
Concen: 61.119 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

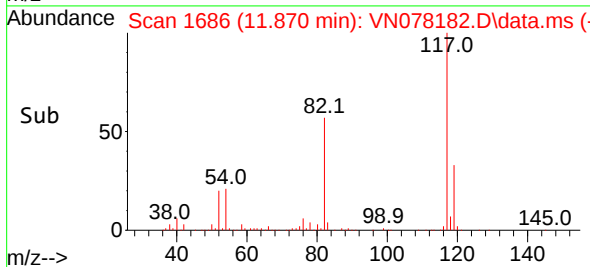
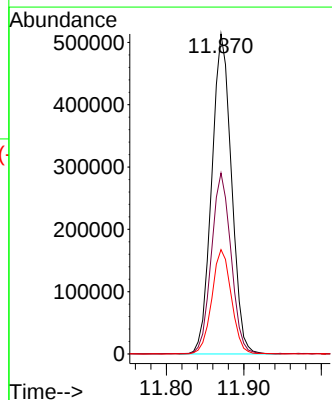
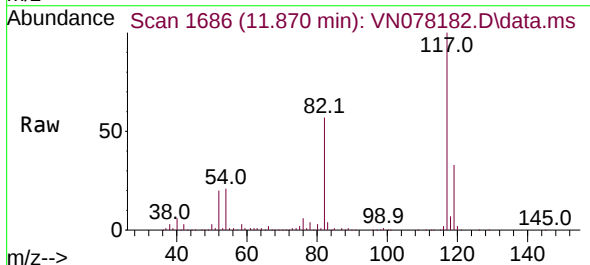
Instrument :
MSVOA_N
ClientSampleId :

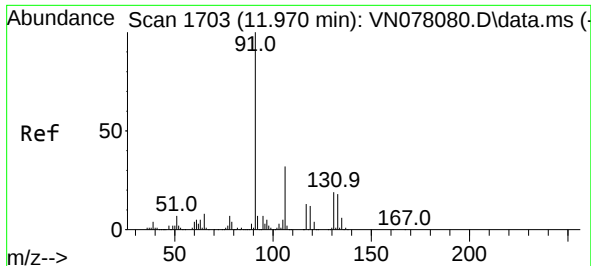
Tgt Ion: 95 Resp: 458213
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 69.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

Tgt Ion: 117 Resp: 909624
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 32.6 25.6 38.4

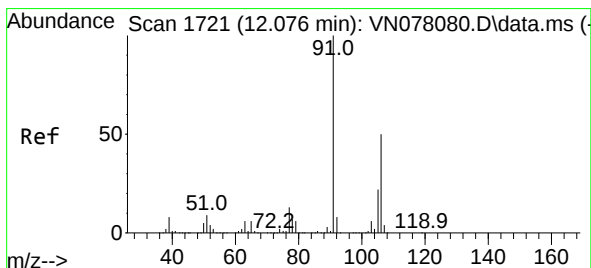
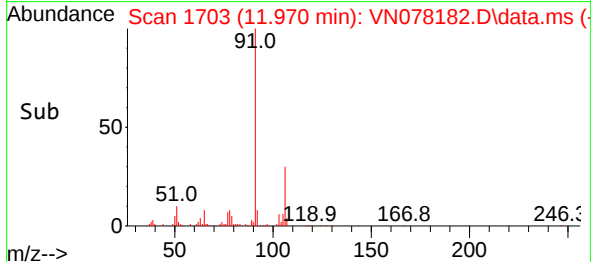
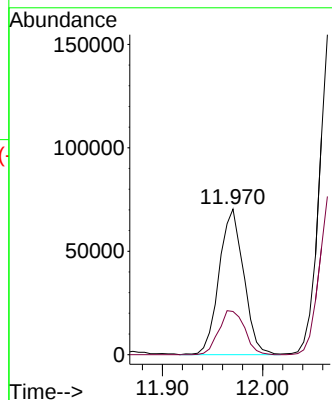
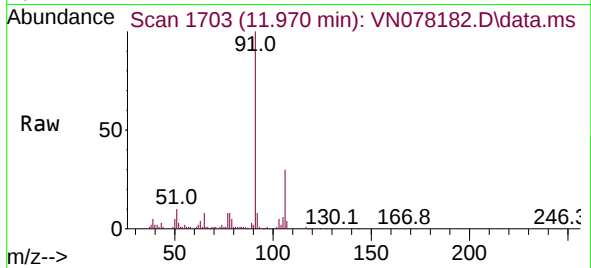




#67
Ethyl Benzene
Concen: 3.568 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

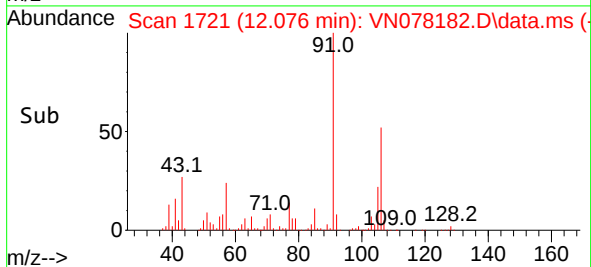
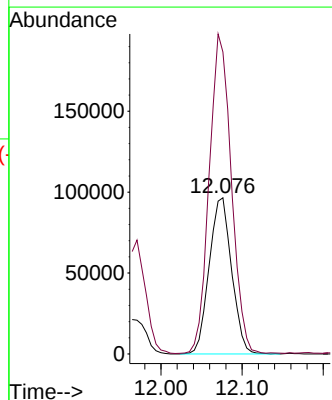
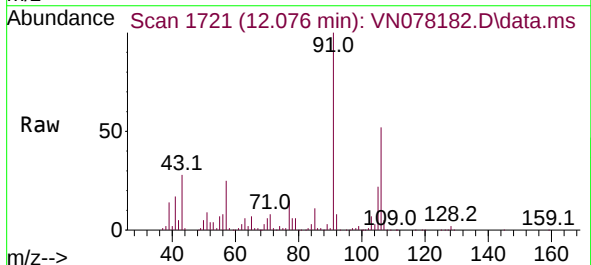
Instrument :
MSVOA_N
ClientSampleId :

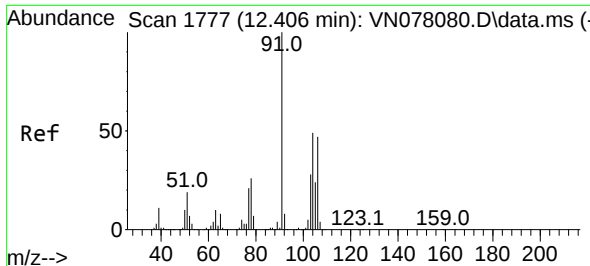
Tgt Ion: 91 Resp: 119942
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4



#68
m/p-Xylenes
Concen: 14.453 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

Tgt Ion: 106 Resp: 185139
Ion Ratio Lower Upper
106 100
91 202.0 159.6 239.4

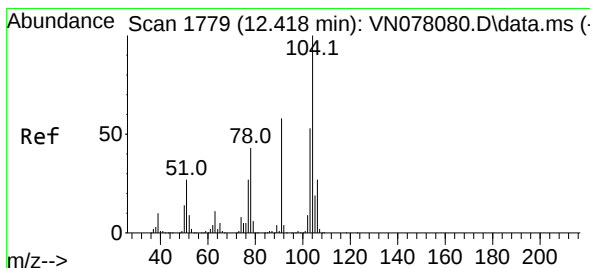
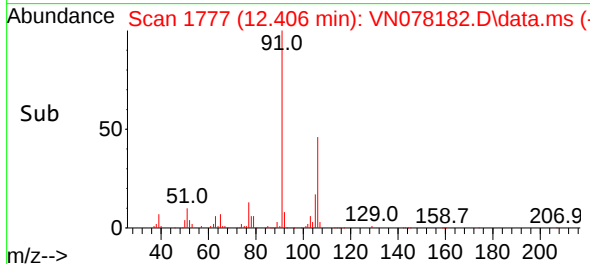
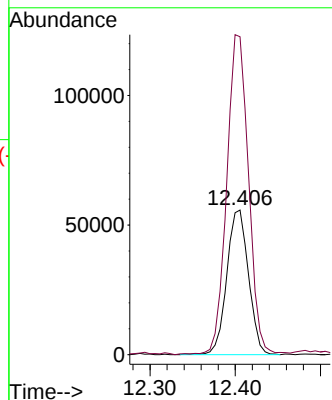
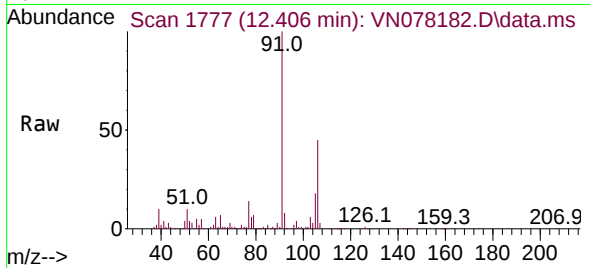




#69
o-Xylene
Concen: 7.869 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

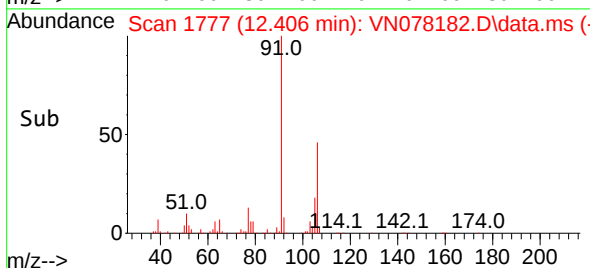
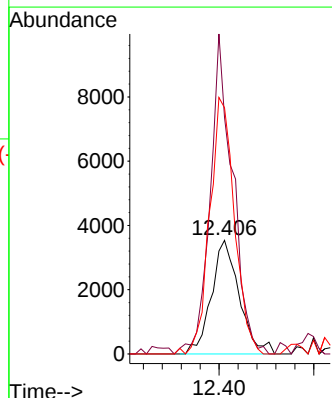
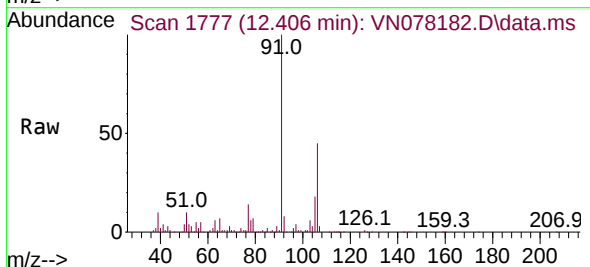
Instrument :
MSVOA_N
ClientSampleId :

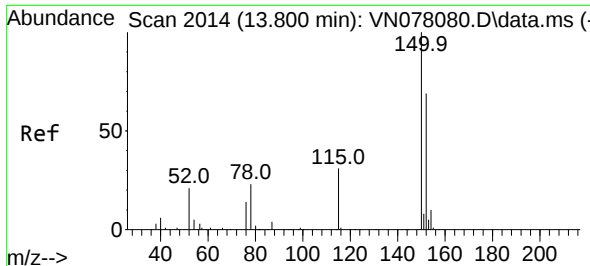
Tgt Ion:106 Resp: 98993
Ion Ratio Lower Upper
106 100
91 222.6 105.2 315.5



#70
Styrene
Concen: 0.366 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.012 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

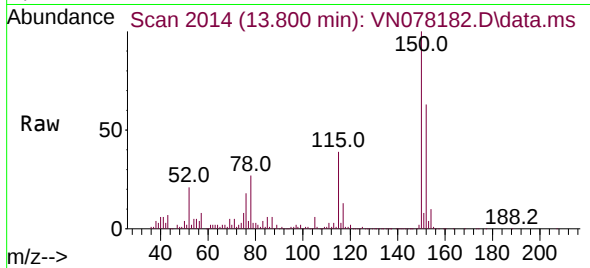
Tgt Ion:104 Resp: 7250
Ion Ratio Lower Upper
104 100
78 226.4 39.5 59.3#
103 199.9 43.2 64.8#



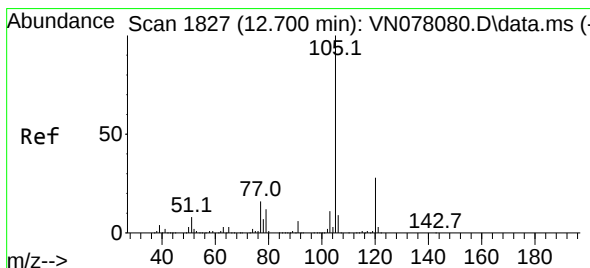
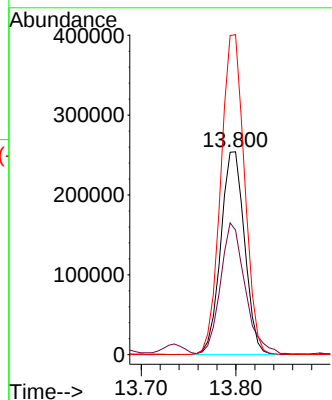
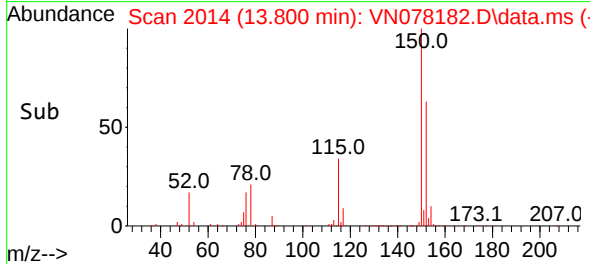


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :

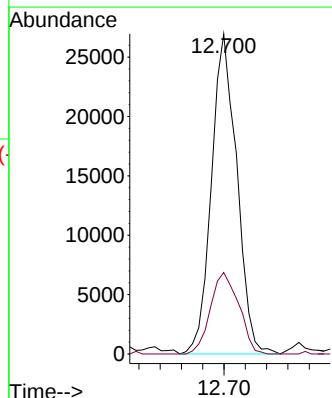
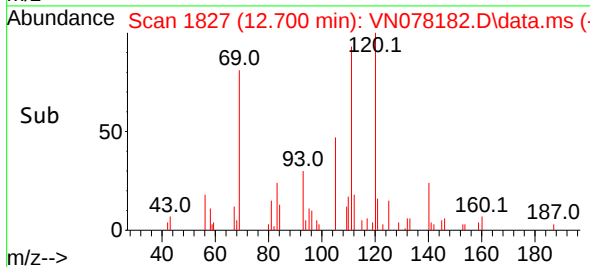
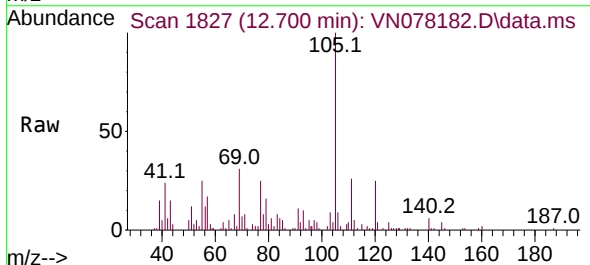


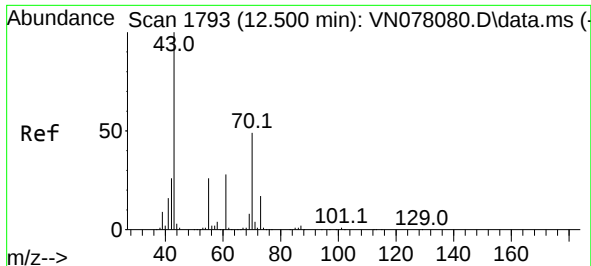
Tgt Ion:152 Resp: 443899
Ion Ratio Lower Upper
152 100
115 66.7 32.3 96.8
150 157.7 0.0 355.8



#73
Isopropylbenzene
Concen: 1.062 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

Tgt Ion:105 Resp: 44567
Ion Ratio Lower Upper
105 100
120 28.5 13.1 39.1

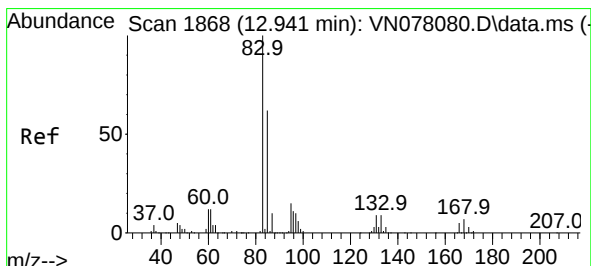
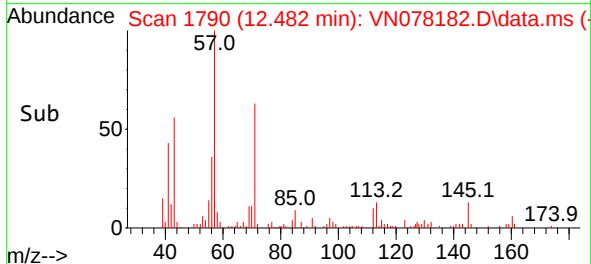
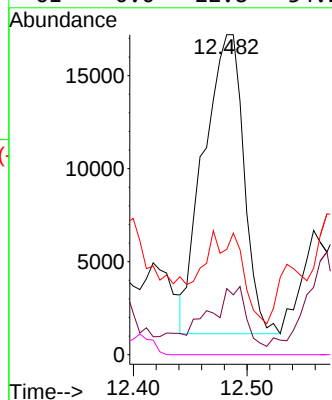
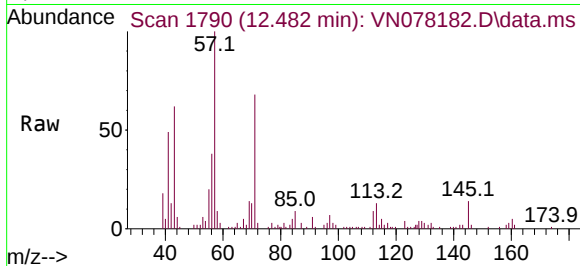




#74
N-amy1 acetate
Concen: 2.853 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.018 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

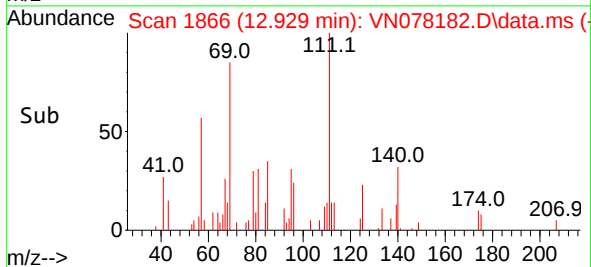
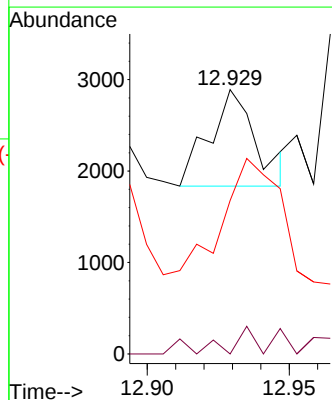
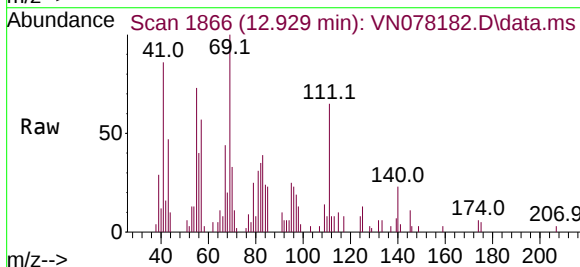
Instrument :
MSVOA_N
ClientSampleId :

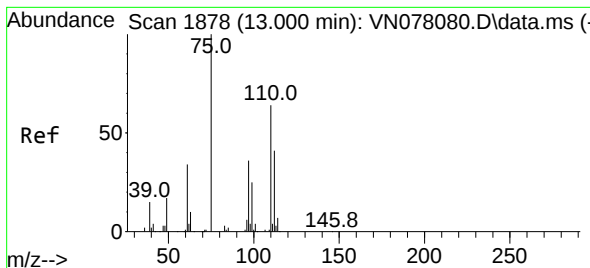
Tgt Ion: 43	Resp: 39442
Ion Ratio	Lower Upper
43	100
70	0.0 43.4 65.2#
55	5.3 21.4 32.0#
61	0.0 22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.929 min Scan# 1866
Delta R.T. -0.012 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

Tgt Ion: 83	Resp: 1203
Ion Ratio	Lower Upper
83	100
131	13.4 5.0 15.0
85	0.0 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 22.540 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078182.D

Acq: 13 Jun 2023 13:36

Instrument :

MSVOA_N

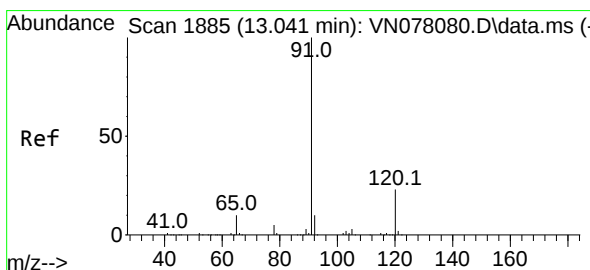
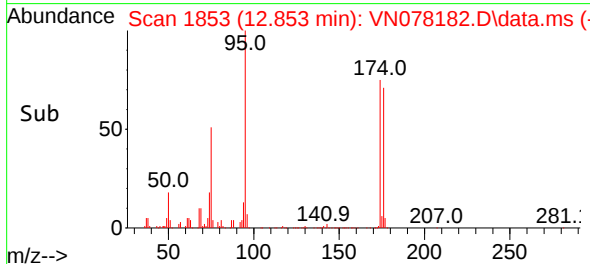
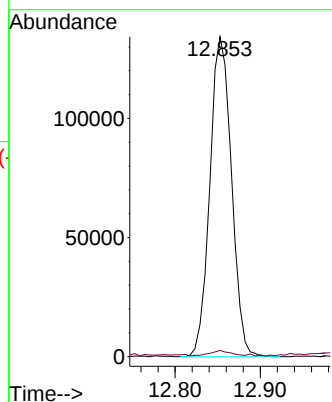
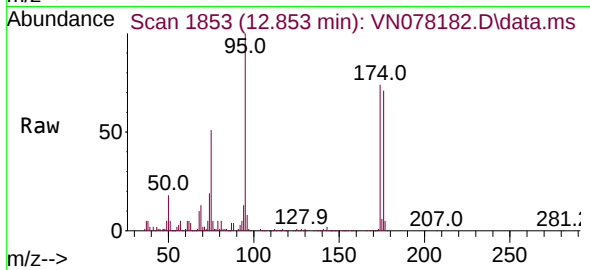
ClientSampleId :

Tgt Ion: 75 Resp: 236535

Ion Ratio Lower Upper

75 100

77 1.5 84.5 253.5#



#78

n-propylbenzene

Concen: 4.638 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN078182.D

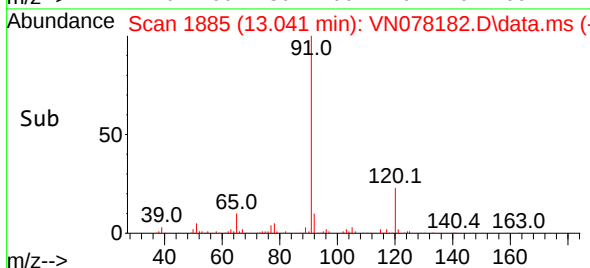
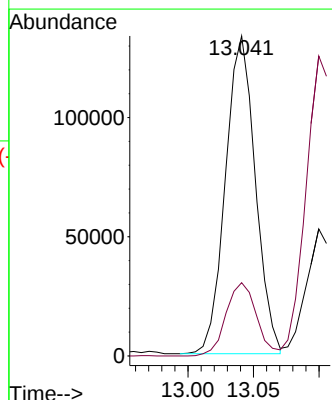
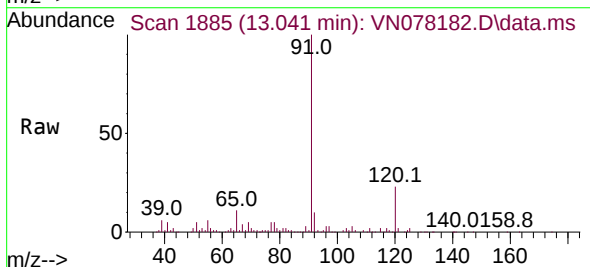
Acq: 13 Jun 2023 13:36

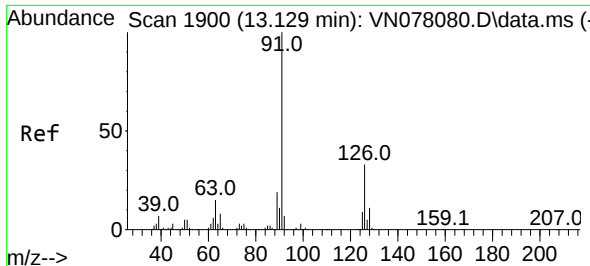
Tgt Ion: 91 Resp: 211505

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4

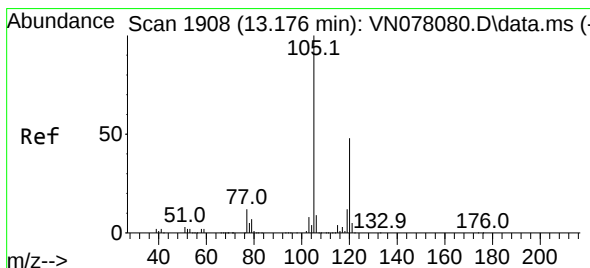
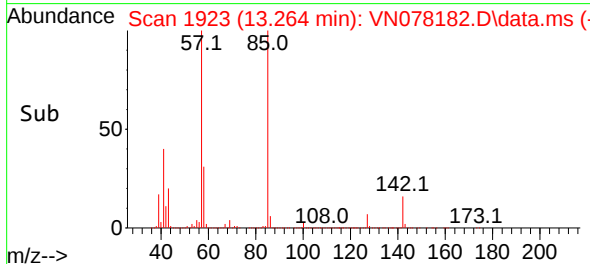
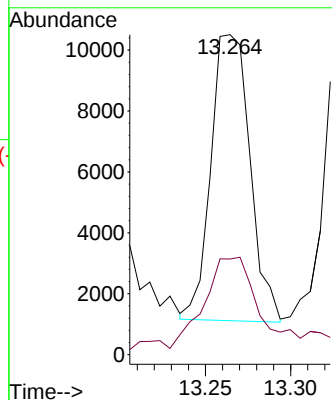
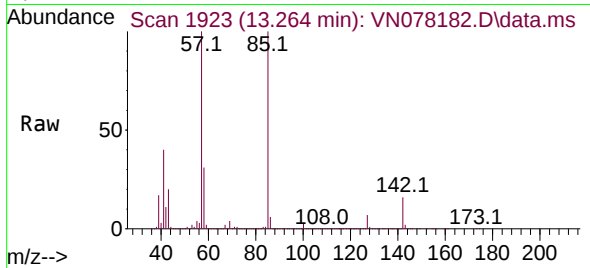




#79
2-Chlorotoluene
Concen: 0.508 ug/l
RT: 13.264 min Scan# 1923
Delta R.T. 0.135 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

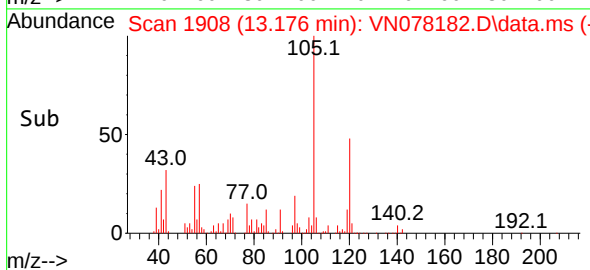
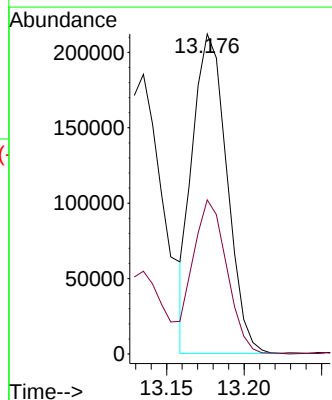
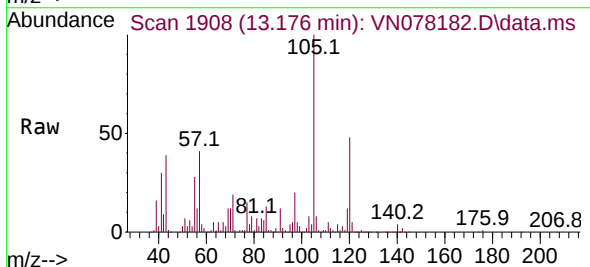
Instrument :
MSVOA_N
ClientSampleId :

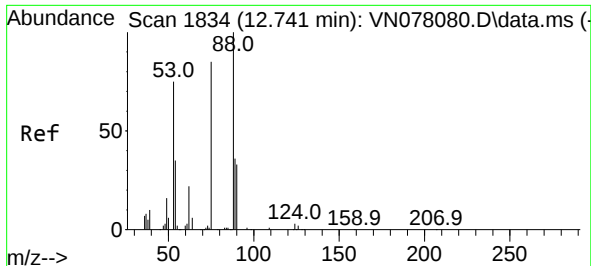
Tgt Ion: 91 Resp: 14960
Ion Ratio Lower Upper
91 100
126 43.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 9.586 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

Tgt Ion: 105 Resp: 325764
Ion Ratio Lower Upper
105 100
120 49.6 24.1 72.3

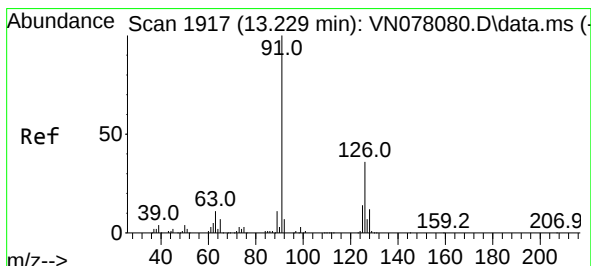
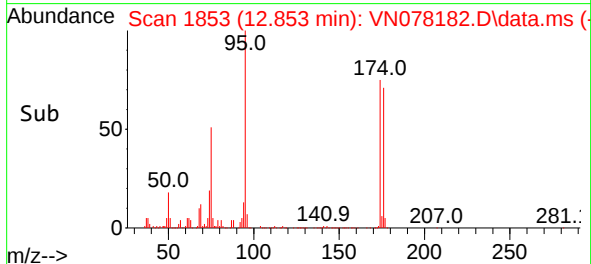
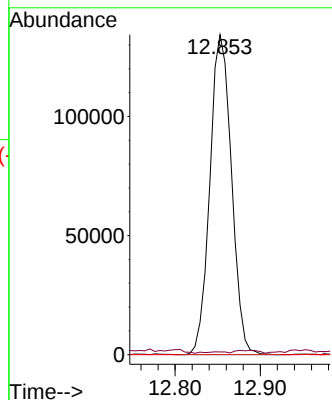
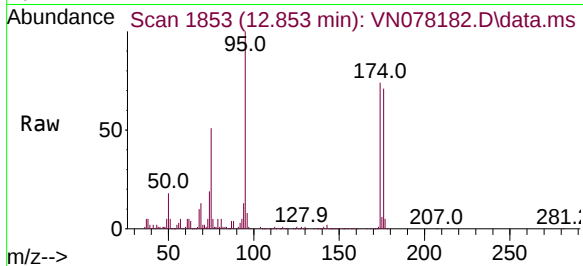




#81
trans-1,4-Dichloro-2-butene
Concen: 69.250 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

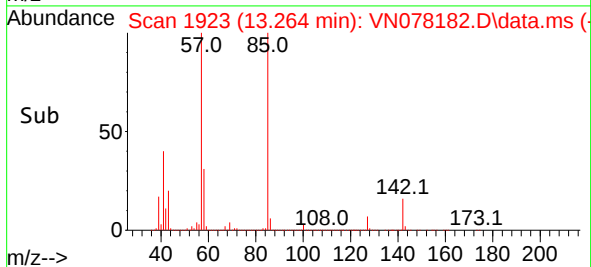
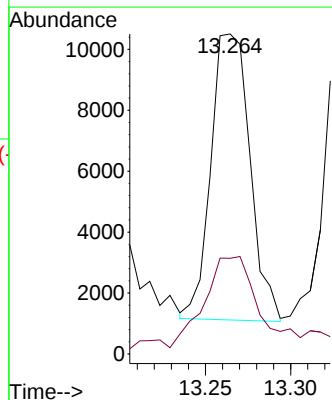
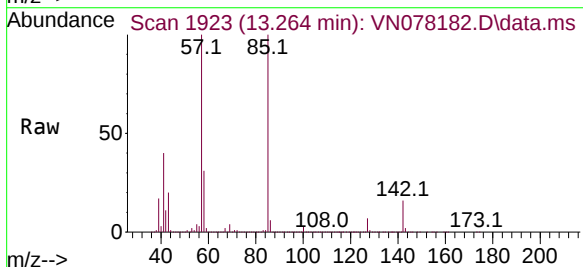
Instrument :
MSVOA_N
ClientSampleId :

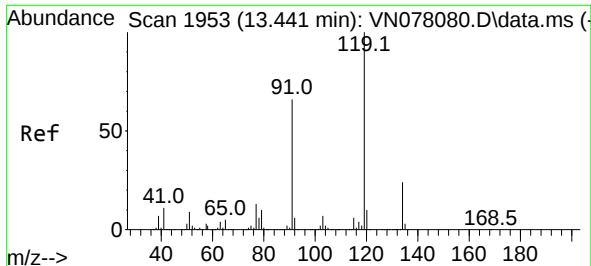
Tgt Ion: 75 Resp: 236535
Ion Ratio Lower Upper
75 100
53 0.5 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.544 ug/l
RT: 13.264 min Scan# 1923
Delta R.T. 0.035 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

Tgt Ion: 91 Resp: 14960
Ion Ratio Lower Upper
91 100
126 43.6 16.7 50.0

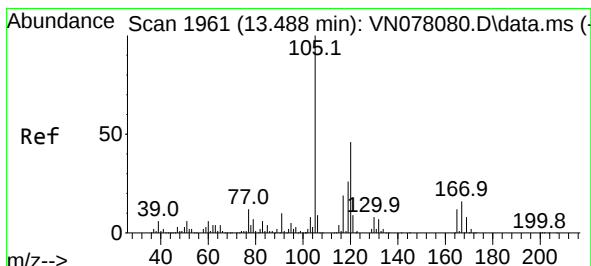
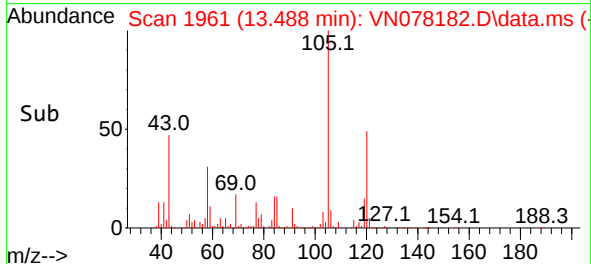
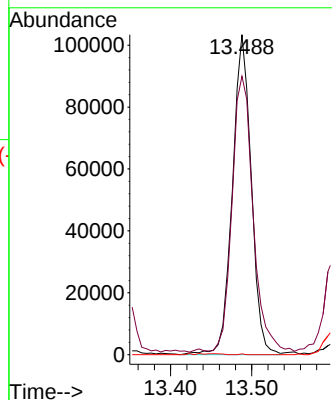
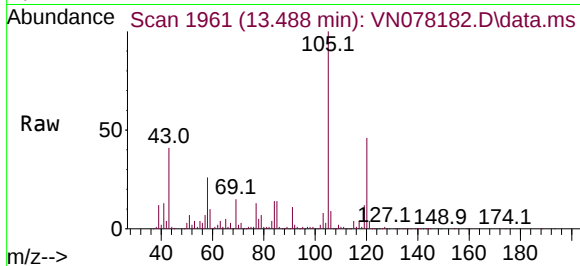




#83
 tert-Butylbenzene
 Concen: 5.637 ug/l
 RT: 13.488 min Scan# 1953
 Delta R.T. 0.047 min
 Lab File: VN078182.D
 Acq: 13 Jun 2023 13:36

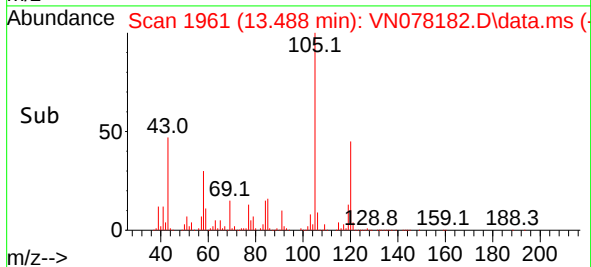
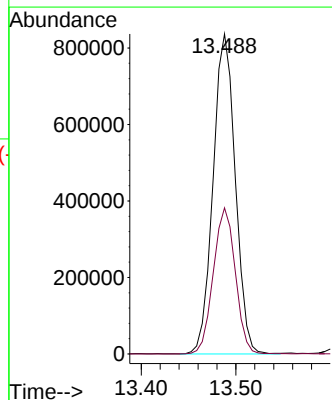
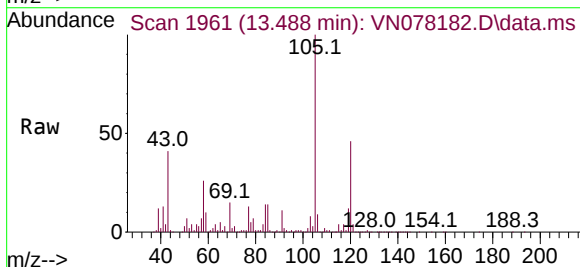
Instrument :
 MSVOA_N
 ClientSampleId :

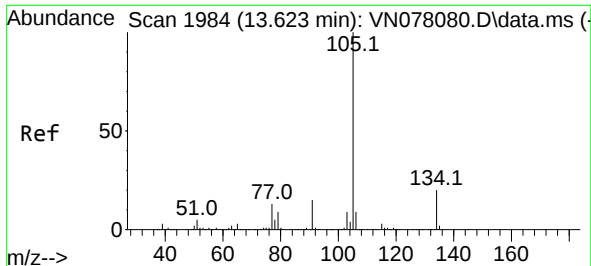
Tgt Ion:119 Resp: 166518
 Ion Ratio Lower Upper
 119 100
 91 95.1 33.9 101.7
 134 0.0 13.2 39.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 41.432 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VN078182.D
 Acq: 13 Jun 2023 13:36

Tgt Ion:105 Resp: 1365151
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.0 66.0

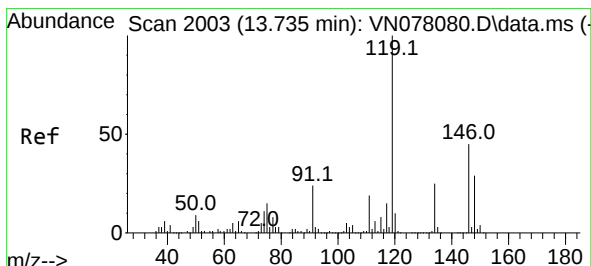
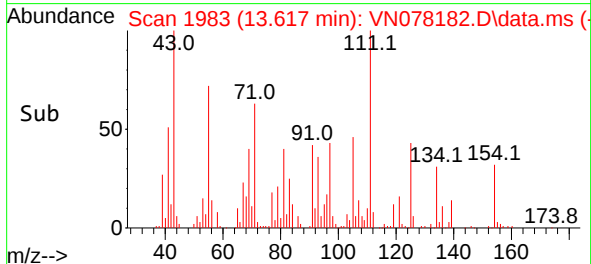
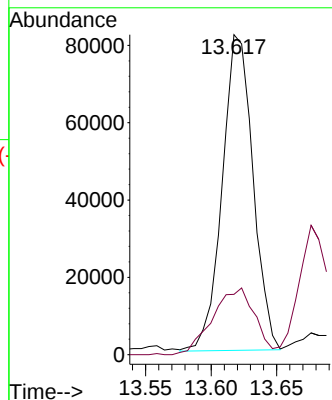
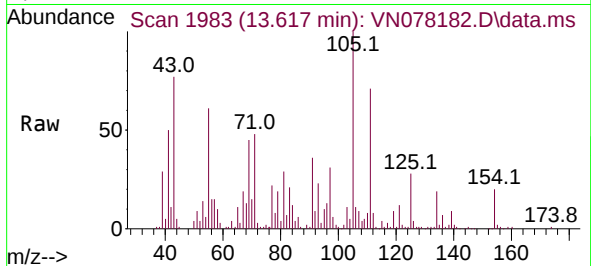




#85
 sec-Butylbenzene
 Concen: 3.447 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN078182.D
 Acq: 13 Jun 2023 13:36

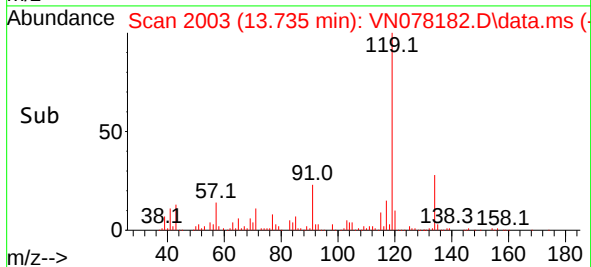
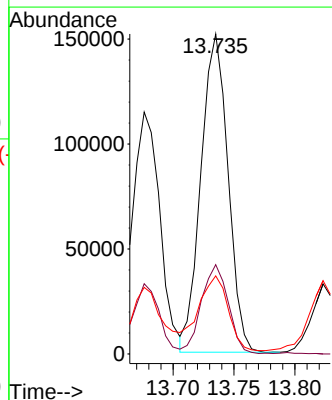
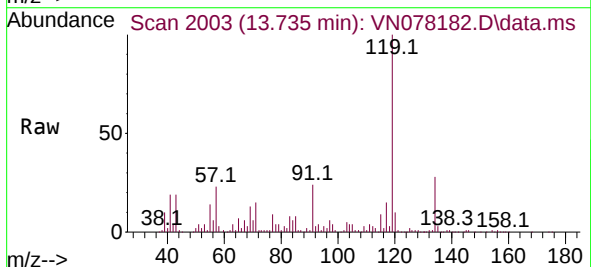
Instrument :
 MSVOA_N
 ClientSampleId :

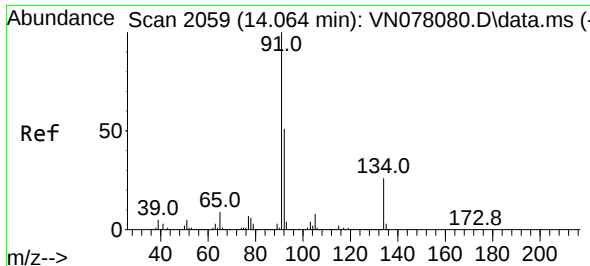
Tgt Ion:105 Resp: 133282
 Ion Ratio Lower Upper
 105 100
 134 28.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 7.453 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078182.D
 Acq: 13 Jun 2023 13:36

Tgt Ion:119 Resp: 233845
 Ion Ratio Lower Upper
 119 100
 134 27.7 12.6 37.8
 91 25.8 12.4 37.2

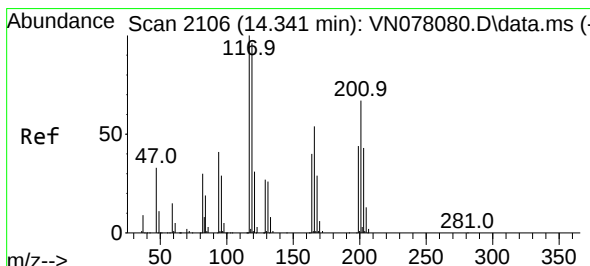
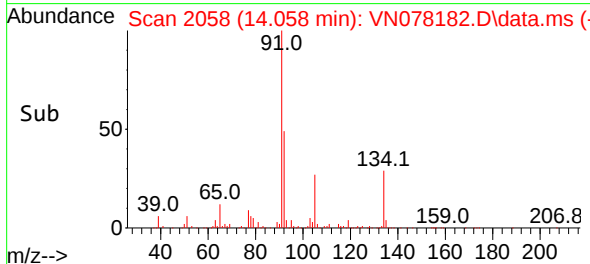
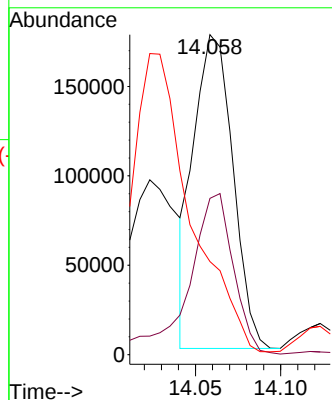
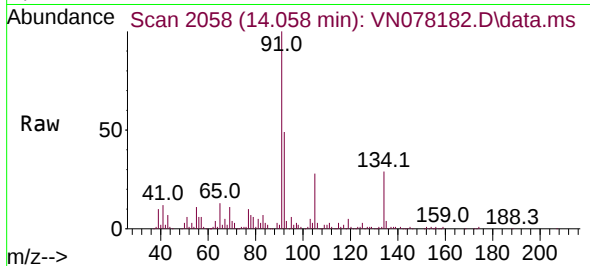




#89
n-Butylbenzene
Concen: 11.315 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

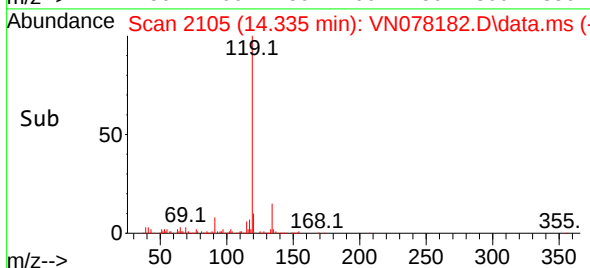
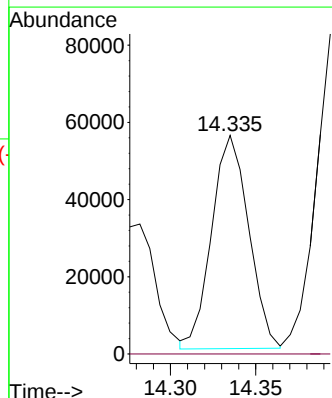
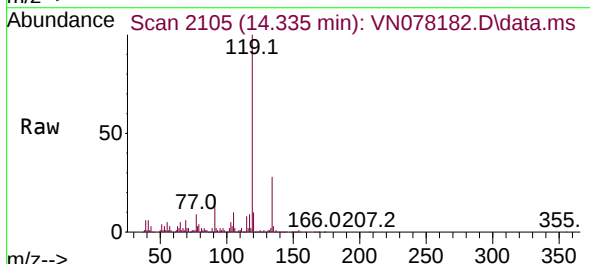
Instrument :
MSVOA_N
ClientSampleId :

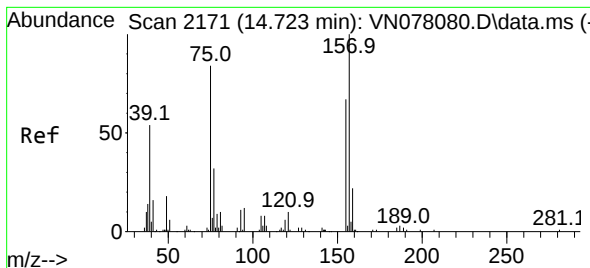
Tgt Ion: 91 Resp: 280034
Ion Ratio Lower Upper
91 100
92 57.3 26.4 79.0
134 0.0 12.6 37.6#



#90
Hexachloroethane
Concen: 14.985 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

Tgt Ion: 117 Resp: 83440
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#

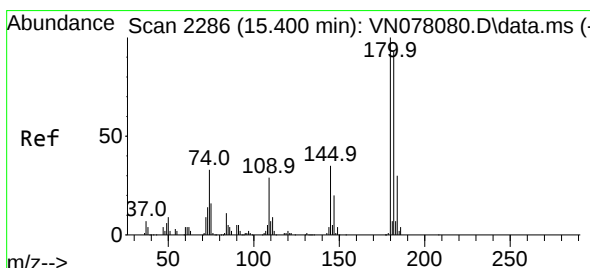
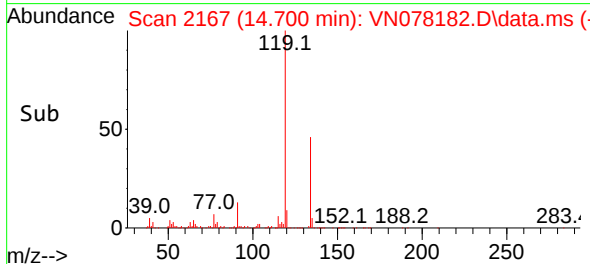
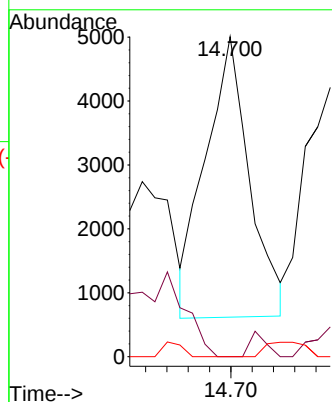
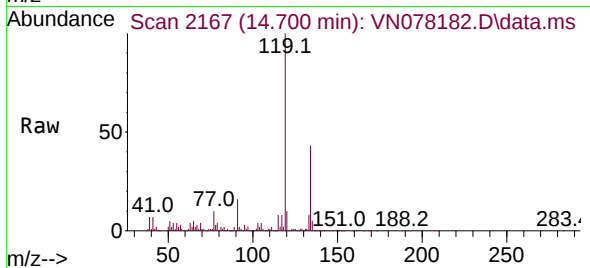




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.024 ug/l
RT: 14.700 min Scan# 2171
Delta R.T. -0.024 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

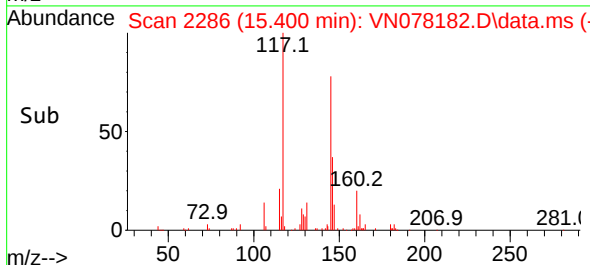
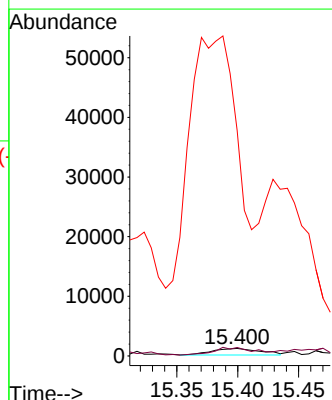
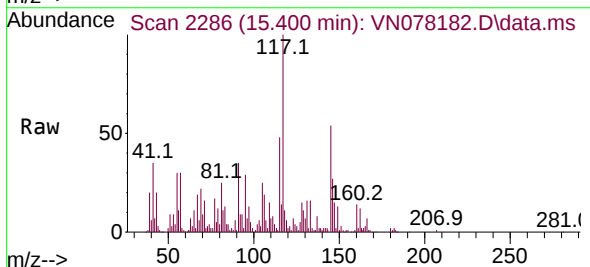
Instrument :
MSVOA_N
ClientSampleId :

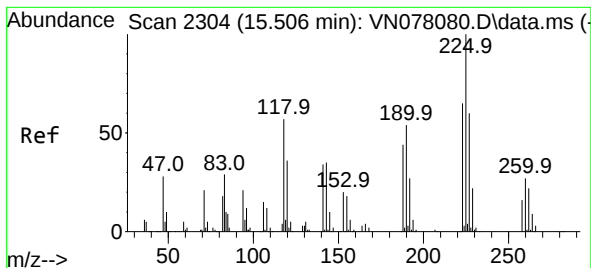
Tgt Ion: 75 Resp: 6287
Ion Ratio Lower Upper
75 100
155 3.3 39.1 117.2#
157 0.0 50.3 150.9#



#93
1,2,4-Trichlorobenzene
Concen: 0.530 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078182.D
Acq: 13 Jun 2023 13:36

Tgt Ion:180 Resp: 3040
Ion Ratio Lower Upper
180 100
182 100.8 46.1 138.2
145 5203.9 16.6 49.8#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.505 min Scan# 21

Delta R.T. -0.001 min

Lab File: VN078182.D

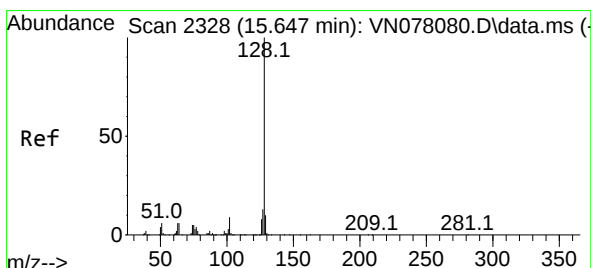
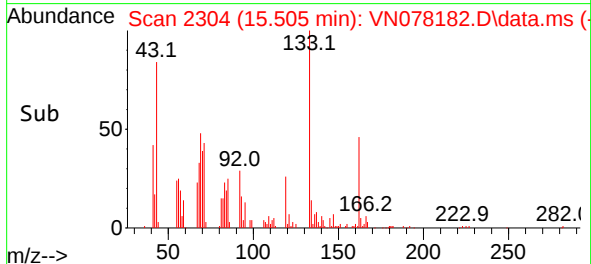
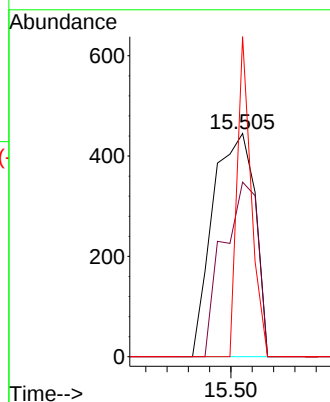
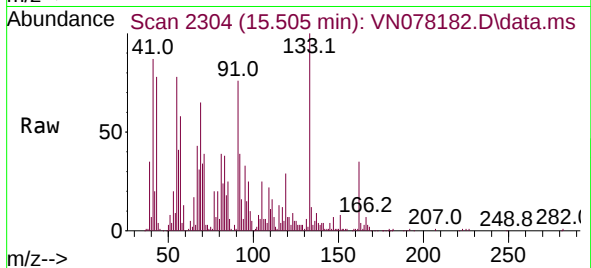
Acq: 13 Jun 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:225	Resp:	612
Ion Ratio	Lower	Upper
225	100	
223	64.9	31.3 93.8
227	47.7	31.9 95.9



#95

Naphthalene

Concen: 24.424 ug/l

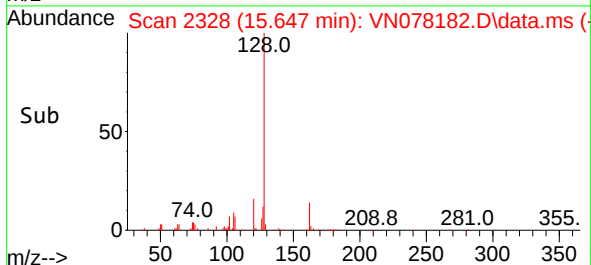
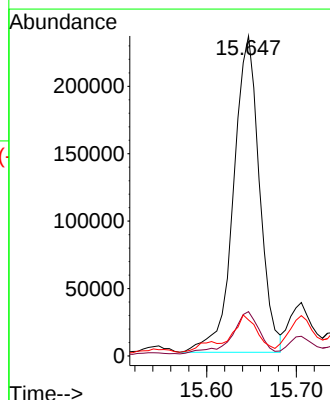
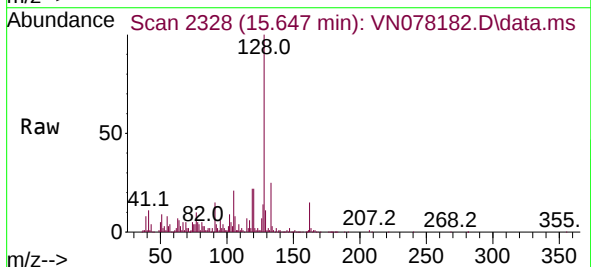
RT: 15.647 min Scan# 2328

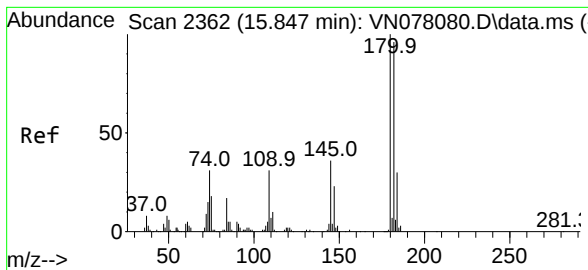
Delta R.T. -0.000 min

Lab File: VN078182.D

Acq: 13 Jun 2023 13:36

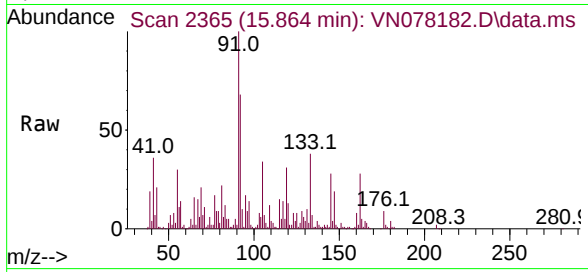
Tgt Ion:128	Resp:	471543
Ion Ratio	Lower	Upper
128	100	
127	14.1	10.0 15.0
129	9.5	8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.723 ug/l
 RT: 15.864 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VN078182.D
 Acq: 13 Jun 2023 13:36

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 4644
 Ion Ratio Lower Upper
 180 100
 182 52.8 46.2 138.6
 145 3152.9 17.5 52.6#

