

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079981.D
 Acq On : 07 Nov 2023 21:45
 Operator : JC\MD
 Sample : 05102-11 200X
 Misc : 2.70g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 08 04:38:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	254900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	516359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	540076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222132	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	230458	59.343	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.680%	
35) Dibromofluoromethane	8.171	113	192420	52.652	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.300%	
50) Toluene-d8	10.571	98	680350	50.569	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.140%	
62) 4-Bromofluorobenzene	12.853	95	255512	57.264	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.520%	

Target Compounds				Qvalue		
3) Chloromethane	2.353	50	1268	Below Cal	#	74
5) Bromomethane	2.971	94	661	0.271	ug/l #	54
6) Chloroethane	3.136	64	840	0.265	ug/l #	43
10) Methyl Iodide	4.583	142	1279	0.387	ug/l #	86
11) Tert butyl alcohol	5.518	59	440	0.888	ug/l #	72
15) Acrylonitrile	5.718	53	335	0.217	ug/l #	18
16) Acetone	4.453	43	1175	0.861	ug/l #	40
17) Carbon Disulfide	4.706	76	2410	0.305	ug/l #	72
18) Methyl Acetate	5.042	43	3783	0.580	ug/l #	81
20) Methylene Chloride	5.277	84	1523	0.442	ug/l #	74
27) cis-1,2-Dichloroethene	7.494	96	27939	7.633	ug/l	95
29) Tetrahydrofuran	7.859	42	387	0.298	ug/l #	37
30) Chloroform	7.971	83	2319	0.361	ug/l	86
31) Cyclohexane	8.230	56	8343	1.626	ug/l #	57
36) 1,1-Dichloropropene	8.230	75	23046	4.417	ug/l #	48
38) Carbon Tetrachloride	8.230	117	28207	5.364	ug/l #	17
39) Methylcyclohexane	9.600	83	5288	1.077	ug/l #	80
40) Benzene	8.612	78	18796	1.203	ug/l	99
43) Isopropyl Acetate	8.718	43	2297	0.274	ug/l #	49
44) Trichloroethene	9.365	130	895	0.231	ug/l	85
47) Bromodichloromethane	9.900	83	1229	0.211	ug/l #	54
51) 4-Methyl-2-Pentanone	10.447	43	1217	0.258	ug/l #	31
52) Toluene	10.635	92	1156198	124.784	ug/l	99
53) t-1,3-Dichloropropene	10.629	75	14412	2.528	ug/l #	1
59) 2-Hexanone	11.200	43	1723	0.477	ug/l	67
64) Tetrachloroethene	11.106	164	4128	1.180	ug/l #	82
65) Chlorobenzene	11.894	112	5199	0.444	ug/l	90
67) Ethyl Benzene	11.965	91	351387	17.216	ug/l	92
68) m/p-Xylenes	12.070	106	539879	71.005	ug/l	91
69) o-Xylene	12.400	106	164722	22.498	ug/l	93
70) Styrene	12.412	104	20968	1.782	ug/l #	1
73) Isopropylbenzene	12.700	105	12305	0.730	ug/l	98
76) 1,2,3-Trichloropropane	12.853	75	141379	27.110	ug/l #	1
78) n-propylbenzene	13.041	91	23753	1.230	ug/l	95
79) 2-Chlorotoluene	13.129	91	22280	1.807	ug/l	80
80) 1,3,5-Trimethylbenzene	13.176	105	12521	0.955	ug/l	94

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

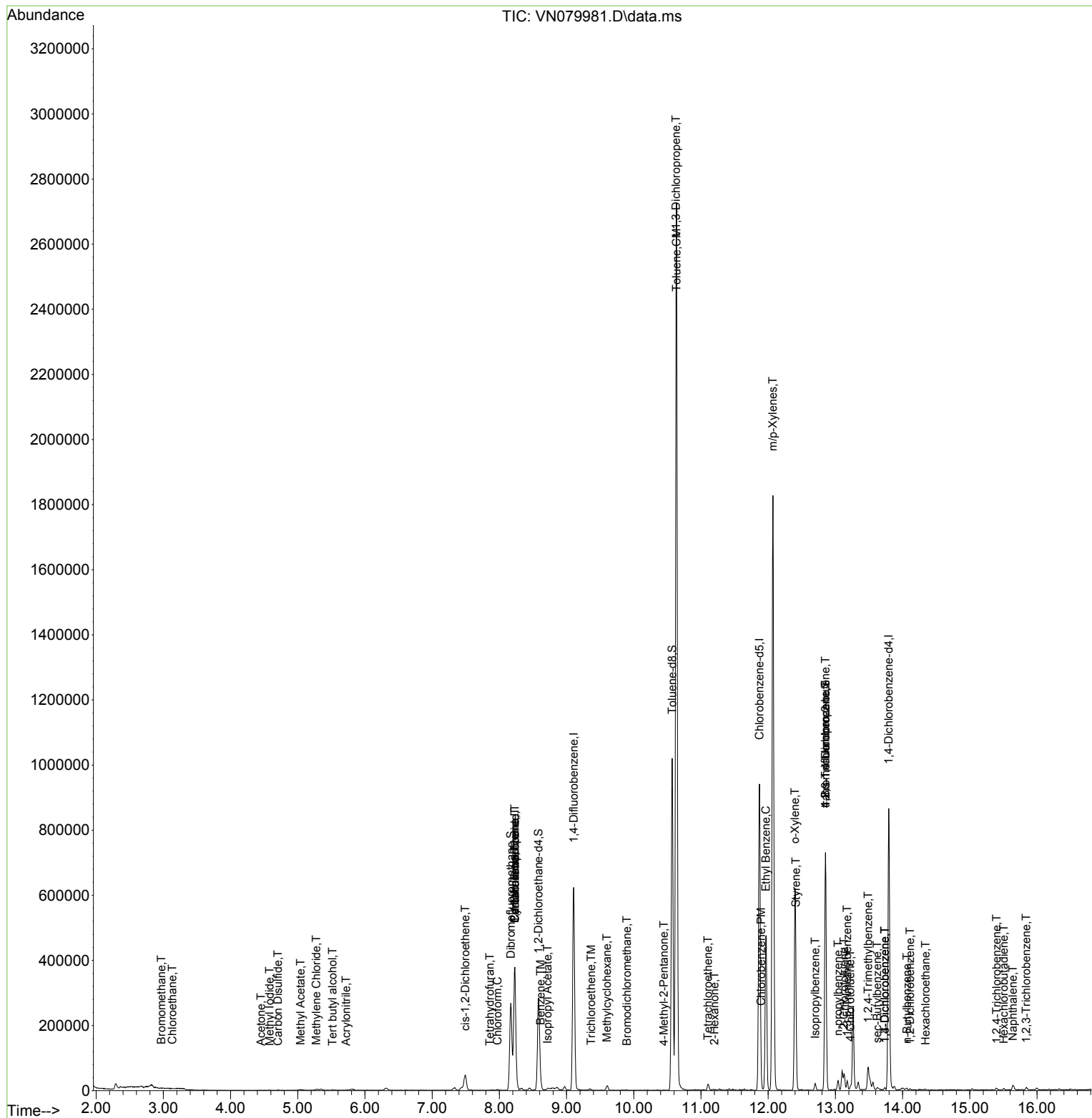
81) trans-1,4-Dichloro-2-b...	12.853	75	141379	73.760	ug/l #	15
82) 4-Chlorotoluene	13.223	91	8581	0.700	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	37180	2.881	ug/l	100
85) sec-Butylbenzene	13.623	105	3148	0.212	ug/l	87
87) 1,3-Dichlorobenzene	13.735	146	1818	0.237	ug/l	91
88) 1,4-Dichlorobenzene	13.735	146	1818	0.233	ug/l	90
89) n-Butylbenzene	14.064	91	4049	0.388	ug/l	97
90) Hexachloroethane	14.341	117	502	0.209	ug/l #	21
91) 1,2-Dichlorobenzene	14.112	146	1678	0.232	ug/l	90
93) 1,2,4-Trichlorobenzene	15.400	180	2024	0.587	ug/l	92
94) Hexachlorobutadiene	15.506	225	1036	0.663	ug/l	93
95) Naphthalene	15.641	128	15077	1.290	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	3045	0.901	ug/l	85

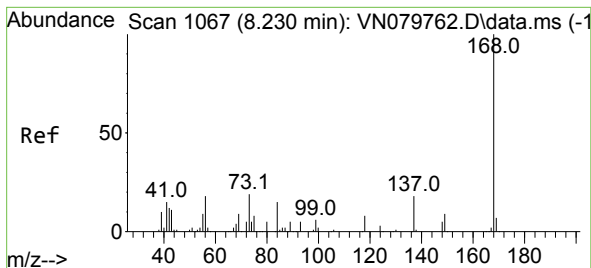
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.001 min

Lab File: VN079981.D

Acq: 07 Nov 2023 21:45

Instrument :

MSVOA_N

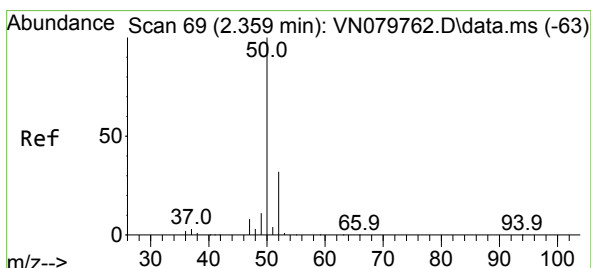
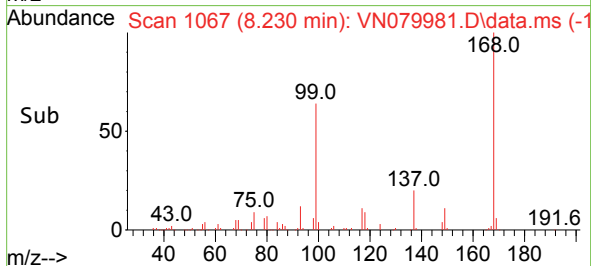
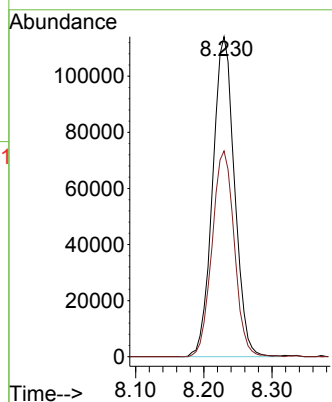
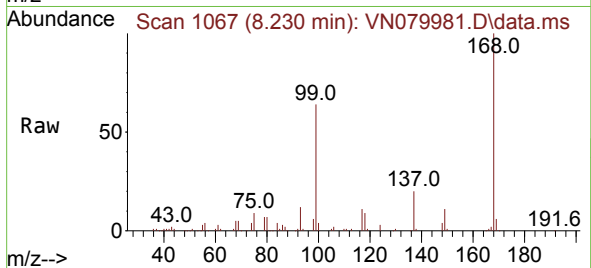
ClientSampleId :

Tgt Ion:168 Resp: 254900

Ion Ratio Lower Upper

168 100

99 64.3 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.353 min Scan# 68

Delta R.T. -0.006 min

Lab File: VN079981.D

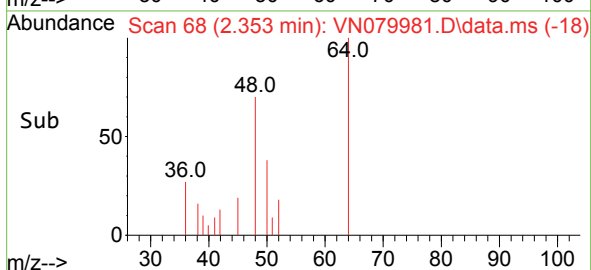
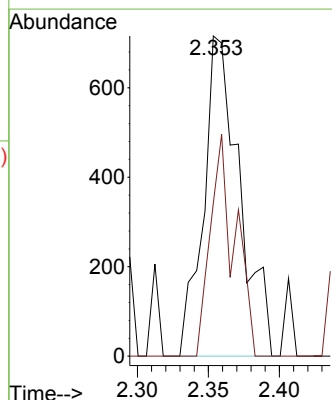
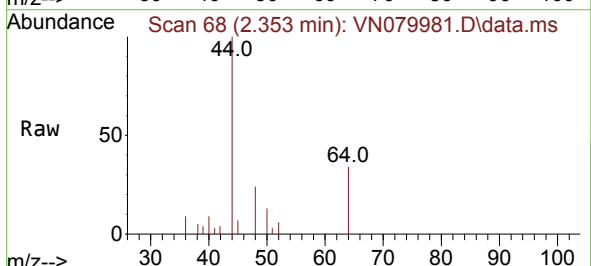
Acq: 07 Nov 2023 21:45

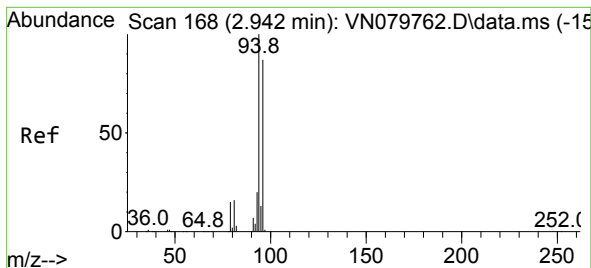
Tgt Ion: 50 Resp: 1268

Ion Ratio Lower Upper

50 100

52 47.8 26.5 39.7#





#5

Bromomethane

Concen: 0.271 ug/l

RT: 2.971 min Scan# 11

Delta R.T. 0.018 min

Lab File: VN079981.D

Acq: 07 Nov 2023 21:45

Instrument :

MSVOA_N

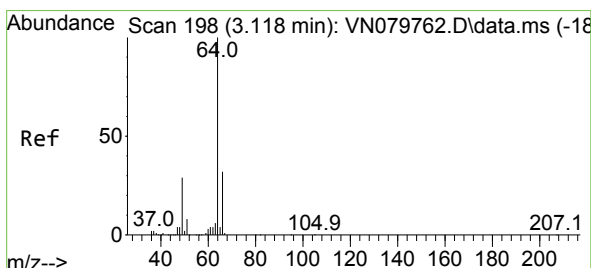
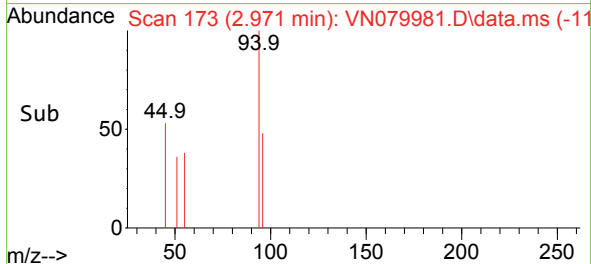
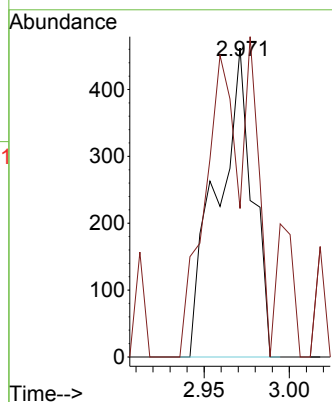
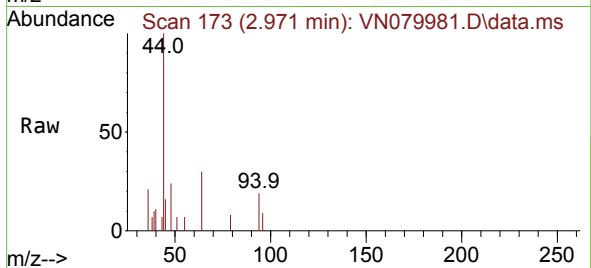
ClientSampleId :

Tgt Ion: 94 Resp: 661

Ion Ratio Lower Upper

94 100

96 48.1 73.1 109.7#



#6

Chloroethane

Concen: 0.265 ug/l

RT: 3.136 min Scan# 201

Delta R.T. 0.018 min

Lab File: VN079981.D

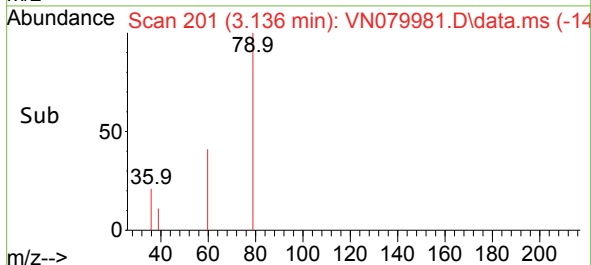
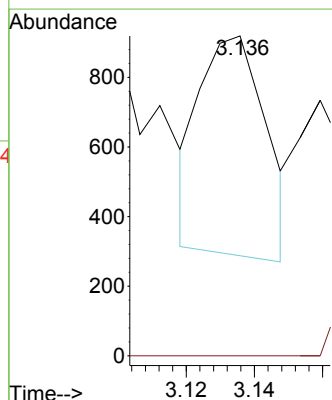
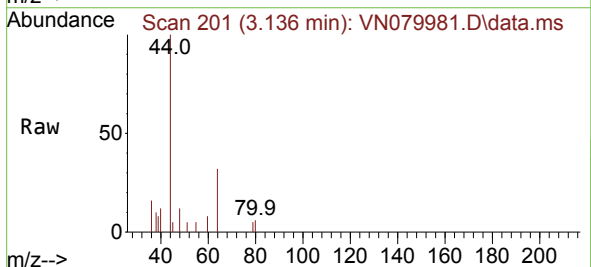
Acq: 07 Nov 2023 21:45

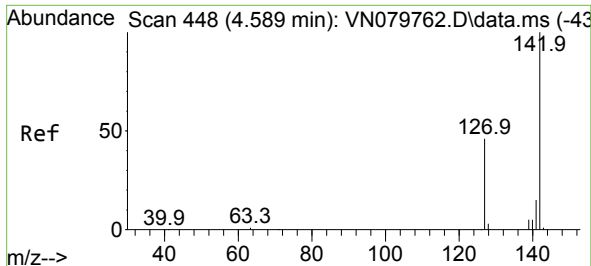
Tgt Ion: 64 Resp: 840

Ion Ratio Lower Upper

64 100

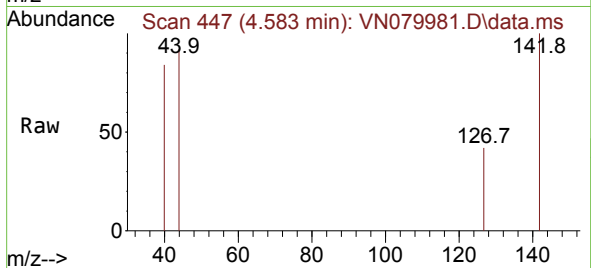
66 0.0 25.4 38.2#



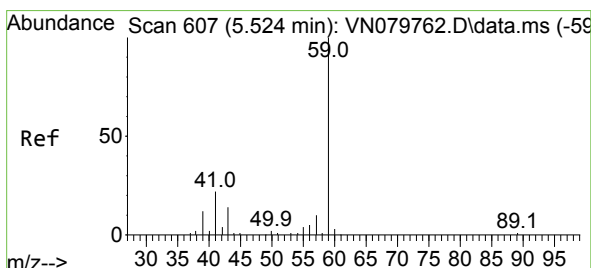
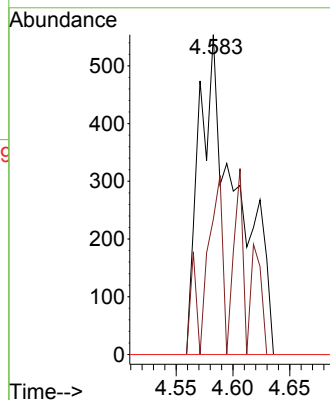
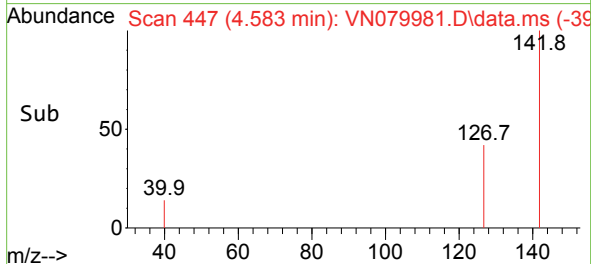


#10
Methyl Iodide
Concen: 0.387 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

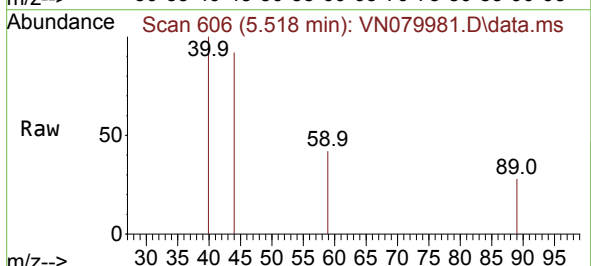
Instrument :
MSVOA_N
ClientSampleId :



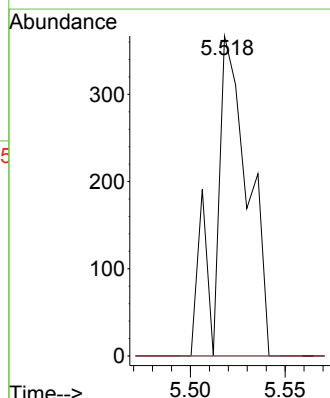
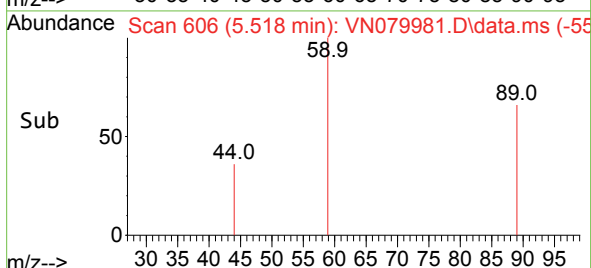
Tgt Ion:142 Resp: 1279
Ion Ratio Lower Upper
142 100
127 42.2 37.6 56.4
141 0.0 11.4 17.0#

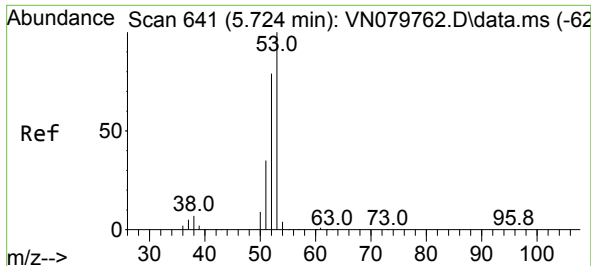


#11
Tert butyl alcohol
Concen: 0.888 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45



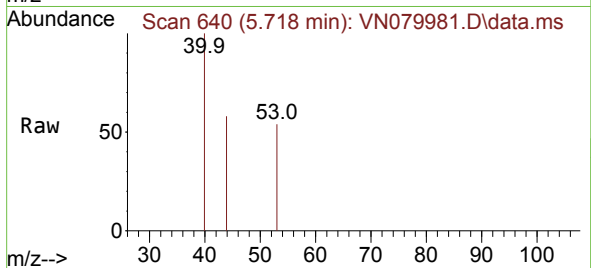
Tgt Ion: 59 Resp: 440
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



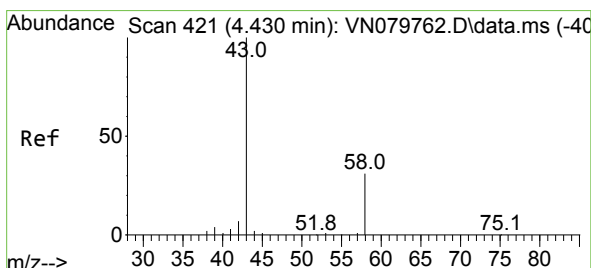
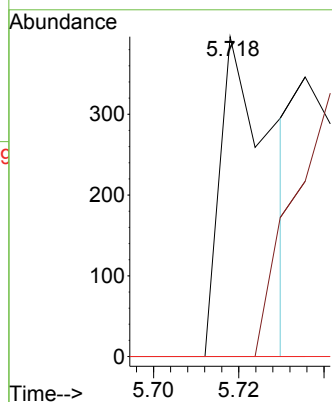


#15
Acrylonitrile
Concen: 0.217 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

Instrument :
MSVOA_N
ClientSampleId :

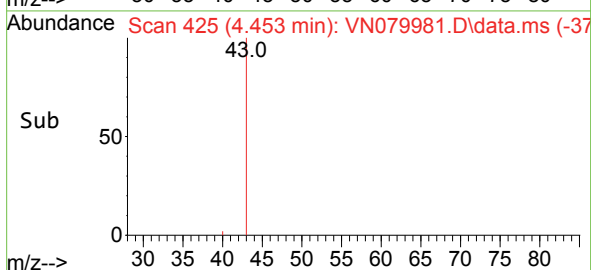
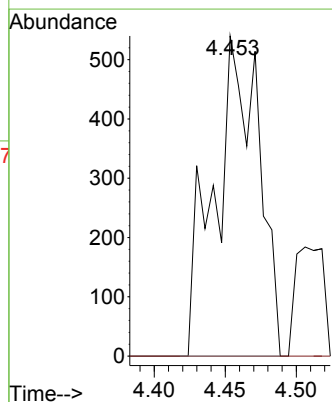
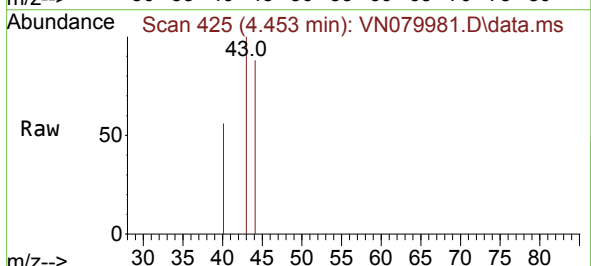


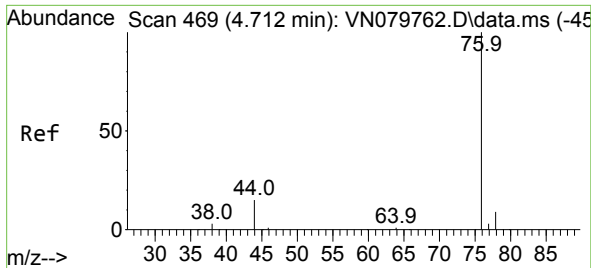
Tgt Ion: 53 Resp: 335
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 0.0 28.9 43.3#



#16
Acetone
Concen: 0.861 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.024 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

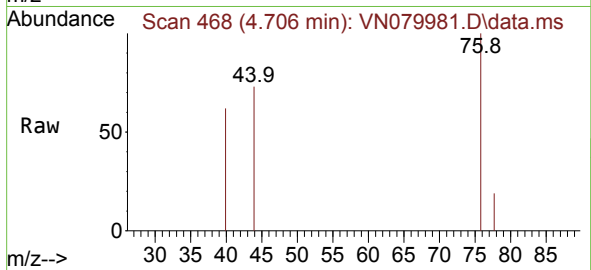
Tgt Ion: 43 Resp: 1175
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



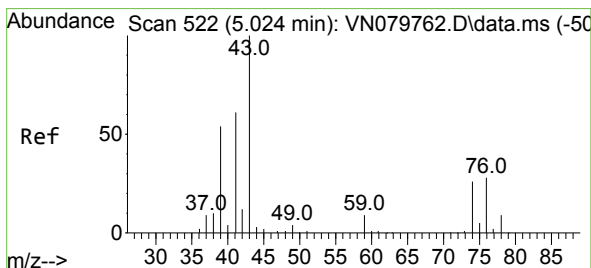
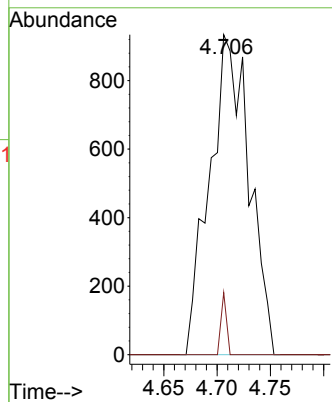
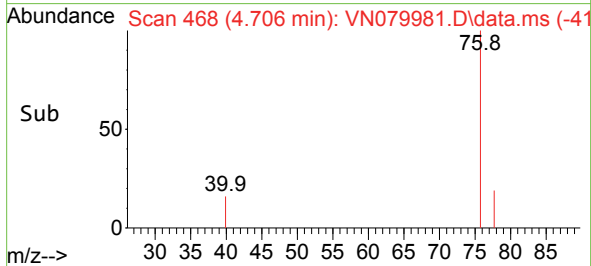


#17
Carbon Disulfide
Concen: 0.305 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

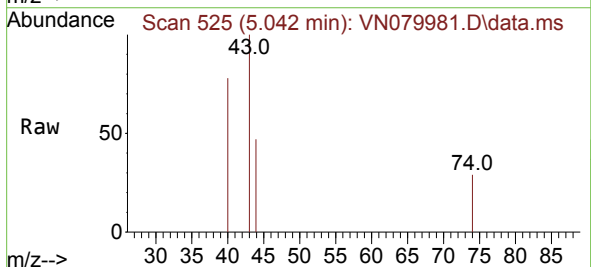
Instrument :
MSVOA_N
ClientSampleId :



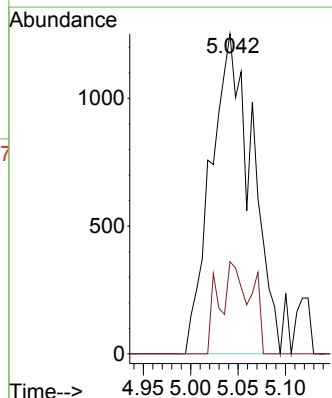
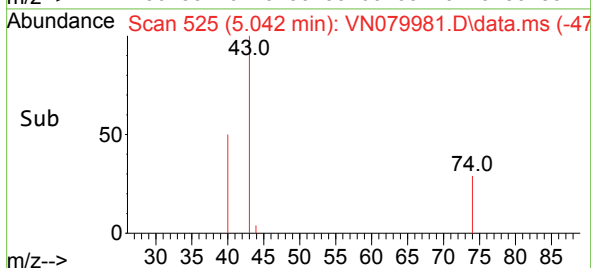
Tgt Ion: 76 Resp: 2410
Ion Ratio Lower Upper
76 100
78 19.4 7.4 11.0#

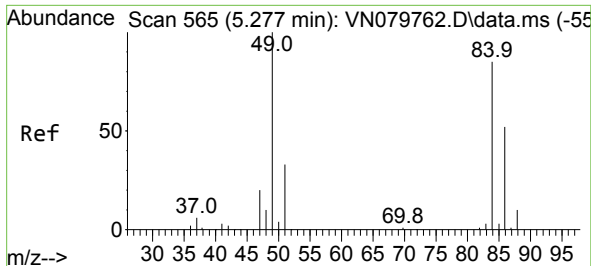


#18
Methyl Acetate
Concen: 0.580 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.018 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45



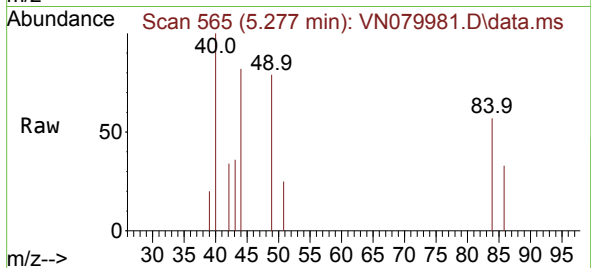
Tgt Ion: 43 Resp: 3783
Ion Ratio Lower Upper
43 100
74 21.9 26.2 39.4#





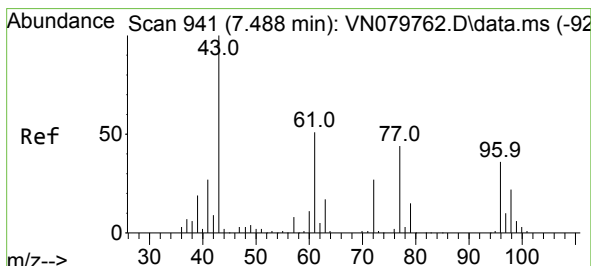
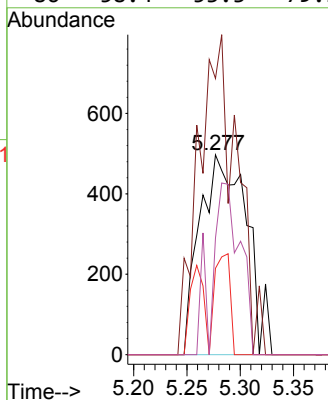
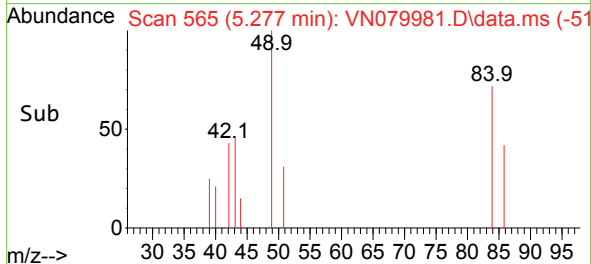
#20
Methylene Chloride
Concen: 0.442 ug/l
RT: 5.277 min Scan# 501
Delta R.T. 0.006 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

Instrument :
MSVOA_N
ClientSampleId :

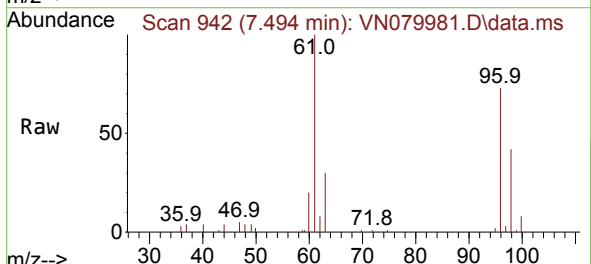


Tgt Ion: 84 Resp: 1523

Ion	Ratio	Lower	Upper
84	100		
49	138.2	79.7	119.5#
51	43.3	25.2	37.8#
86	58.4	53.3	79.9

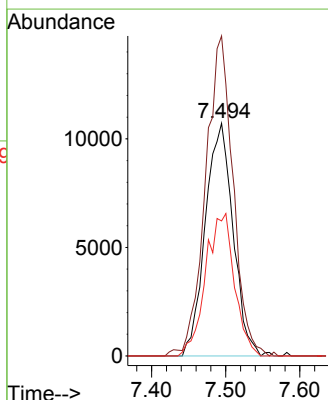
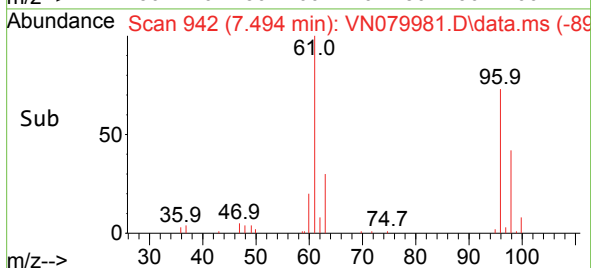


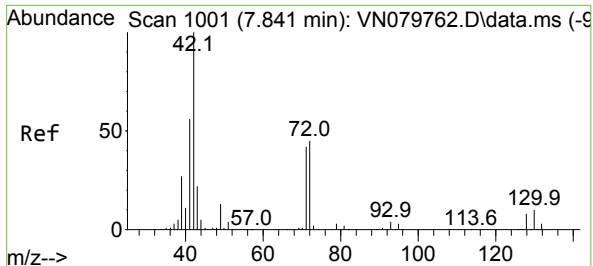
#27
cis-1,2-Dichloroethene
Concen: 7.633 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45



Tgt Ion: 96 Resp: 27939

Ion	Ratio	Lower	Upper
96	100		
61	136.2	0.0	255.2
98	63.4	0.0	128.8





#29

Tetrahydrofuran

Concen: 0.298 ug/l

RT: 7.859 min Scan# 1004

Delta R.T. 0.018 min

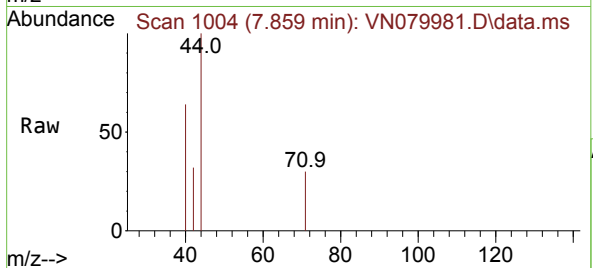
Lab File: VN079981.D

Acq: 07 Nov 2023 21:45

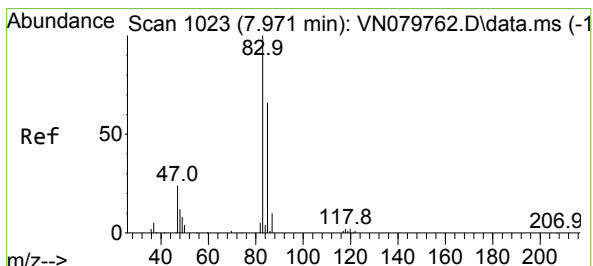
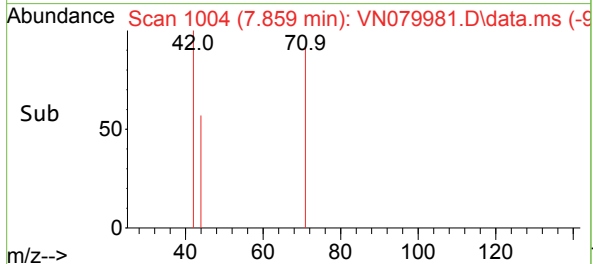
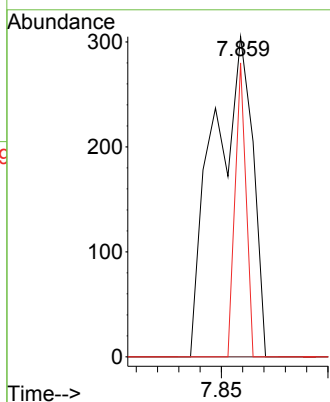
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	387
Ion Ratio	Lower	Upper	
42	100		
72	0.0	49.8	74.6#
71	25.6	47.4	71.2#



#30

Chloroform

Concen: 0.361 ug/l

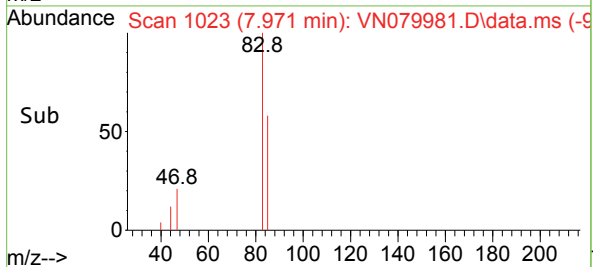
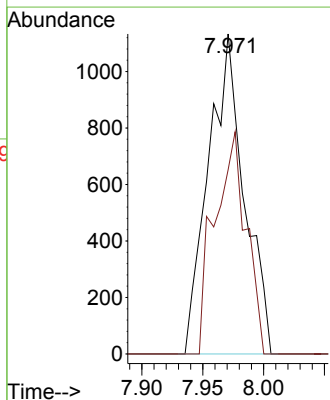
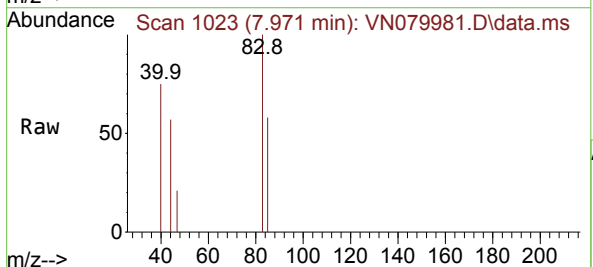
RT: 7.971 min Scan# 1023

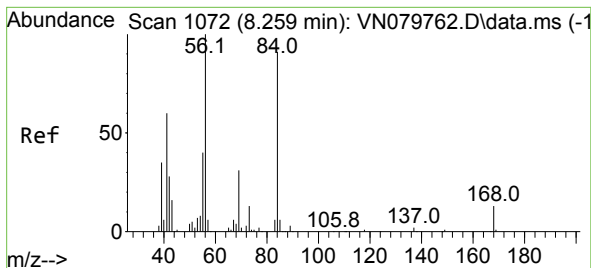
Delta R.T. 0.000 min

Lab File: VN079981.D

Acq: 07 Nov 2023 21:45

Tgt Ion:	83	Resp:	2319
Ion Ratio	Lower	Upper	
83	100		
85	57.5	55.4	83.0





#31

Cyclohexane

Concen: 1.626 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

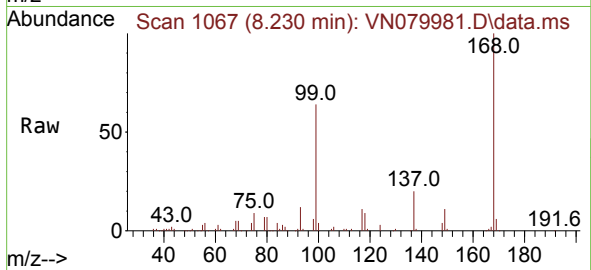
Lab File: VN079981.D

Acq: 07 Nov 2023 21:45

Instrument :

MSVOA_N

ClientSampleId :



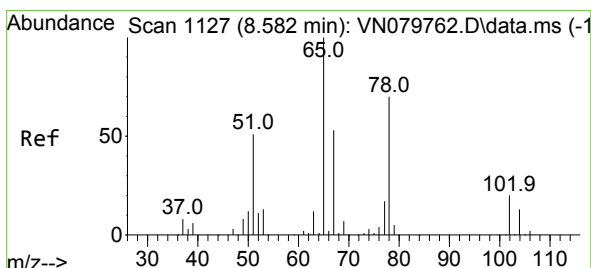
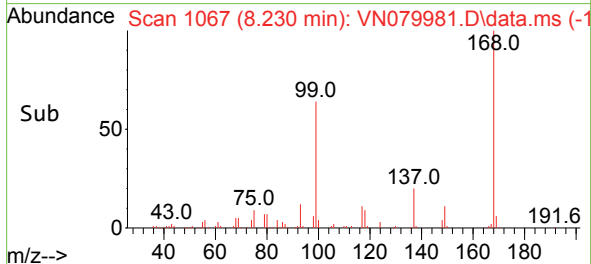
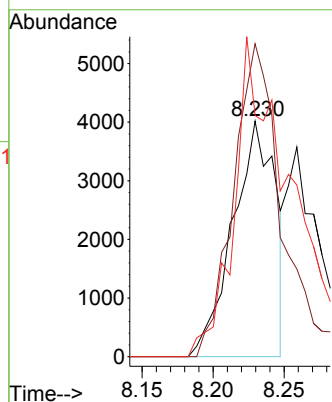
Tgt Ion: 56 Resp: 8343

Ion Ratio Lower Upper

56 100

69 132.9 26.8 40.2#

84 102.4 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 59.343 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079981.D

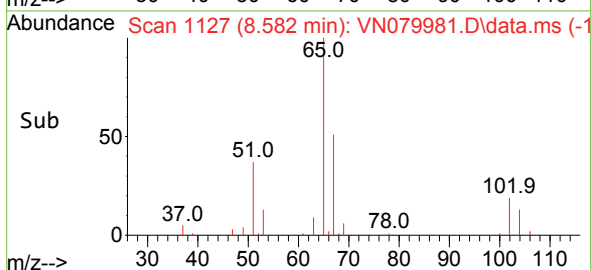
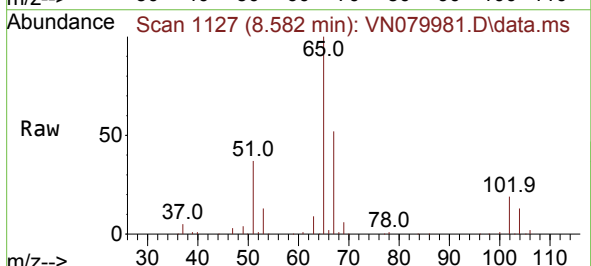
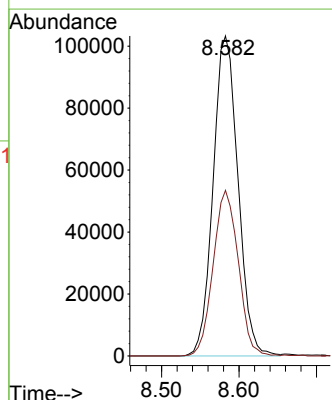
Acq: 07 Nov 2023 21:45

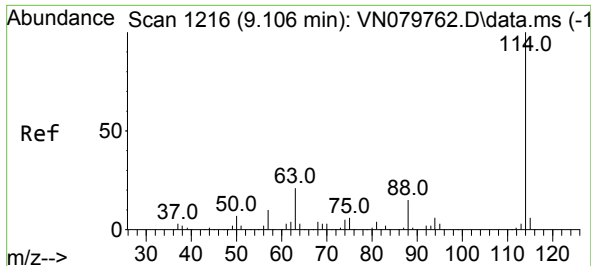
Tgt Ion: 65 Resp: 230458

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079981.D

Acq: 07 Nov 2023 21:45

Instrument :

MSVOA_N

ClientSampleId :

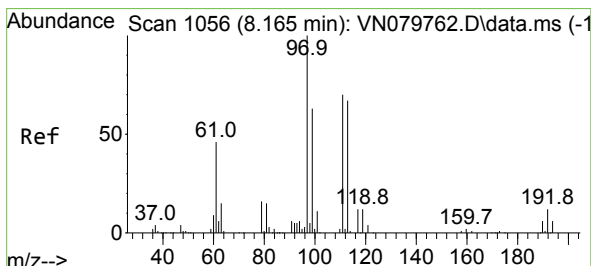
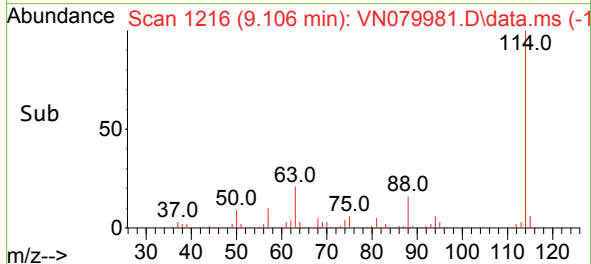
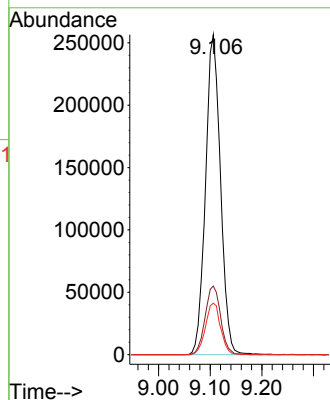
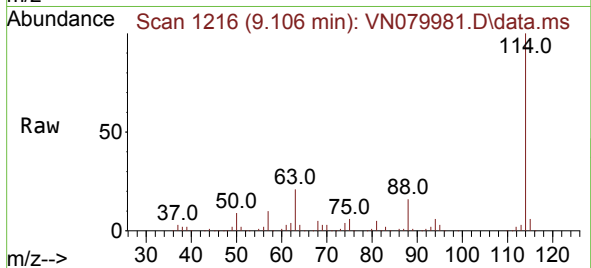
Tgt Ion:114 Resp: 516359

Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.652 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079981.D

Acq: 07 Nov 2023 21:45

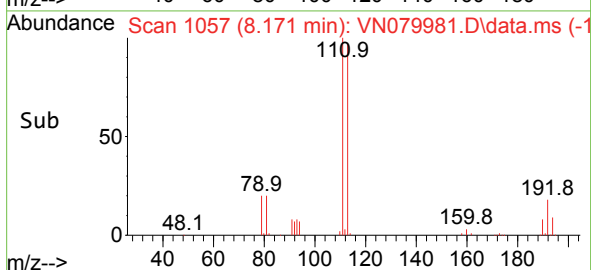
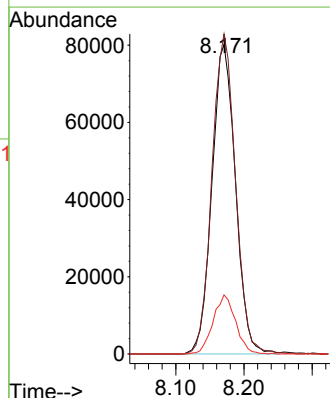
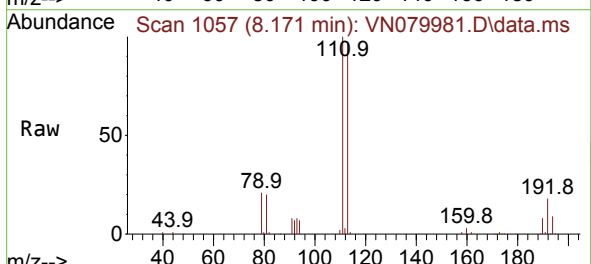
Tgt Ion:113 Resp: 192420

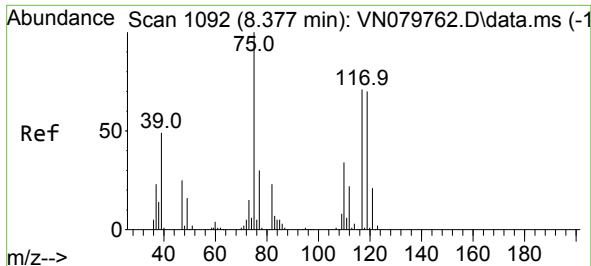
Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

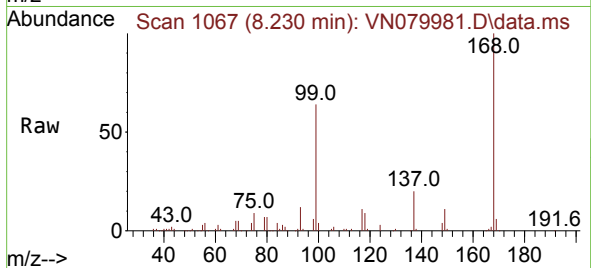
192 18.2 12.7 19.1



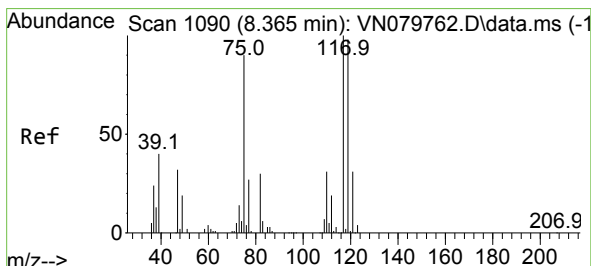
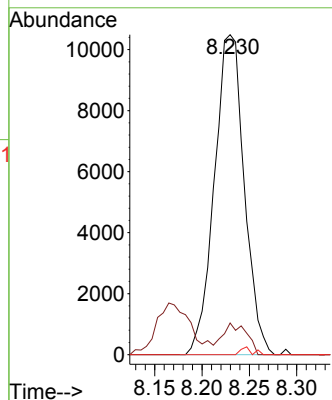
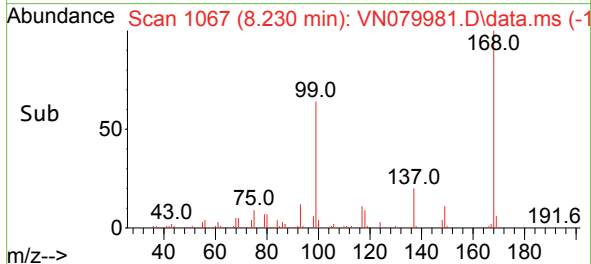


#36
1,1-Dichloropropene
Concen: 4.417 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

Instrument :
MSVOA_N
ClientSampleId :

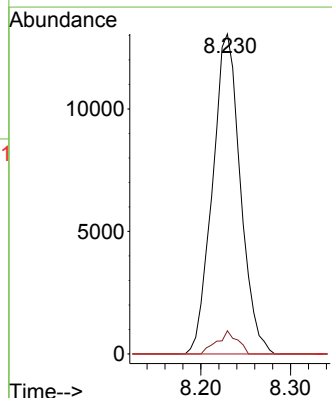
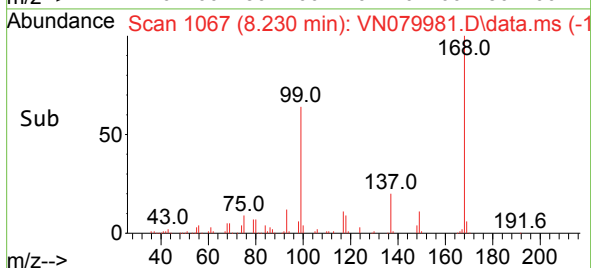
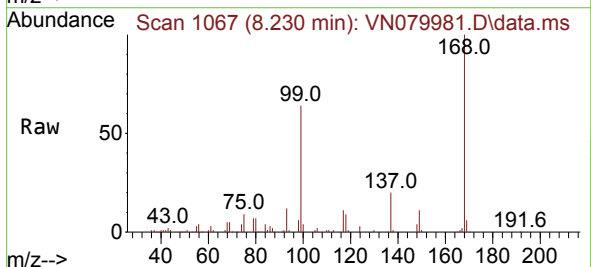


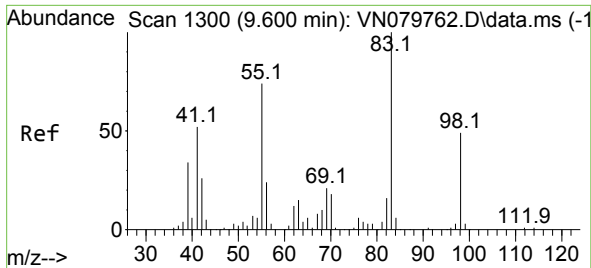
Tgt Ion: 75 Resp: 23046
Ion Ratio Lower Upper
75 100
110 7.9 19.1 57.3#
77 0.9 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.364 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

Tgt Ion: 117 Resp: 28207
Ion Ratio Lower Upper
117 100
119 7.3 77.3 115.9#
121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 1.077 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN079981.D

Acq: 07 Nov 2023 21:45

Instrument :

MSVOA_N

ClientSampleId :

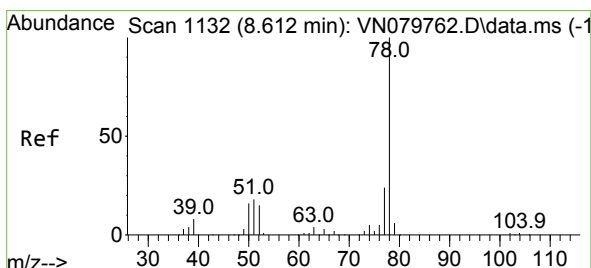
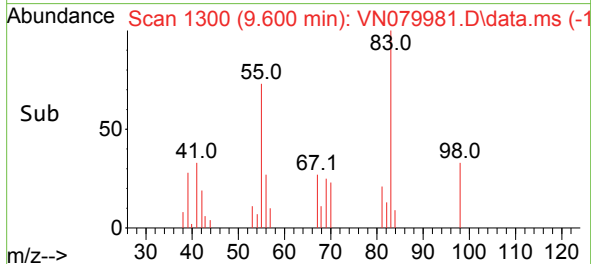
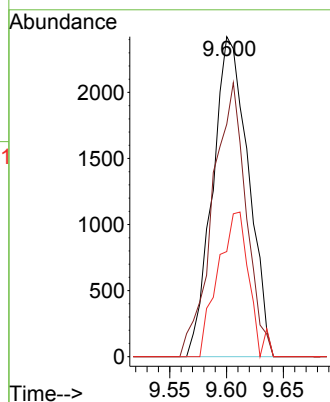
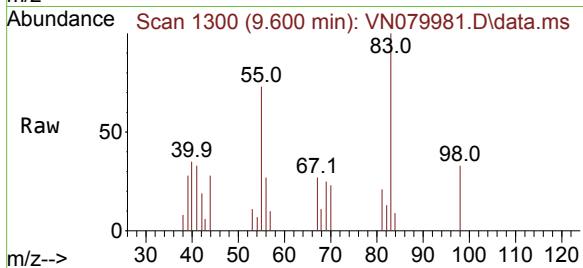
Tgt Ion: 83 Resp: 5288

Ion Ratio Lower Upper

83 100

55 72.6 49.1 73.7

98 32.9 40.6 61.0#



#40

Benzene

Concen: 1.203 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079981.D

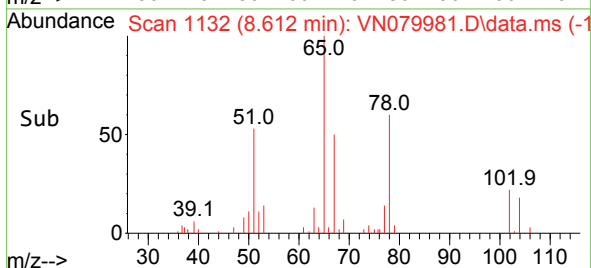
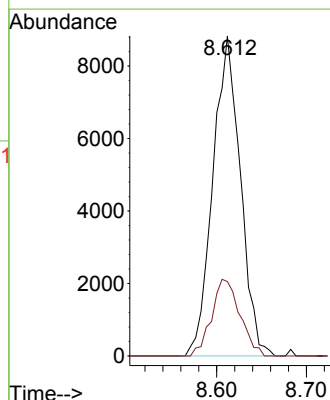
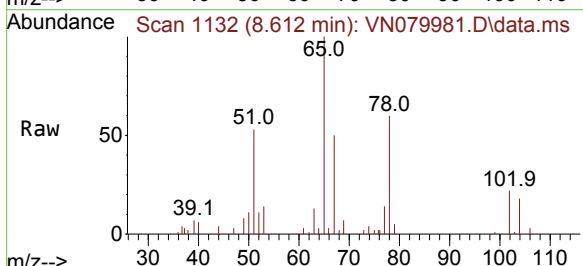
Acq: 07 Nov 2023 21:45

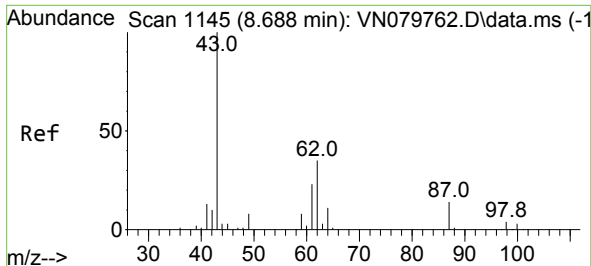
Tgt Ion: 78 Resp: 18796

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

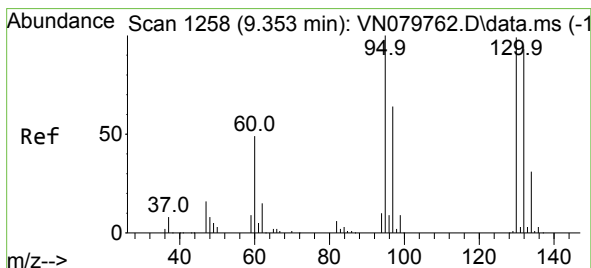
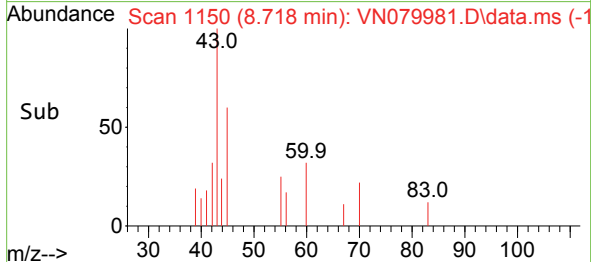
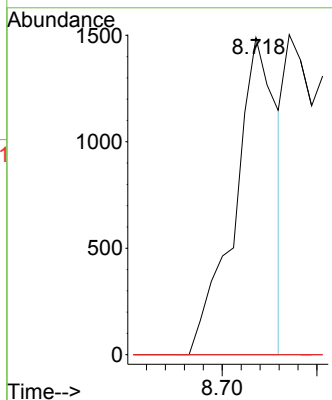
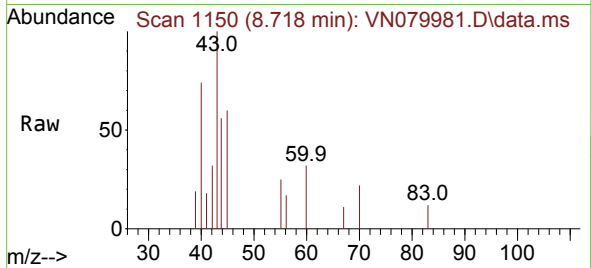




#43
Isopropyl Acetate
Concen: 0.274 ug/l
RT: 8.718 min Scan# 1150
Delta R.T. 0.029 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

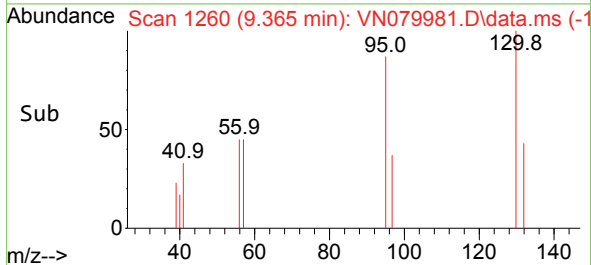
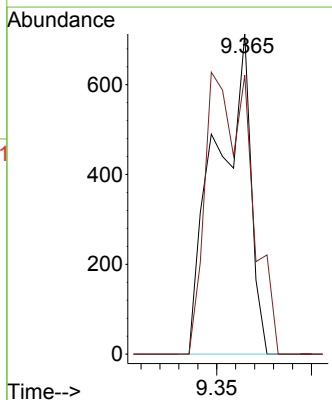
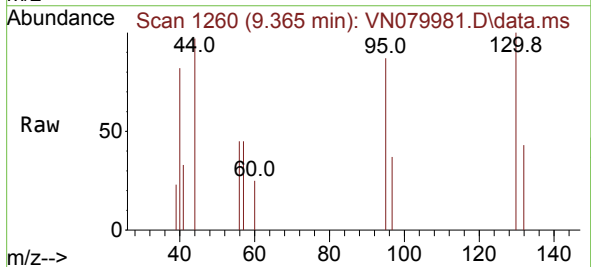
Instrument :
MSVOA_N
ClientSampleId :

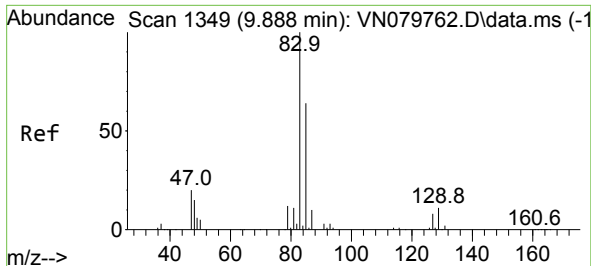
Tgt Ion: 43 Resp: 2297
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#44
Trichloroethene
Concen: 0.231 ug/l
RT: 9.365 min Scan# 1260
Delta R.T. 0.012 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

Tgt Ion:130 Resp: 895
Ion Ratio Lower Upper
130 100
95 87.1 0.0 204.6

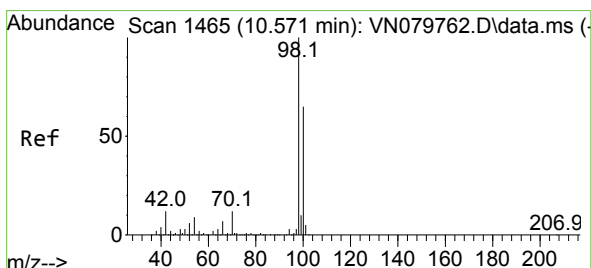
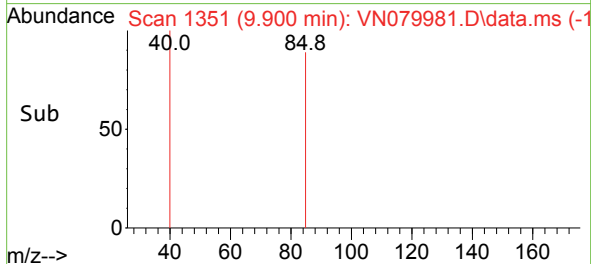
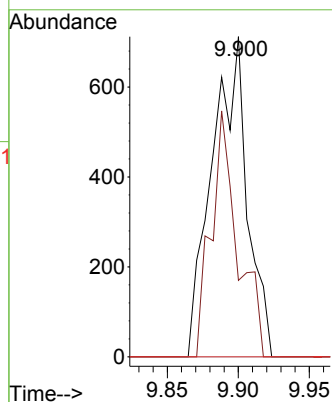
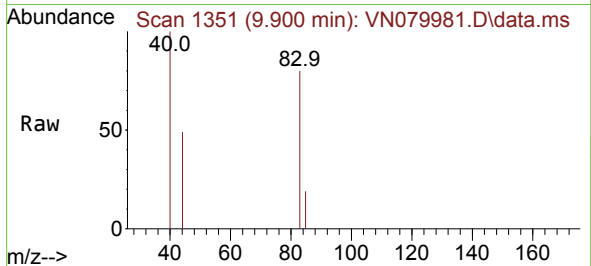




#47
Bromodichloromethane
Concen: 0.211 ug/l
RT: 9.900 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

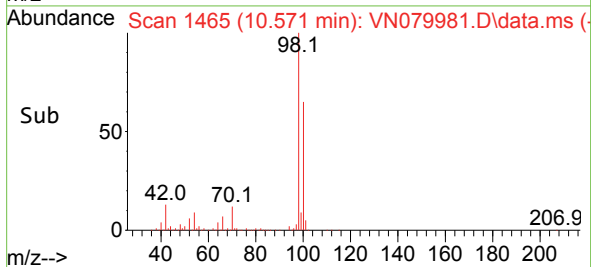
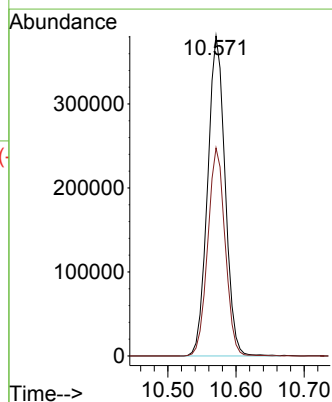
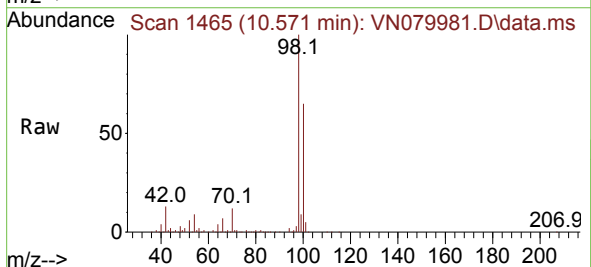
Instrument :
MSVOA_N
ClientSampleId :

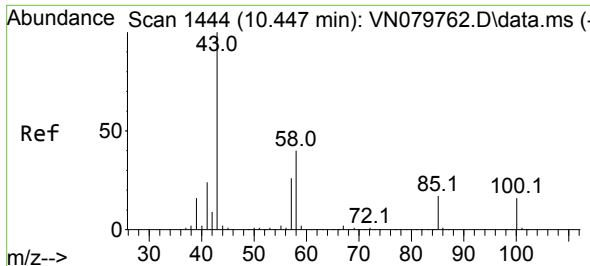
Tgt Ion: 83 Resp: 1229
Ion Ratio Lower Upper
83 100
85 23.9 49.6 74.4#
127 0.0 7.0 10.6#



#50
Toluene-d8
Concen: 50.569 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

Tgt Ion: 98 Resp: 680350
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

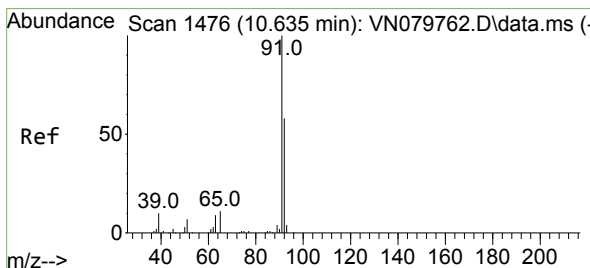
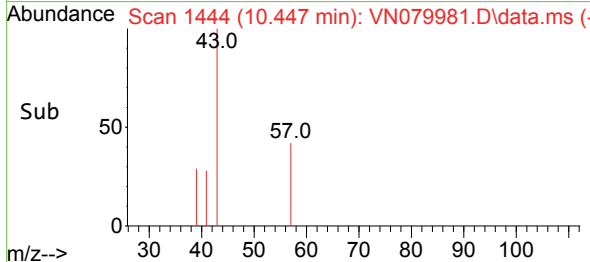
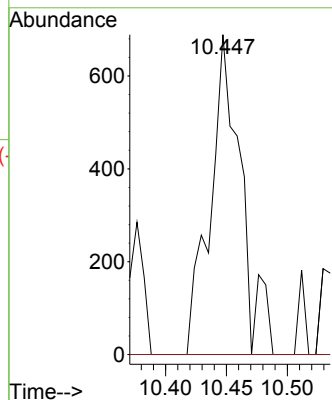
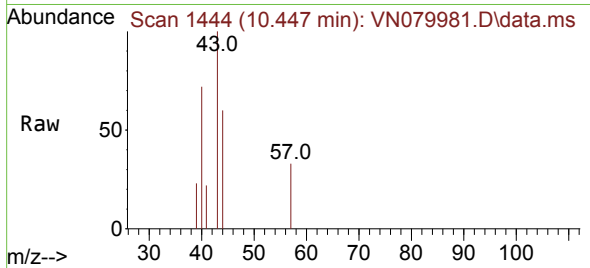




#51
4-Methyl-2-Pentanone
Concen: 0.258 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

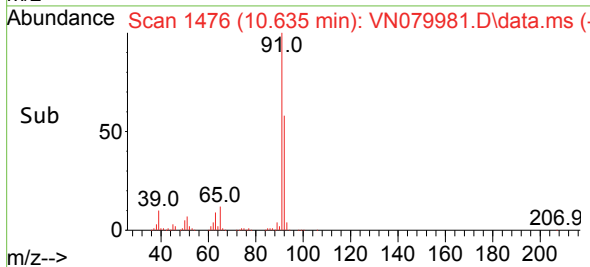
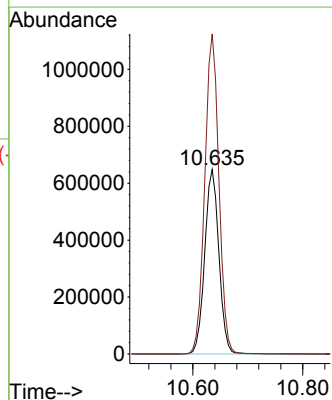
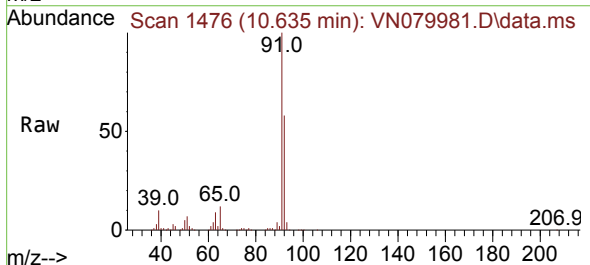
Instrument :
MSVOA_N
ClientSampleId :

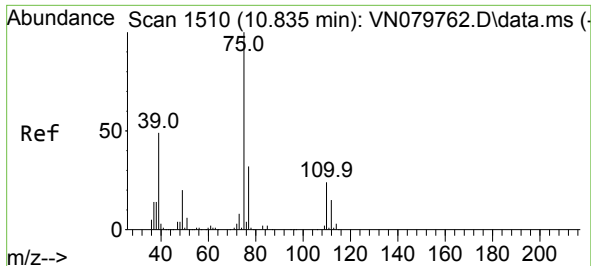
Tgt Ion: 43 Resp: 1217
Ion Ratio Lower Upper
43 100
58 0.0 36.6 54.8#



#52
Toluene
Concen: 124.784 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

Tgt Ion: 92 Resp: 1156198
Ion Ratio Lower Upper
92 100
91 173.2 137.4 206.0

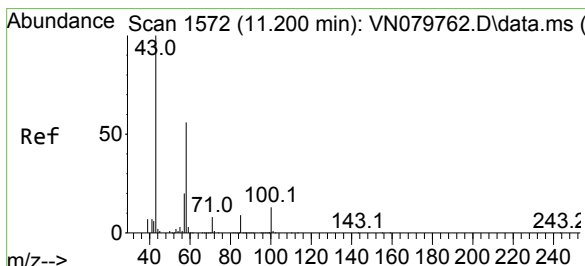
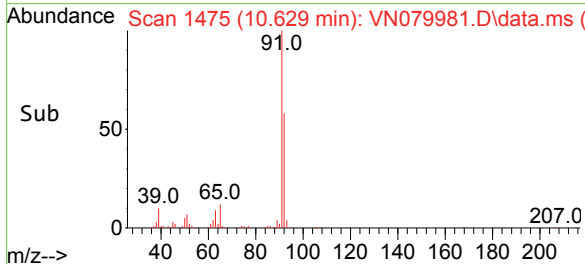
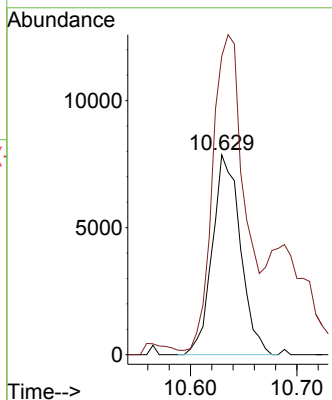
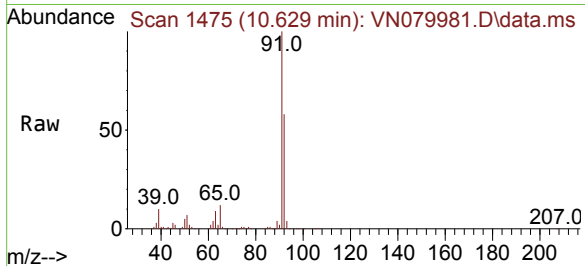




#53
t-1,3-Dichloropropene
Concen: 2.528 ug/l
RT: 10.629 min Scan# 14412
Delta R.T. -0.212 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

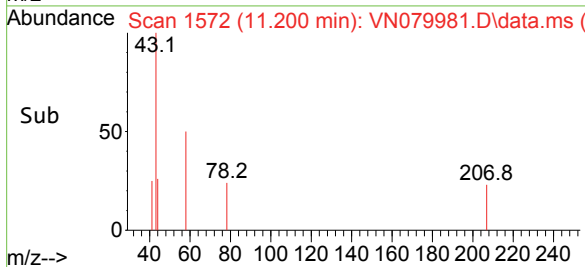
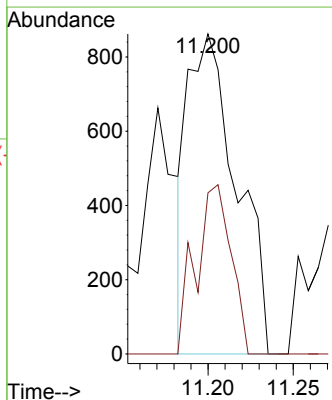
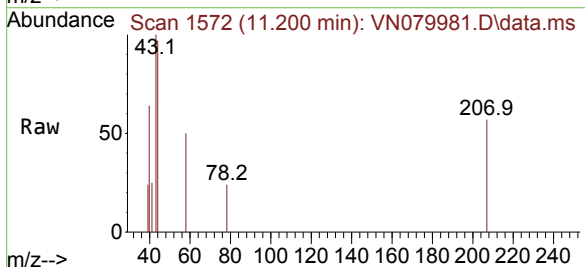
Instrument :
MSVOA_N
ClientSampleId :

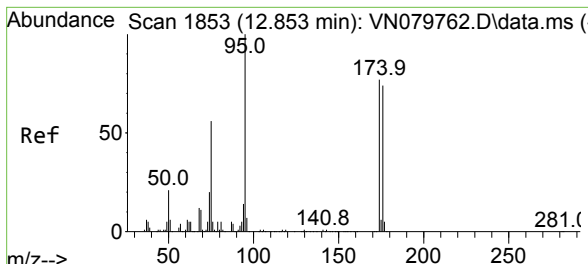
Tgt Ion: 75 Resp: 14412
Ion Ratio Lower Upper
75 100
77 147.1 25.4 38.0#



#59
2-Hexanone
Concen: 0.477 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

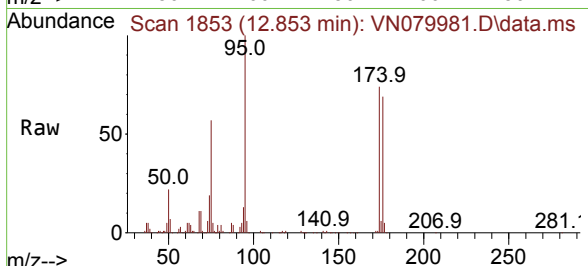
Tgt Ion: 43 Resp: 1723
Ion Ratio Lower Upper
43 100
58 38.0 31.7 95.1



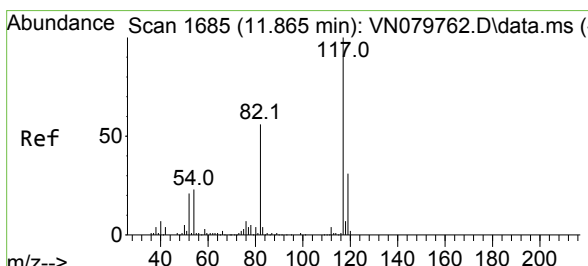
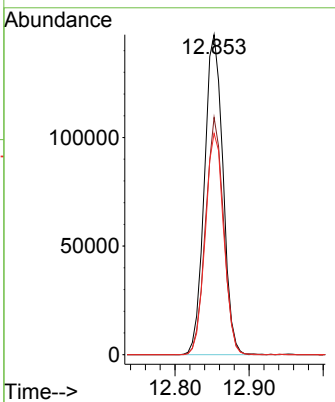
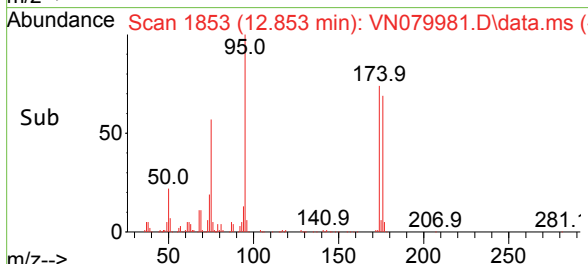


#62
 4-Bromofluorobenzene
 Concen: 57.264 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079981.D
 Acq: 07 Nov 2023 21:45

Instrument :
 MSVOA_N
 ClientSampleId :

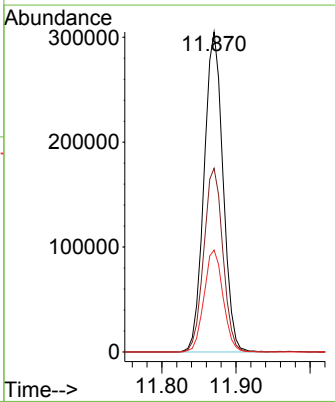
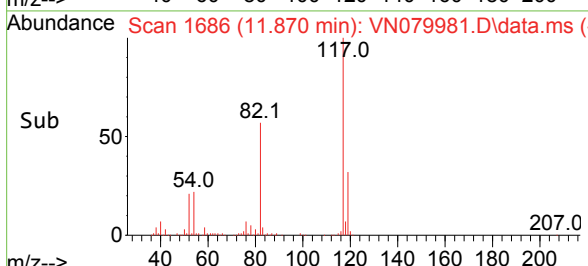
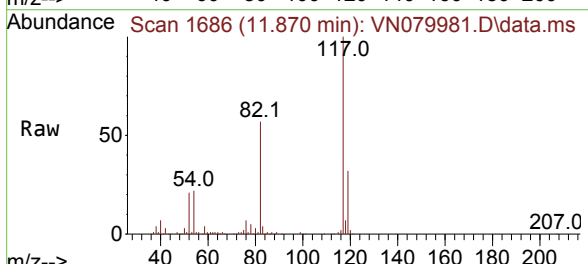


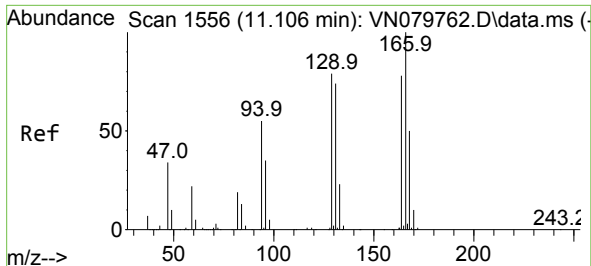
Tgt Ion:	95	Resp:	255512
Ion Ratio	Lower	Upper	
95	100		
174	72.0	0.0	143.8
176	69.0	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN079981.D
 Acq: 07 Nov 2023 21:45

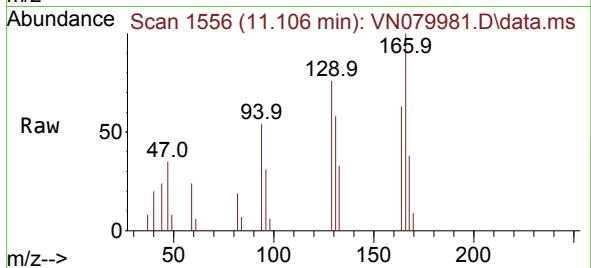
Tgt Ion:	117	Resp:	540076
Ion Ratio	Lower	Upper	
117	100		
82	57.4	44.0	66.0
119	31.9	25.6	38.4



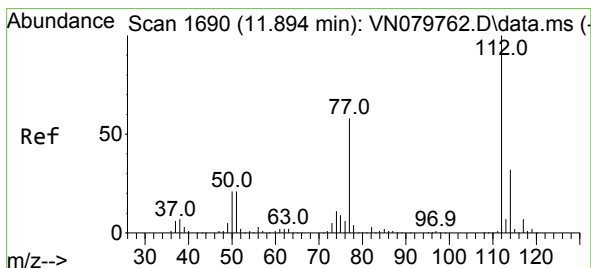
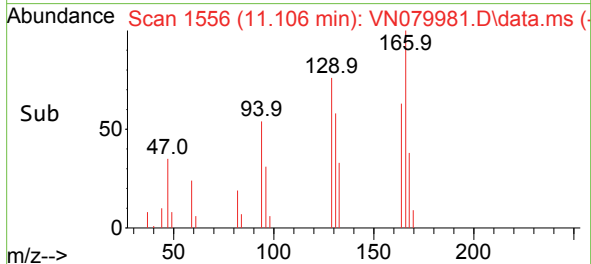
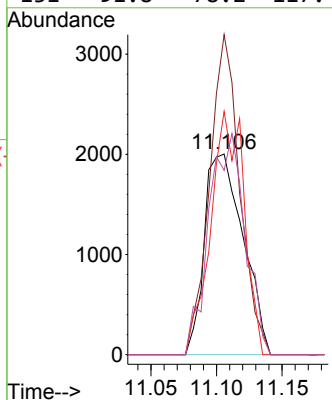


#64
Tetrachloroethene
Concen: 1.180 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

Instrument :
MSVOA_N
ClientSampleId :

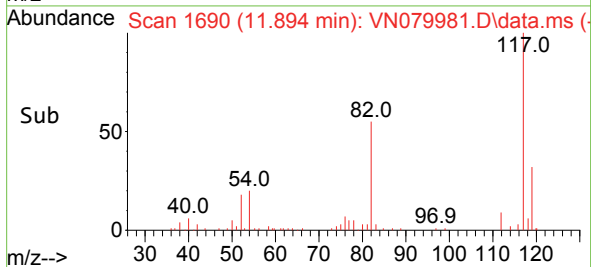
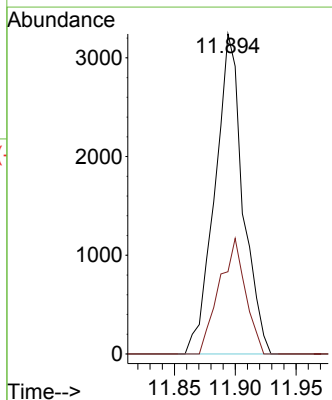
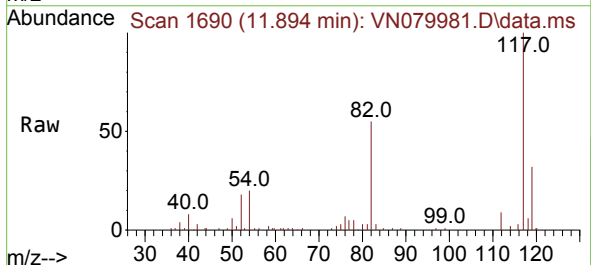


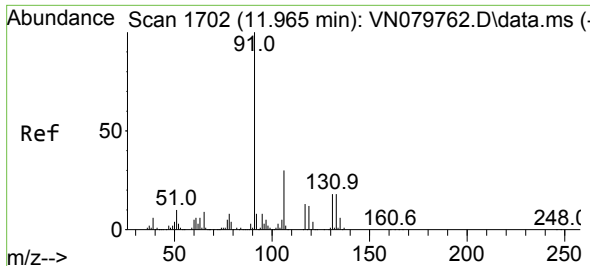
Tgt Ion:164 Resp: 4128
Ion Ratio Lower Upper
164 100
166 159.4 101.4 152.0#
129 121.2 82.4 123.6
131 91.8 78.2 117.4



#65
Chlorobenzene
Concen: 0.444 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

Tgt Ion:112 Resp: 5199
Ion Ratio Lower Upper
112 100
114 25.7 25.0 37.4

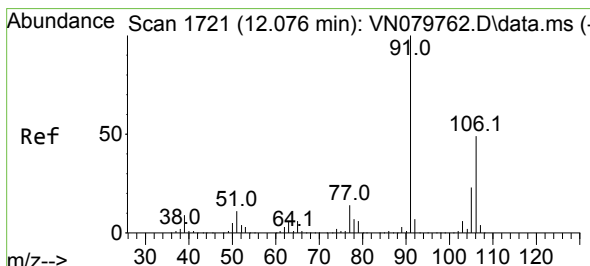
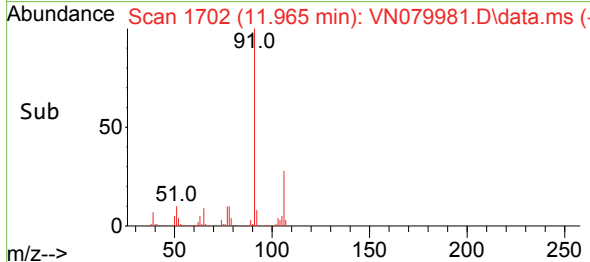
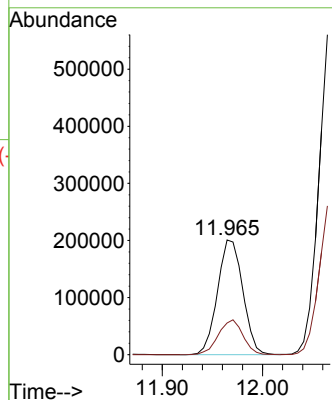
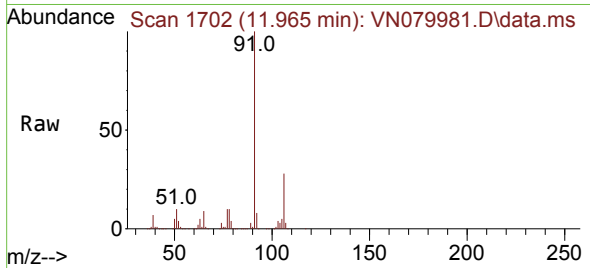




#67
Ethyl Benzene
Concen: 17.216 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

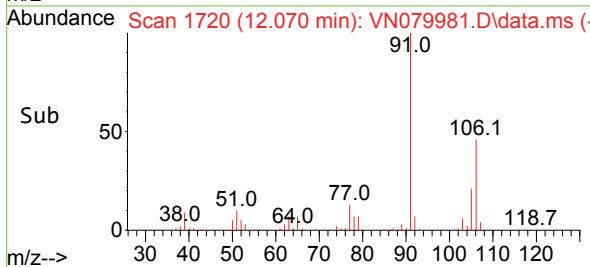
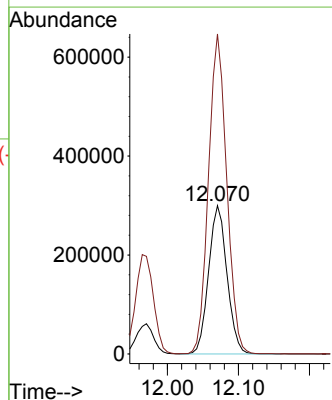
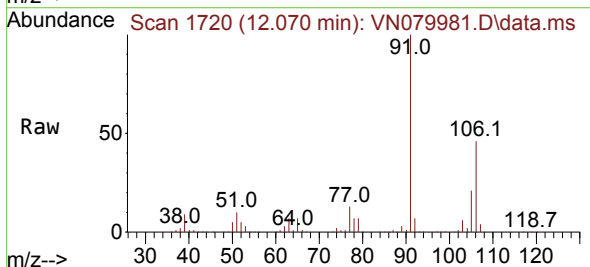
Instrument :
MSVOA_N
ClientSampleId :

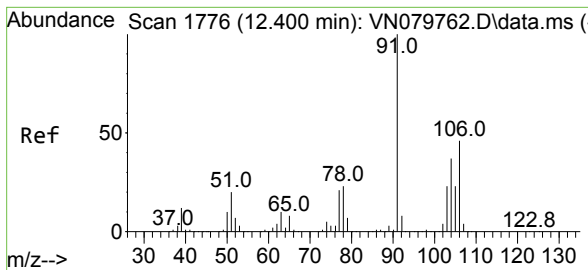
Tgt Ion: 91 Resp: 351387
Ion Ratio Lower Upper
91 100
106 27.6 25.6 38.4



#68
m/p-Xylenes
Concen: 71.005 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

Tgt Ion:106 Resp: 539879
Ion Ratio Lower Upper
106 100
91 213.5 159.6 239.4

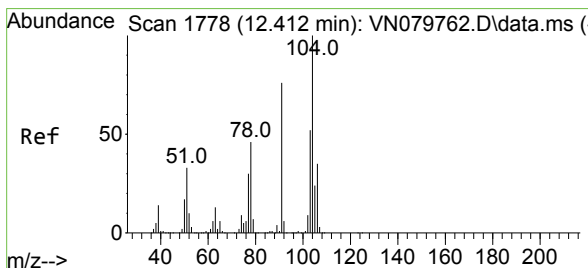
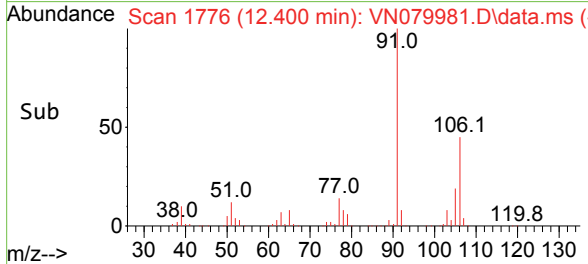
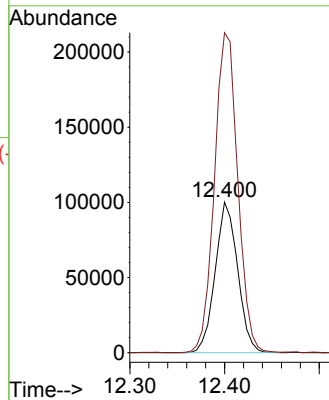
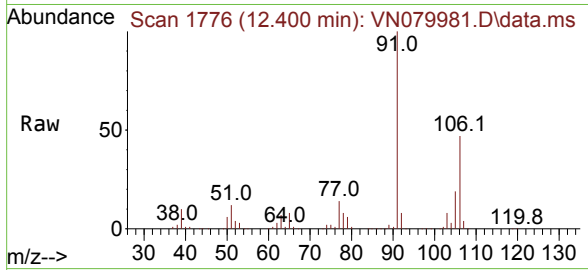




#69
o-Xylene
Concen: 22.498 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

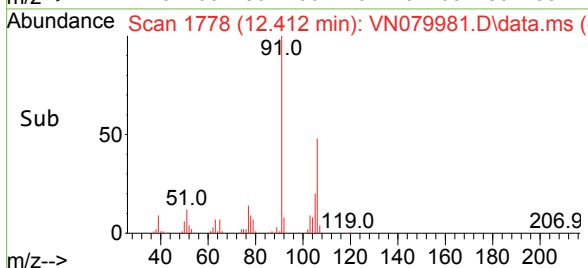
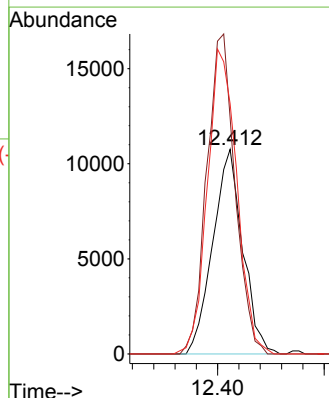
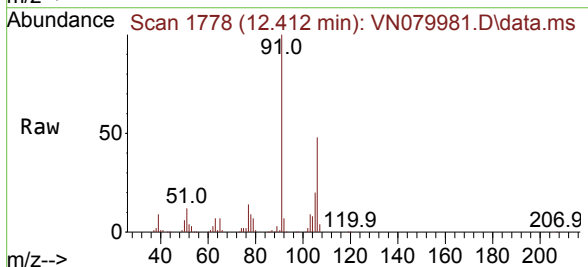
Instrument :
MSVOA_N
ClientSampleId :

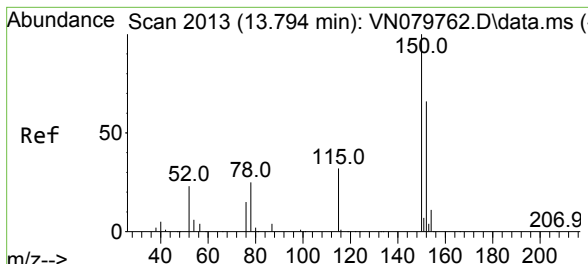
Tgt Ion:106 Resp: 164722
Ion Ratio Lower Upper
106 100
91 221.2 105.2 315.5



#70
Styrene
Concen: 1.782 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

Tgt Ion:104 Resp: 20968
Ion Ratio Lower Upper
104 100
78 147.3 39.5 59.3#
103 146.3 43.2 64.8#

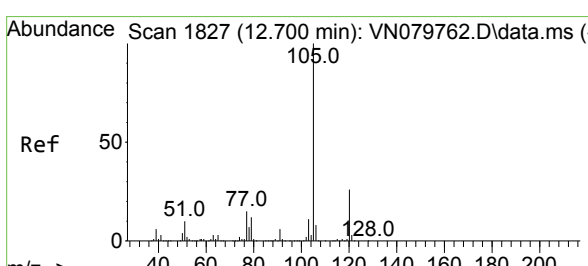
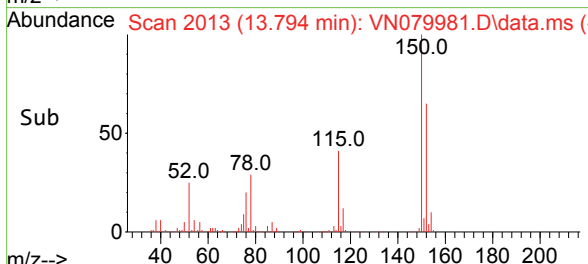
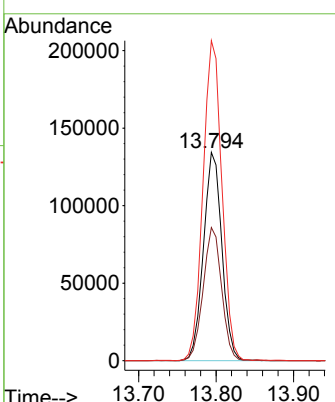
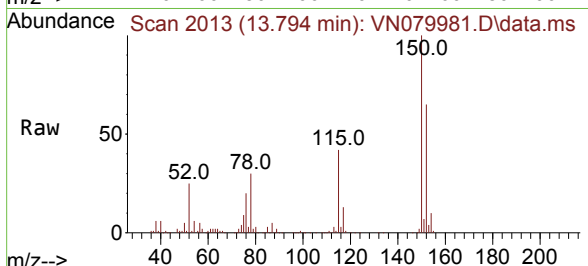




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN079981.D
 Acq: 07 Nov 2023 21:45

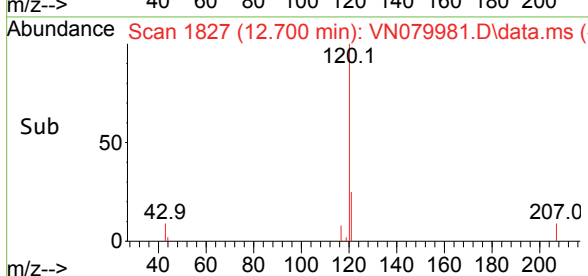
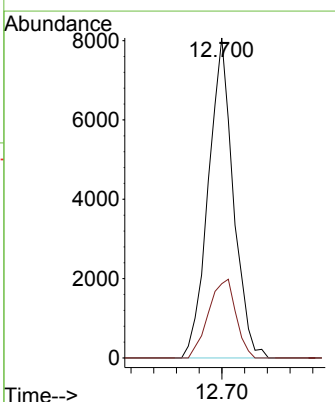
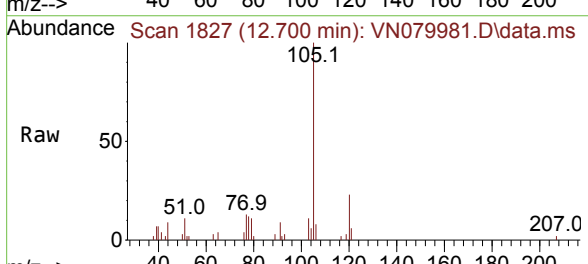
Instrument :
 MSVOA_N
 ClientSampleId :

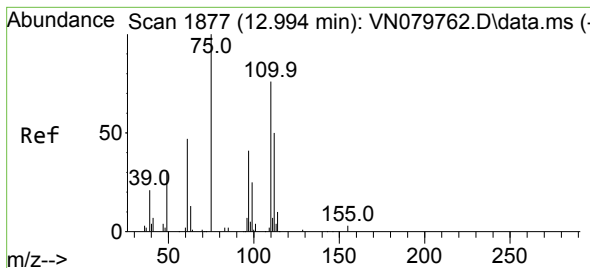
Tgt Ion:	152	Resp:	222132
Ion Ratio	Lower	Upper	
152	100		
115	64.0	32.3	96.8
150	157.4	0.0	355.8



#73
 Isopropylbenzene
 Concen: 0.730 ug/l
 RT: 12.700 min Scan# 1827
 Delta R.T. 0.000 min
 Lab File: VN079981.D
 Acq: 07 Nov 2023 21:45

Tgt Ion:	105	Resp:	12305
Ion Ratio	Lower	Upper	
105	100		
120	26.9	13.1	39.1





#76

1,2,3-Trichloropropane

Concen: 27.110 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079981.D

Acq: 07 Nov 2023 21:45

Instrument :

MSVOA_N

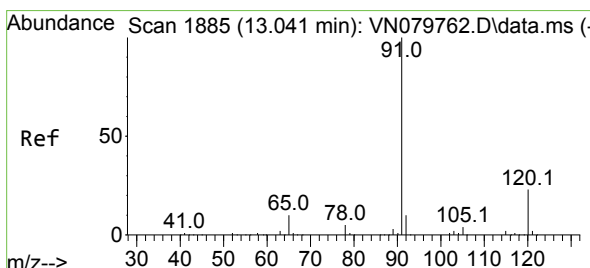
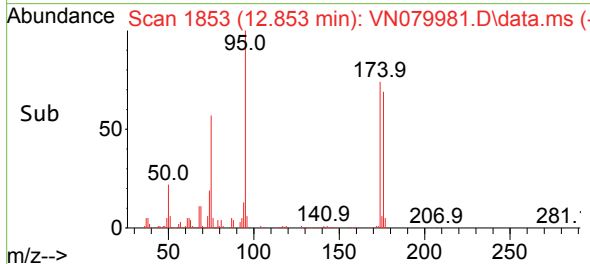
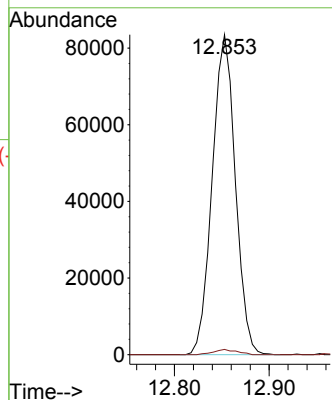
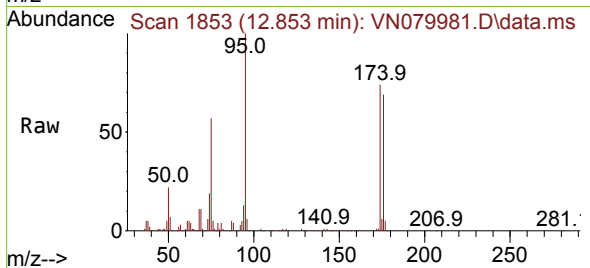
ClientSampleId :

Tgt Ion: 75 Resp: 141379

Ion Ratio Lower Upper

75 100

77 1.7 84.5 253.5#



#78

n-propylbenzene

Concen: 1.230 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079981.D

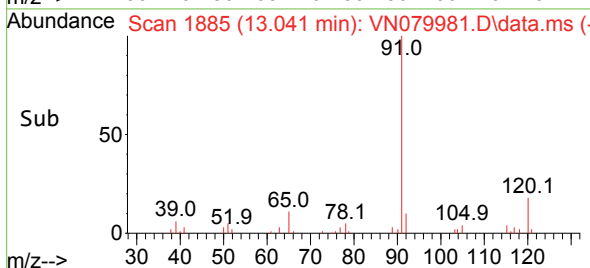
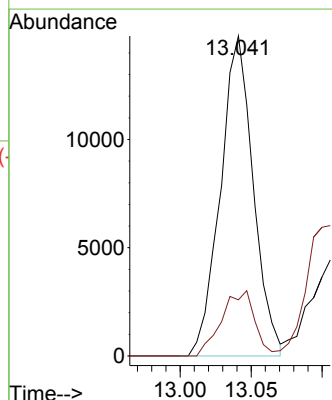
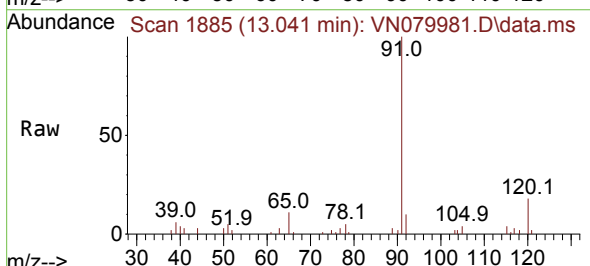
Acq: 07 Nov 2023 21:45

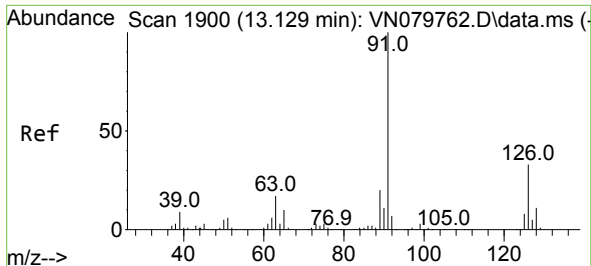
Tgt Ion: 91 Resp: 23753

Ion Ratio Lower Upper

91 100

120 20.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 1.807 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079981.D

Acq: 07 Nov 2023 21:45

Instrument :

MSVOA_N

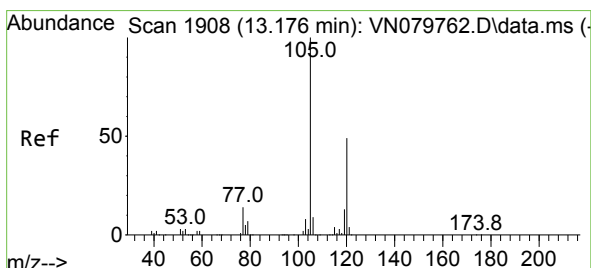
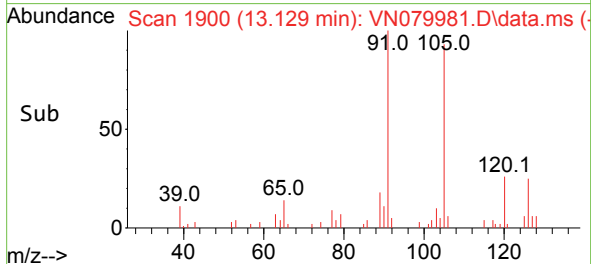
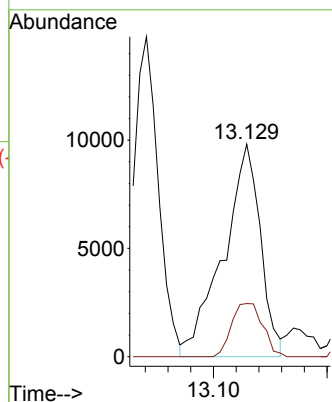
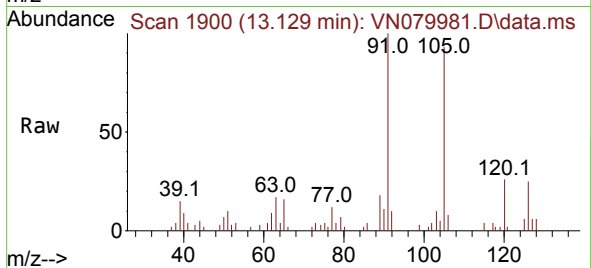
ClientSampleId :

Tgt Ion: 91 Resp: 22280

Ion Ratio Lower Upper

91 100

126 21.1 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.955 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079981.D

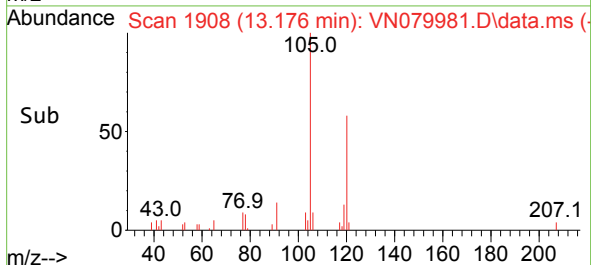
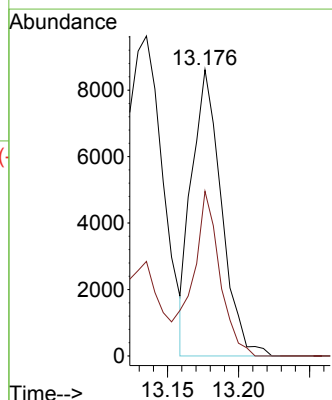
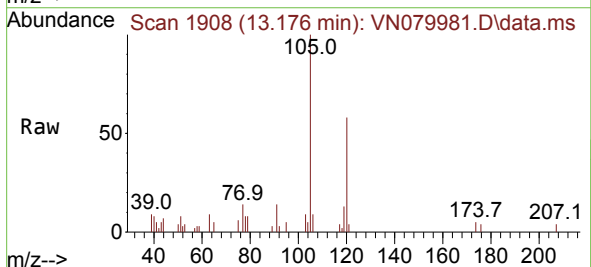
Acq: 07 Nov 2023 21:45

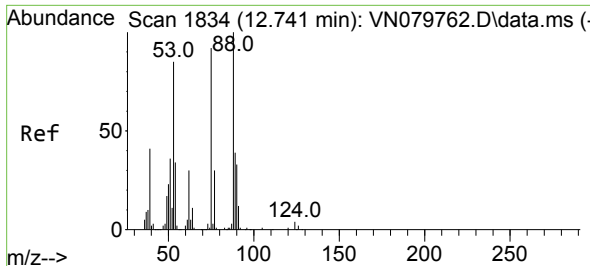
Tgt Ion: 105 Resp: 12521

Ion Ratio Lower Upper

105 100

120 52.3 24.1 72.3

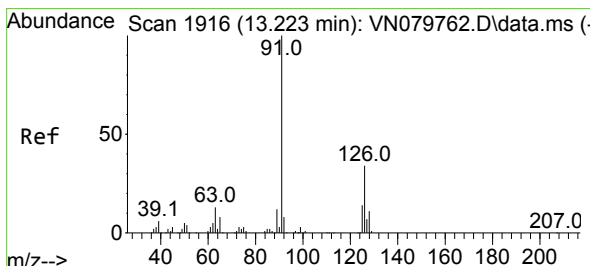
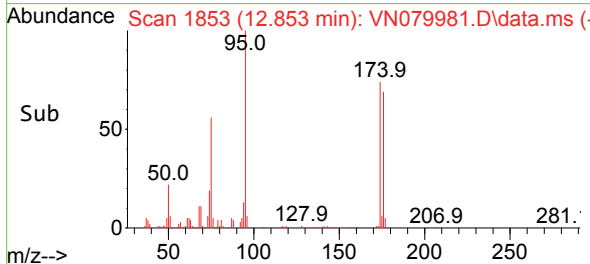
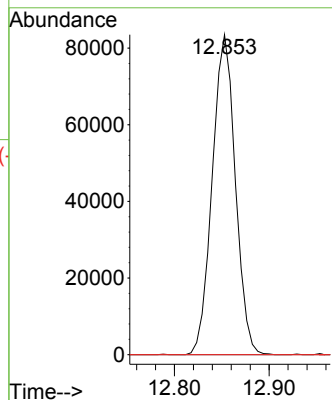
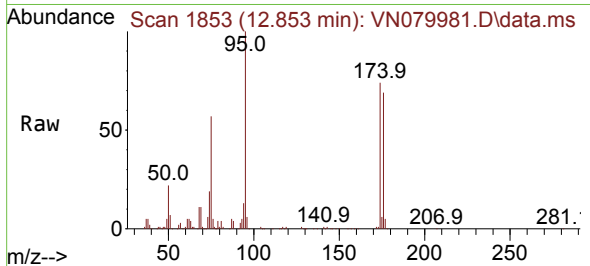




#81
trans-1,4-Dichloro-2-butene
Concen: 73.760 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

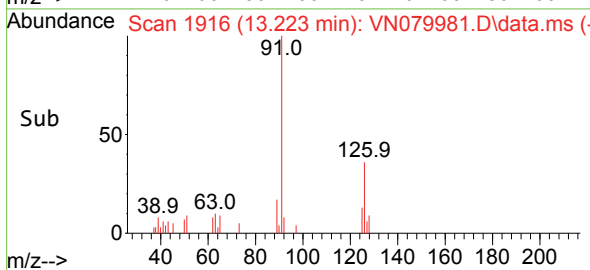
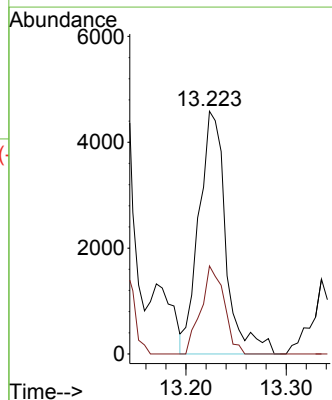
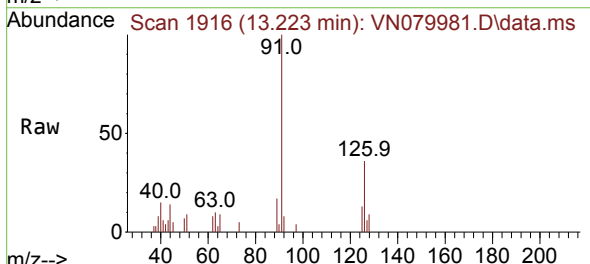
Instrument :
MSVOA_N
ClientSampleId :

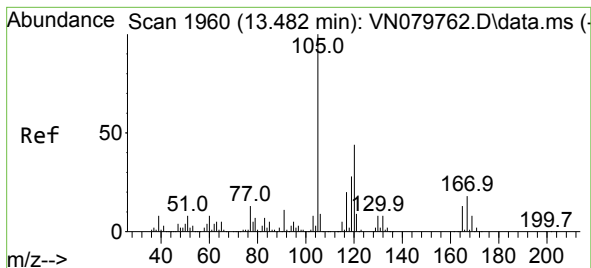
Tgt Ion: 75 Resp: 141379
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.700 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

Tgt Ion: 91 Resp: 8581
Ion Ratio Lower Upper
91 100
126 31.2 16.7 50.0





#84

1,2,4-Trimethylbenzene

Concen: 2.881 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN079981.D

Acq: 07 Nov 2023 21:45

Instrument :

MSVOA_N

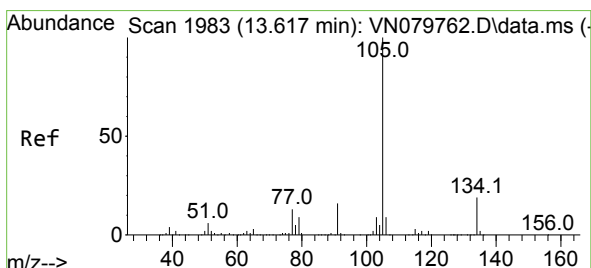
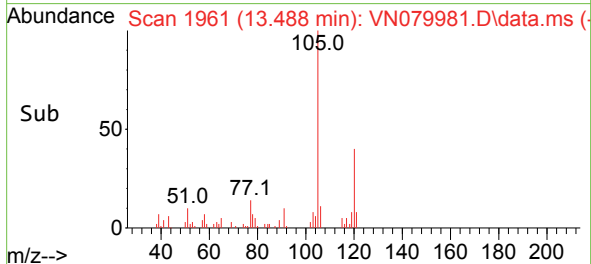
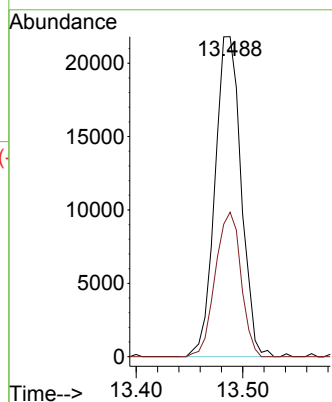
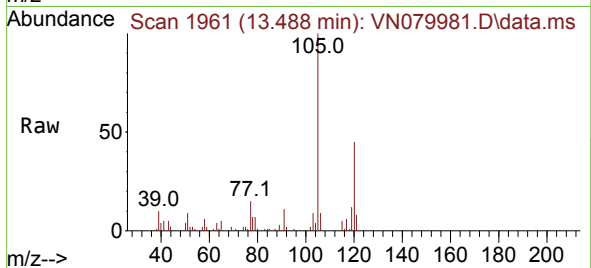
ClientSampleId :

Tgt Ion:105 Resp: 37180

Ion Ratio Lower Upper

105 100

120 44.2 22.0 66.0



#85

sec-Butylbenzene

Concen: 0.212 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.006 min

Lab File: VN079981.D

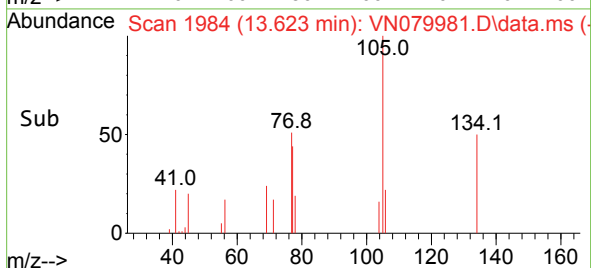
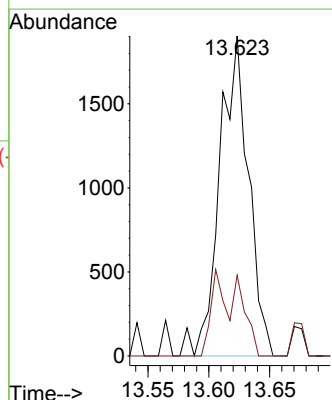
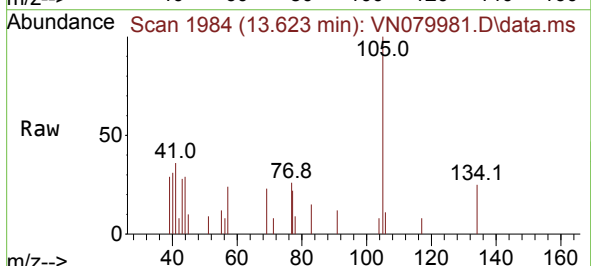
Acq: 07 Nov 2023 21:45

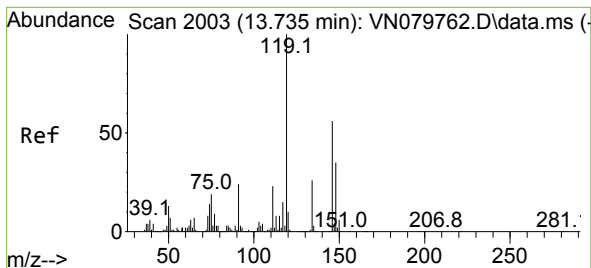
Tgt Ion:105 Resp: 3148

Ion Ratio Lower Upper

105 100

134 13.8 9.8 29.3





#87

1,3-Dichlorobenzene

Concen: 0.237 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079981.D

Acq: 07 Nov 2023 21:45

Instrument :

MSVOA_N

ClientSampleId :

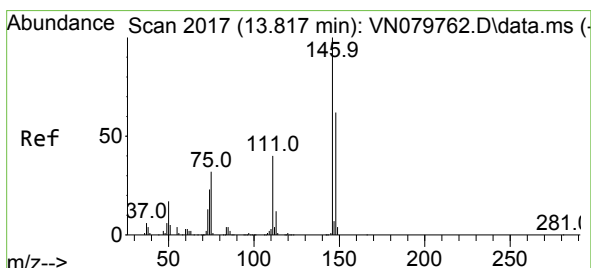
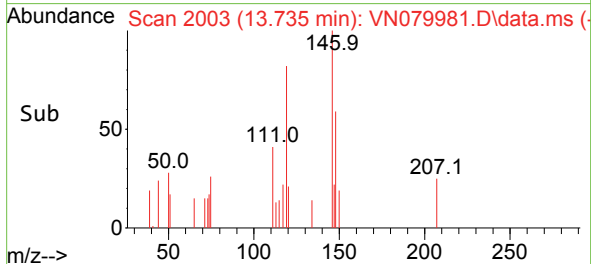
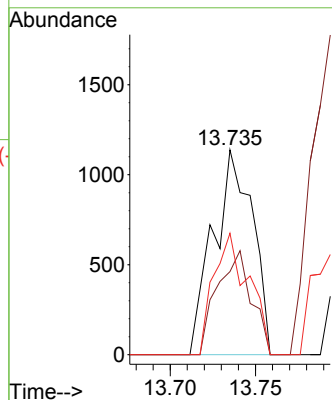
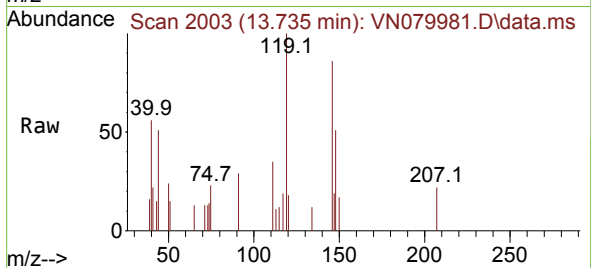
Tgt Ion:146 Resp: 1818

Ion Ratio Lower Upper

146 100

111 44.5 22.1 66.3

148 52.8 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.233 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.082 min

Lab File: VN079981.D

Acq: 07 Nov 2023 21:45

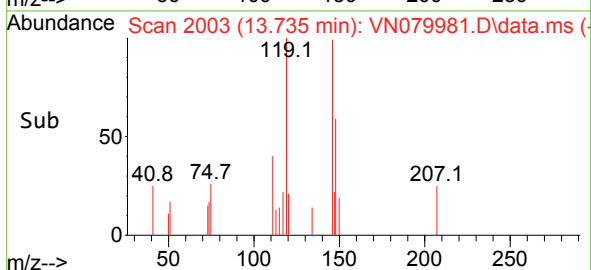
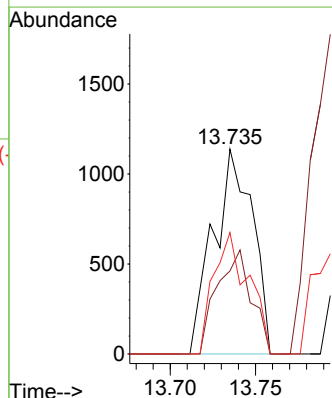
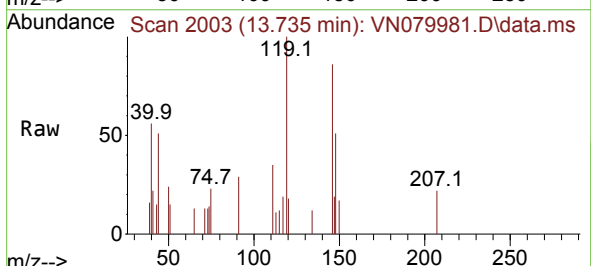
Tgt Ion:146 Resp: 1818

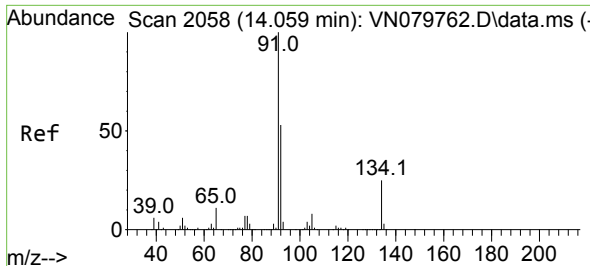
Ion Ratio Lower Upper

146 100

111 44.5 20.6 61.8

148 52.8 31.6 94.8

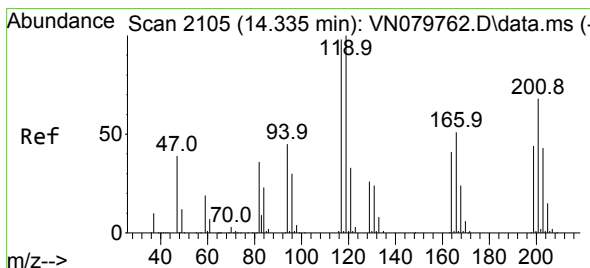
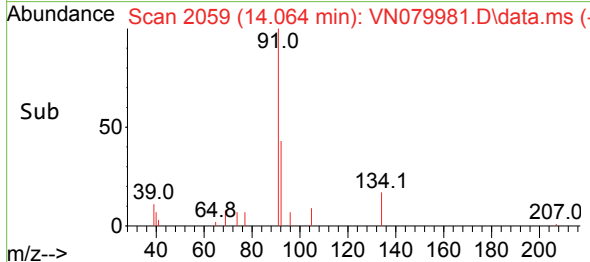
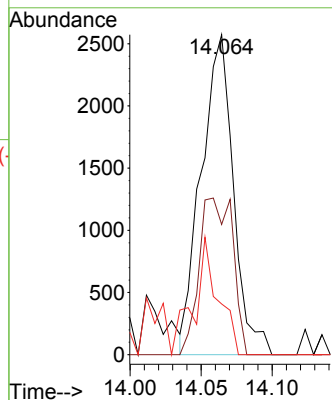
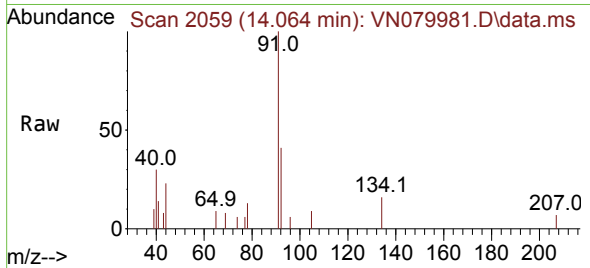




#89
n-Butylbenzene
Concen: 0.388 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

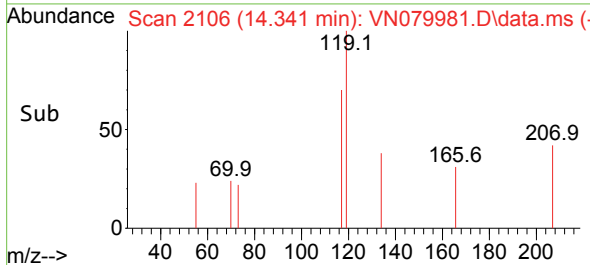
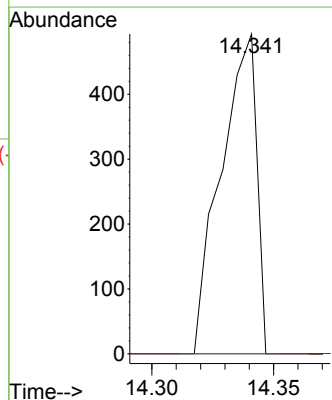
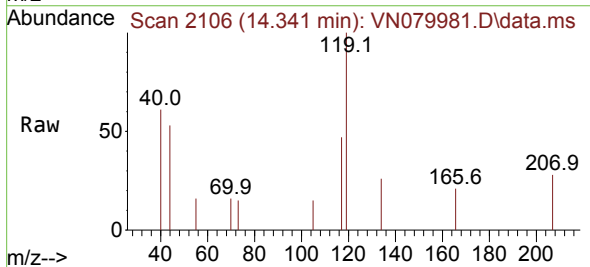
Instrument :
MSVOA_N
ClientSampleId :

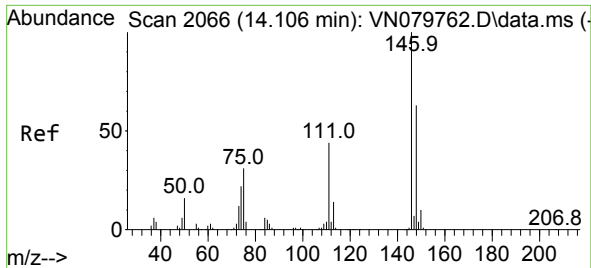
Tgt Ion: 91 Resp: 4049
Ion Ratio Lower Upper
91 100
92 51.1 26.4 79.0
134 27.6 12.6 37.6



#90
Hexachloroethane
Concen: 0.209 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

Tgt Ion: 117 Resp: 502
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#





#91

1,2-Dichlorobenzene

Concen: 0.232 ug/l

RT: 14.112 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN079981.D

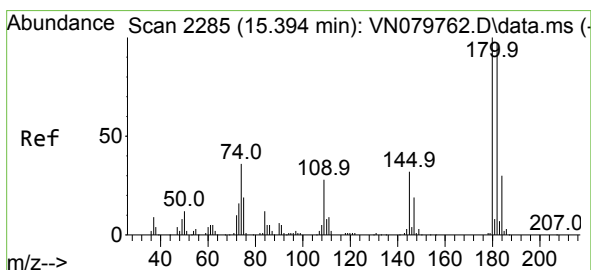
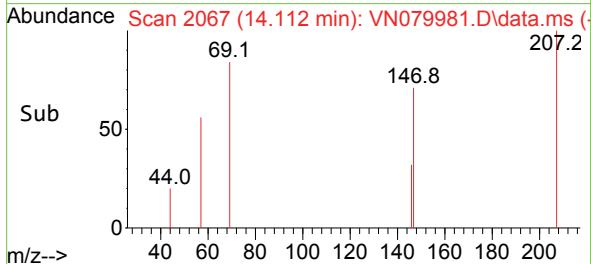
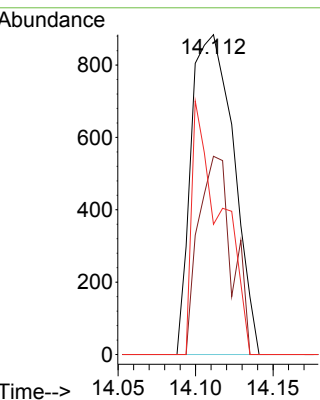
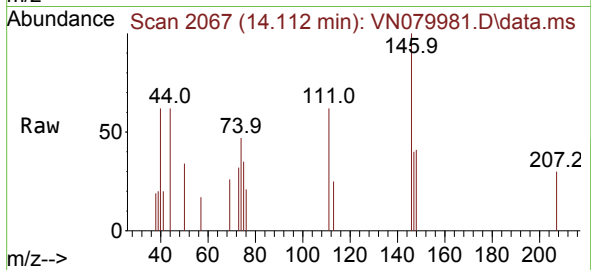
Acq: 07 Nov 2023 21:45

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	146	Resp:	1678
Ion Ratio	Lower	Upper	
146	100		
111	49.1	22.0	66.0
148	55.0	31.8	95.3



#93

1,2,4-Trichlorobenzene

Concen: 0.587 ug/l

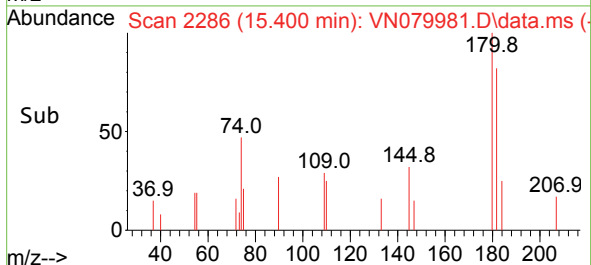
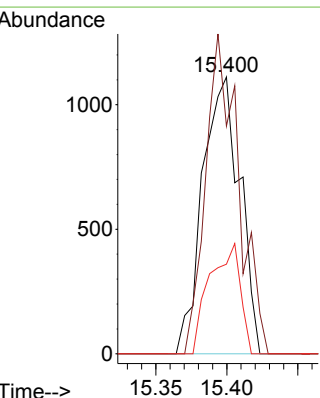
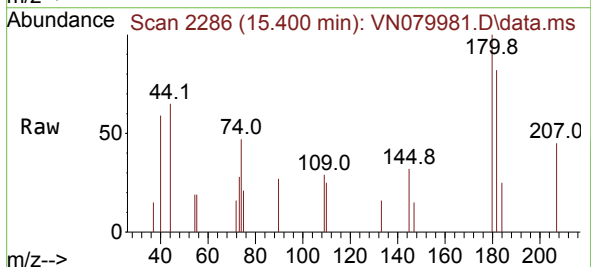
RT: 15.400 min Scan# 2286

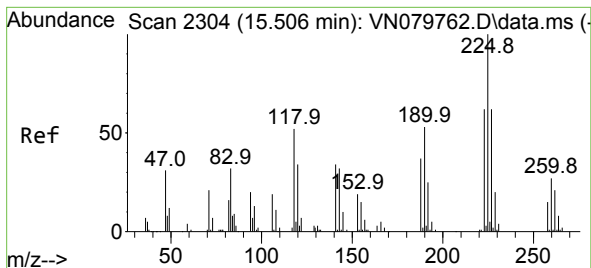
Delta R.T. 0.006 min

Lab File: VN079981.D

Acq: 07 Nov 2023 21:45

Tgt Ion:	180	Resp:	2024
Ion Ratio	Lower	Upper	
180	100		
182	102.0	46.1	138.2
145	32.7	16.6	49.8





#94

Hexachlorobutadiene

Concen: 0.663 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079981.D

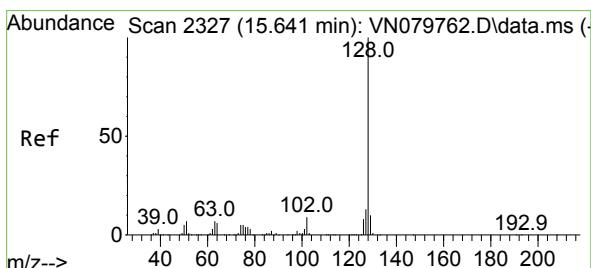
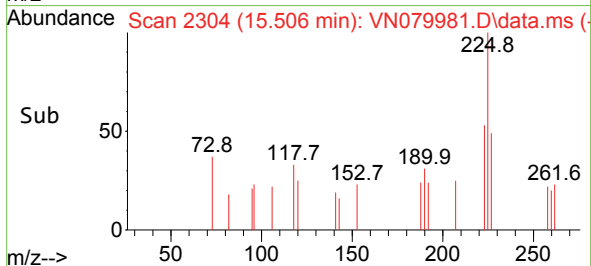
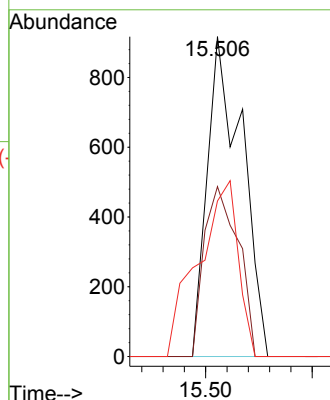
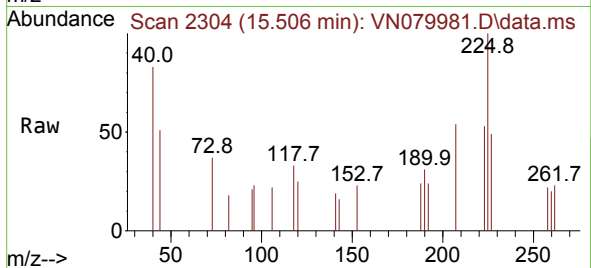
Acq: 07 Nov 2023 21:45

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	225	Resp:	1036
Ion Ratio	Lower	Upper	
225	100		
223	52.3	31.3	93.8
227	63.6	31.9	95.9



#95

Naphthalene

Concen: 1.290 ug/l

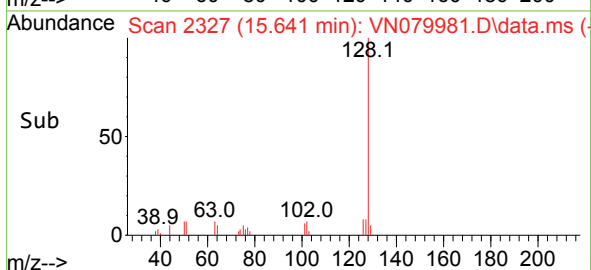
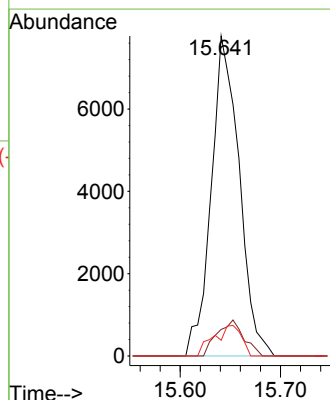
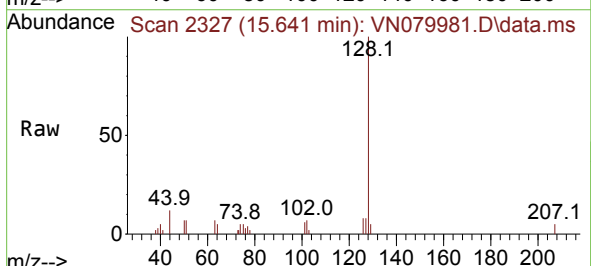
RT: 15.641 min Scan# 2327

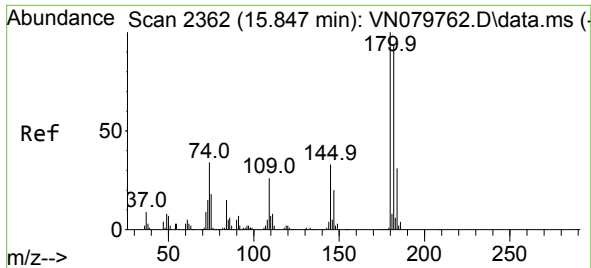
Delta R.T. 0.000 min

Lab File: VN079981.D

Acq: 07 Nov 2023 21:45

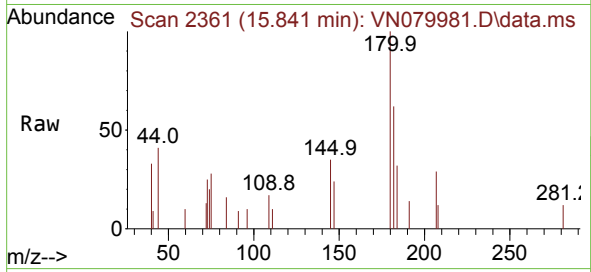
Tgt Ion:	128	Resp:	15077
Ion Ratio	Lower	Upper	
128	100		
127	10.6	10.0	15.0
129	9.4	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.901 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN079981.D
 Acq: 07 Nov 2023 21:45

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	3045
Ion	Ratio	Lower	Upper
180	100		
182	76.8	46.2	138.6
145	42.3	17.5	52.6

