

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079519.D
 Acq On : 11 Oct 2023 16:00
 Operator : JC\MD
 Sample : 04823-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 12 06:10:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	467420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	884788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	842265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	353228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	360042	47.506	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.020%		
35) Dibromofluoromethane	8.171	113	300093	47.196	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.400%		
50) Toluene-d8	10.571	98	1047479	45.530	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.060%		
62) 4-Bromofluorobenzene	12.853	95	405992	54.988	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.980%		
Target Compounds						
					Qvalue	
6) Chloroethane	2.989	64	1461	0.223	ug/l #	43
11) Tert butyl alcohol	5.542	59	8124	7.122	ug/l	98
13) Acrolein	4.224	56	347680	306.111	ug/l #	16
16) Acetone	4.436	43	6898211	2294.794	ug/l #	68
18) Methyl Acetate	5.036	43	19119	1.299	ug/l #	84
20) Methylene Chloride	5.271	84	1619	Below Cal	#	81
22) Diisopropyl ether	6.806	45	1733535	86.745	ug/l #	1
23) Vinyl Acetate	6.806	43	4207650	374.309	ug/l #	62
25) 2-Butanone	7.494	43	155180	34.781	ug/l #	80
31) Cyclohexane	8.224	56	14659	1.364	ug/l #	46
36) 1,1-Dichloropropene	8.230	75	42591	4.463	ug/l #	48
37) Ethyl Acetate	7.494	43	155180	16.342	ug/l #	63
38) Carbon Tetrachloride	8.230	117	51013	5.340	ug/l #	15
40) Benzene	8.606	78	1516727	53.517	ug/l	99
41) Methacrylonitrile	7.788	41	2112	0.423	ug/l #	28
43) Isopropyl Acetate	8.735	43	18123	1.089	ug/l #	49
45) 1,2-Dichloropropane	9.606	63	7901	1.058	ug/l #	1
48) Methyl methacrylate	9.659	41	86363	12.115	ug/l #	31
49) 1,4-Dioxane	9.712	88	60	0.457	ug/l #	30
52) Toluene	10.635	92	1436484	86.106	ug/l	97
53) t-1,3-Dichloropropene	10.806	75	2868	0.286	ug/l #	59
55) 1,1,2-Trichloroethane	10.894	97	6664	0.995	ug/l #	18
56) Ethyl methacrylate	10.835	69	14577	1.584	ug/l #	32
57) 1,3-Dichloropropane	11.206	76	3447	0.298	ug/l #	42
59) 2-Hexanone	11.300	43	6480	0.956	ug/l	85
67) Ethyl Benzene	11.971	91	360572	11.060	ug/l	94
68) m/p-Xylenes	12.071	106	495803	41.854	ug/l	92
69) o-Xylene	12.400	106	217842	18.699	ug/l	90
70) Styrene	12.418	104	135935	7.387	ug/l #	77
71) Bromoform	12.853	173	2580	0.513	ug/l #	1
73) Isopropylbenzene	12.694	105	17973	0.547	ug/l	95
74) N-amyl acetate	12.453	43	20724	1.538	ug/l #	36
75) 1,1,2,2-Tetrachloroethane	12.800	83	905370	86.238	ug/l #	32
76) 1,2,3-Trichloropropane	12.853	75	222538	21.851	ug/l #	1
78) n-propylbenzene	13.035	91	34832	0.937	ug/l	97
79) 2-Chlorotoluene	13.100	91	14324	0.602	ug/l #	44

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 Response via : Initial Calibration

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

80) 1,3,5-Trimethylbenzene	13.176	105	61433	2.371	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.853	75	222538	63.400	ug/l #	15
82) 4-Chlorotoluene	13.176	91	7214	0.319	ug/l #	41
83) tert-Butylbenzene	13.676	119	5449	0.257	ug/l	70
84) 1,2,4-Trimethylbenzene	13.488	105	225622	9.123	ug/l	94
85) sec-Butylbenzene	13.488	105	225622	7.619	ug/l #	57
86) p-Isopropyltoluene	13.735	119	5991	0.264	ug/l	89
90) Hexachloroethane	14.329	117	1369	Below Cal	#	21
92) 1,2-Dibromo-3-Chloropr...	14.729	75	890	0.468	ug/l #	4
95) Naphthalene	15.647	128	4391001	372.438	ug/l	99

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

Instrument :

MSVOA N

ClientSampleId :

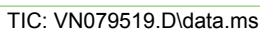
Quant Time: Oct 12 06:10:43 2023

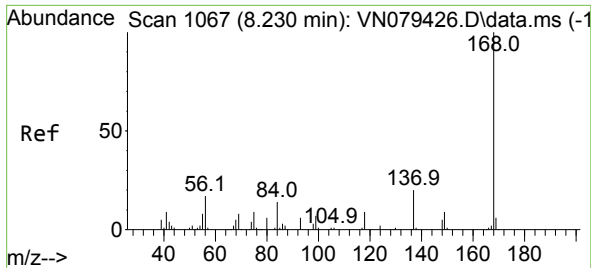
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M

Quant Title : SW846 8260

QLast Update : Fri Oct 06 03:34:49 2023

Response via : Initial Calibration

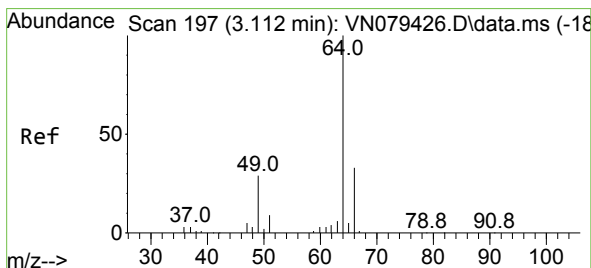
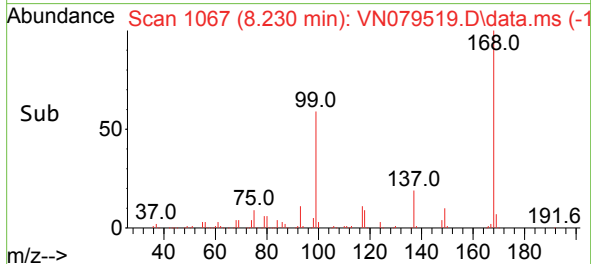
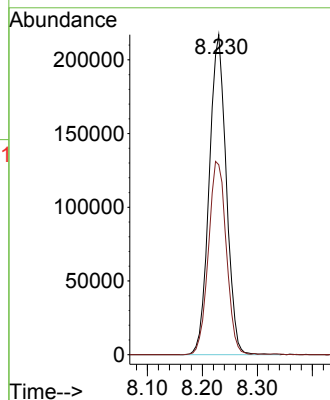
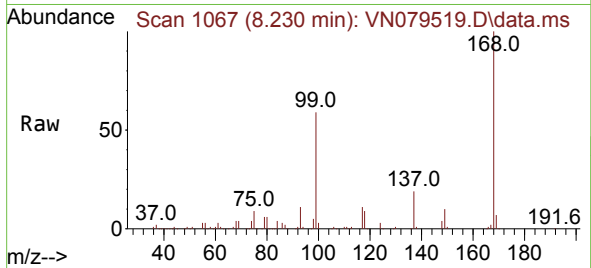




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

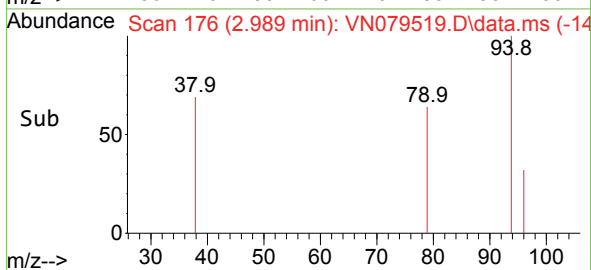
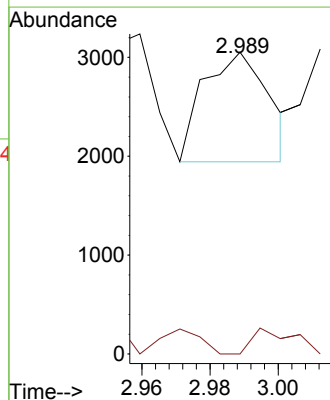
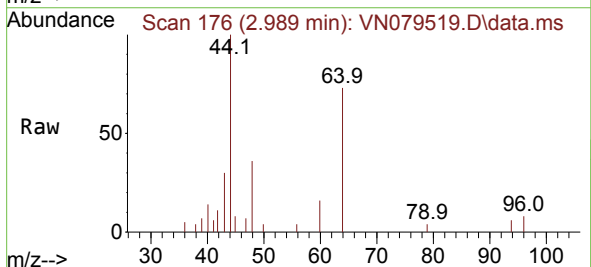
Instrument :
MSVOA_N
ClientSampleId :

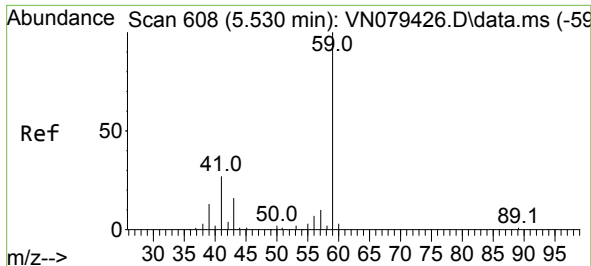
Tgt Ion:168 Resp: 467420
Ion Ratio Lower Upper
168 100
99 59.3 53.0 79.6



#6
Chloroethane
Concen: 0.223 ug/l
RT: 2.989 min Scan# 176
Delta R.T. -0.123 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

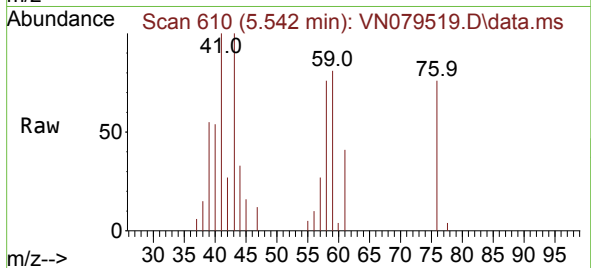
Tgt Ion: 64 Resp: 1461
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



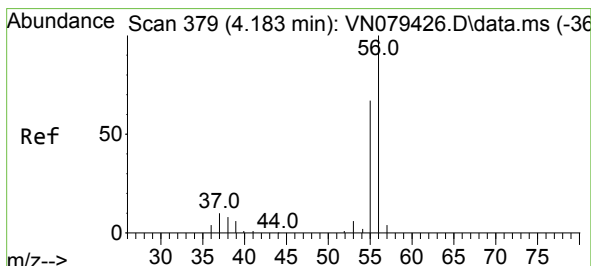
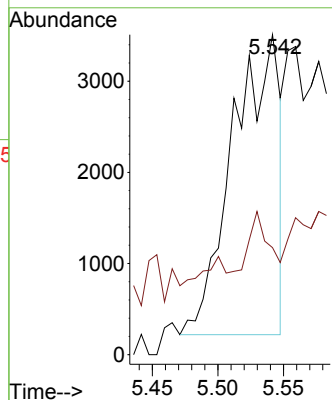
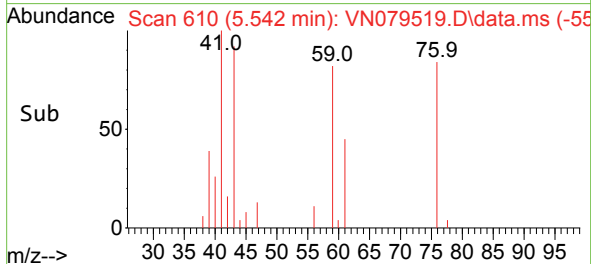


#11
Tert butyl alcohol
Concen: 7.122 ug/l
RT: 5.542 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :

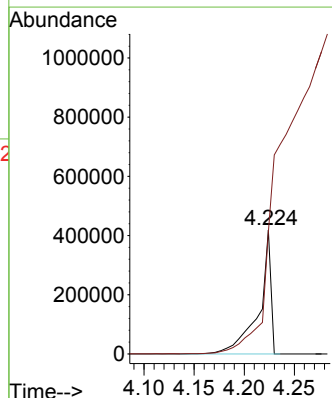
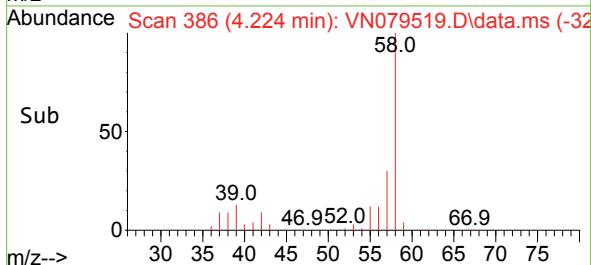
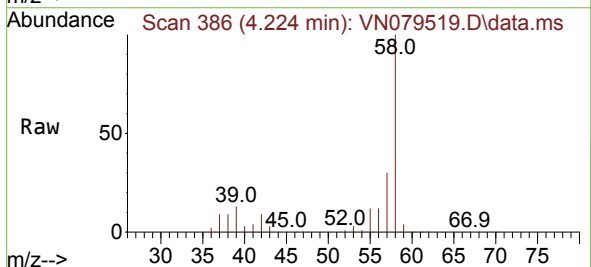


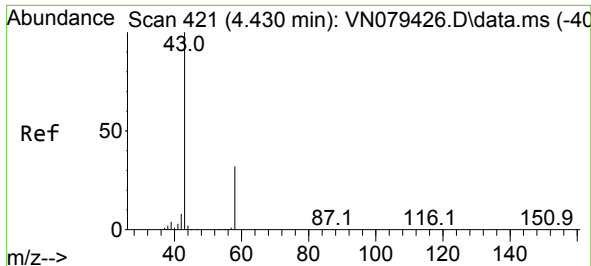
Tgt Ion: 59 Resp: 8124
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4



#13
Acrolein
Concen: 306.111 ug/l
RT: 4.224 min Scan# 386
Delta R.T. 0.041 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

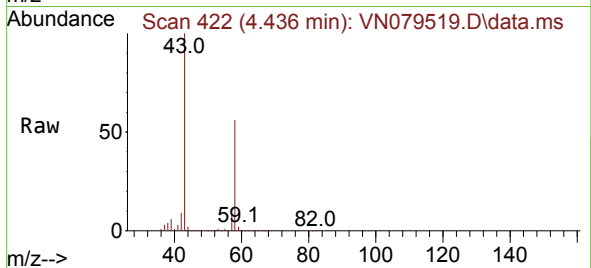
Tgt Ion: 56 Resp: 347680
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



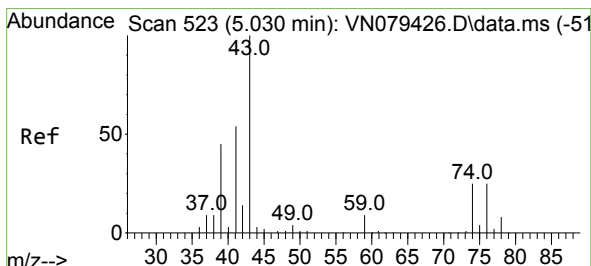
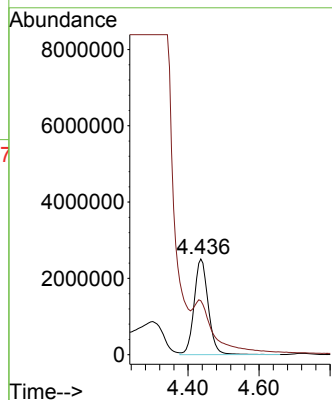
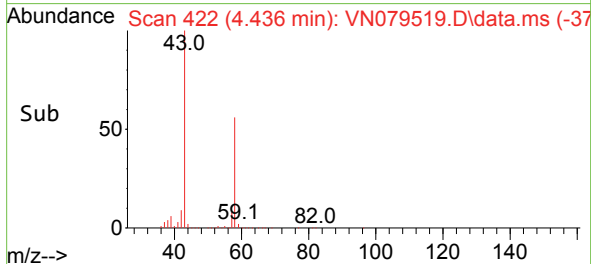


#16
Acetone
Concen: 2294.794 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :

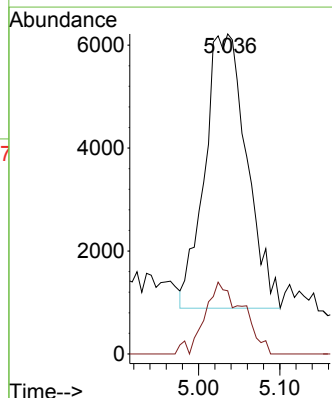
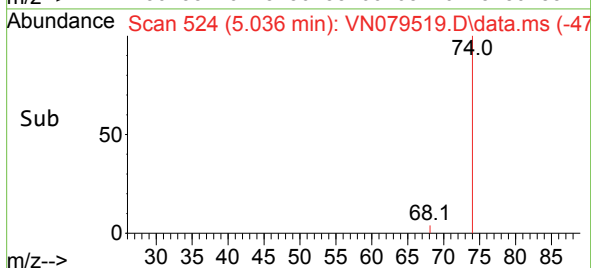
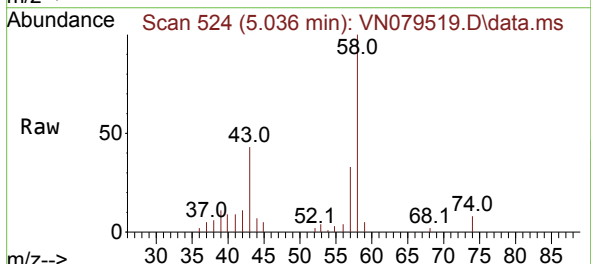


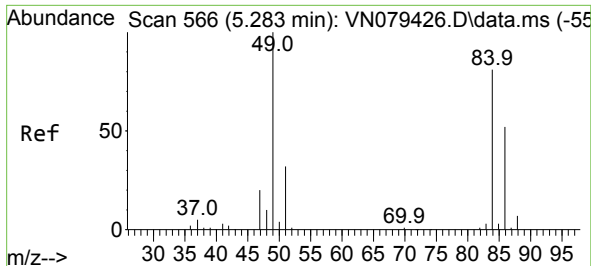
Tgt Ion: 43 Resp: 6898211
Ion Ratio Lower Upper
43 100
58 53.7 28.0 42.0#



#18
Methyl Acetate
Concen: 1.299 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

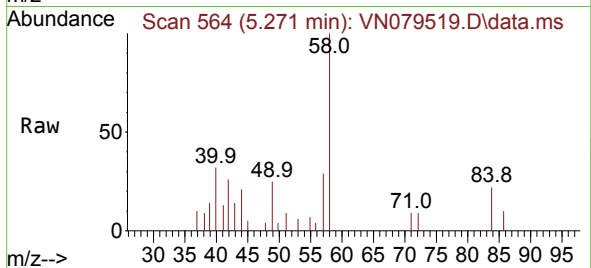
Tgt Ion: 43 Resp: 19119
Ion Ratio Lower Upper
43 100
74 23.9 26.2 39.4#





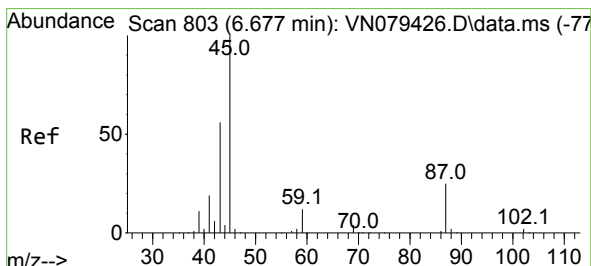
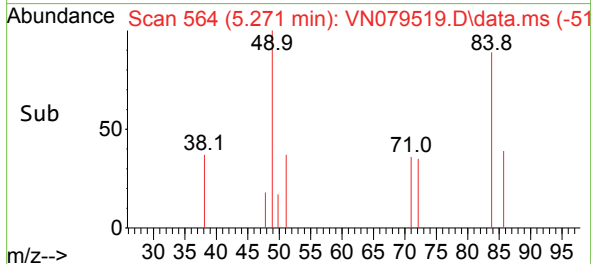
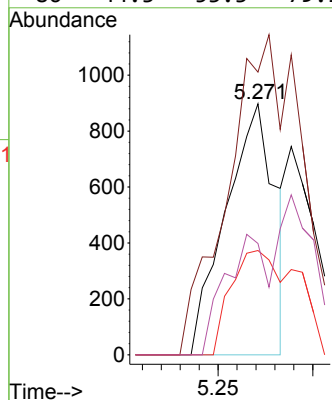
#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 1619

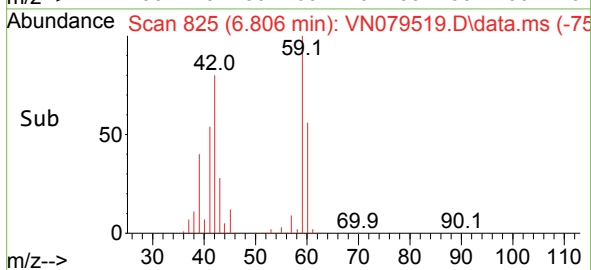
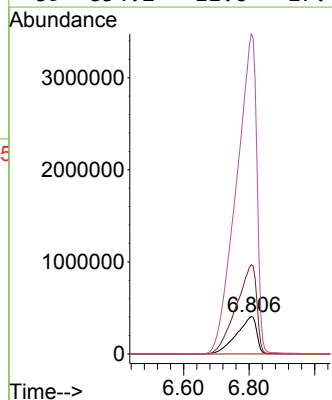
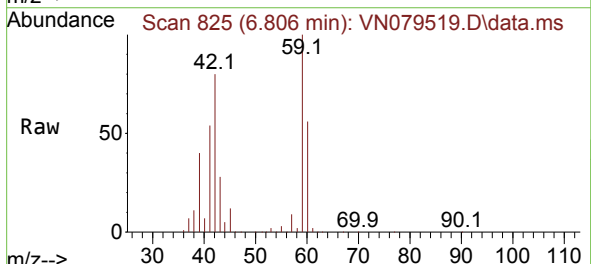
Ion	Ratio	Lower	Upper
84	100		
49	112.6	79.7	119.5
51	41.5	25.2	37.8#
86	44.3	53.3	79.9#

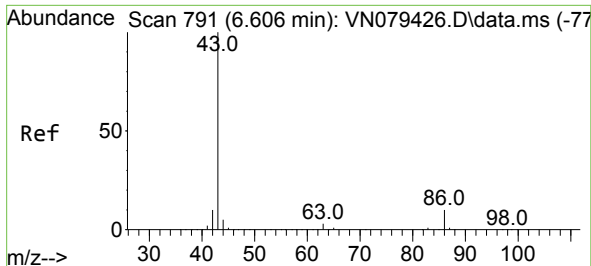


#22
Diisopropyl ether
Concen: 86.745 ug/l
RT: 6.806 min Scan# 825
Delta R.T. 0.129 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Tgt Ion: 45 Resp: 1733535

Ion	Ratio	Lower	Upper
45	100		
43	238.4	45.5	68.3#
87	0.0	31.8	47.8#
59	854.2	11.6	17.4#

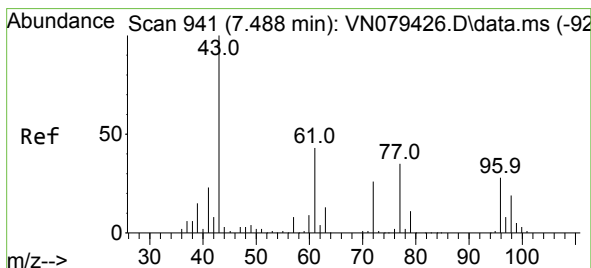
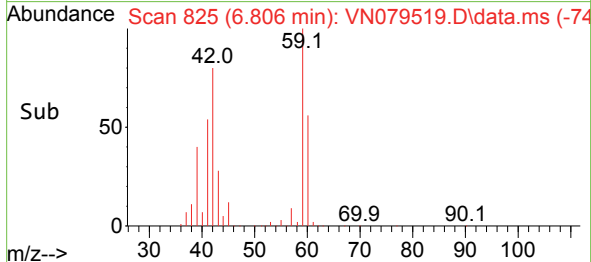
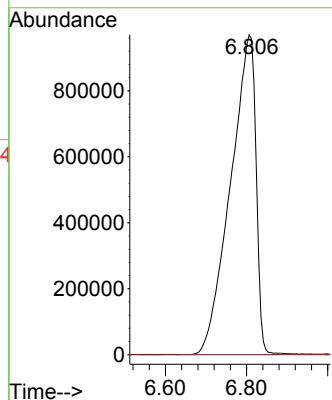
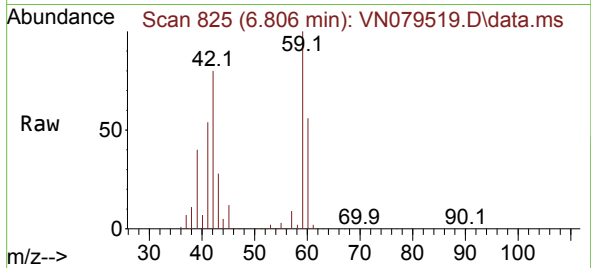




#23
 Vinyl Acetate
 Concen: 374.309 ug/l
 RT: 6.806 min Scan# 81
 Delta R.T. 0.200 min
 Lab File: VN079519.D
 Acq: 11 Oct 2023 16:00

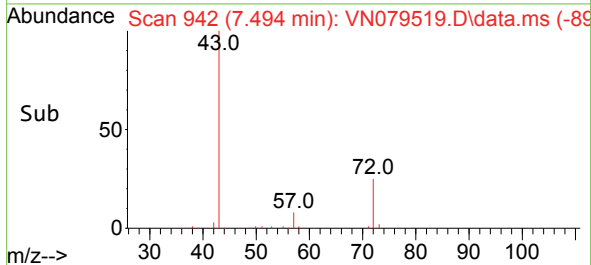
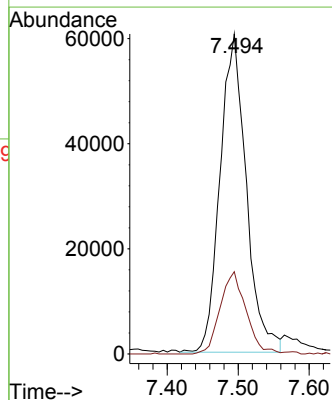
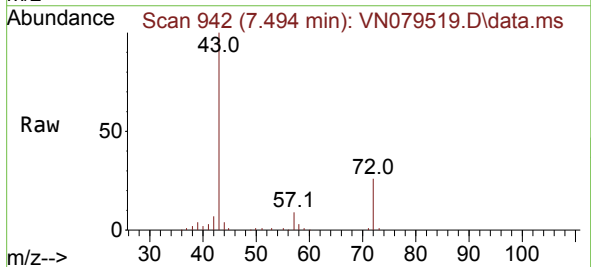
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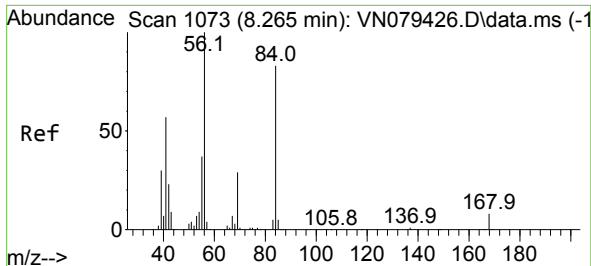
Tgt Ion: 43 Resp: 4207650
 Ion Ratio Lower Upper
 43 100
 86 0.0 13.0 19.6#



#25
 2-Butanone
 Concen: 34.781 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN079519.D
 Acq: 11 Oct 2023 16:00

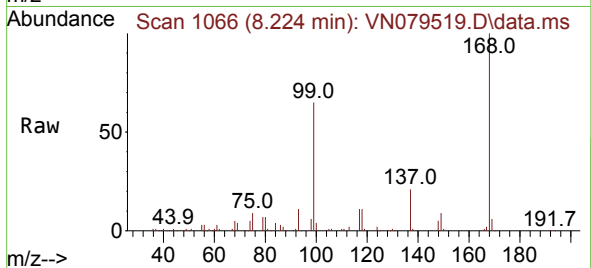
Tgt Ion: 43 Resp: 155180
 Ion Ratio Lower Upper
 43 100
 72 25.9 30.2 45.2#



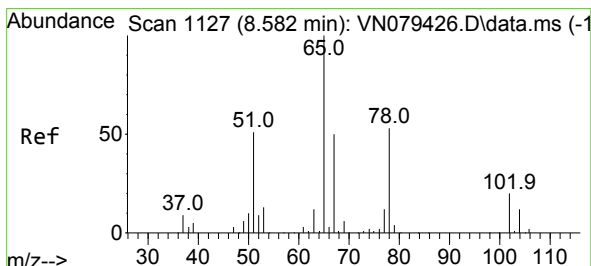
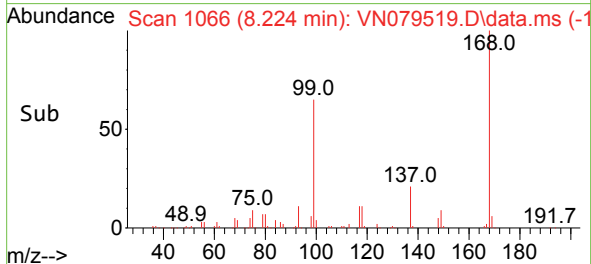
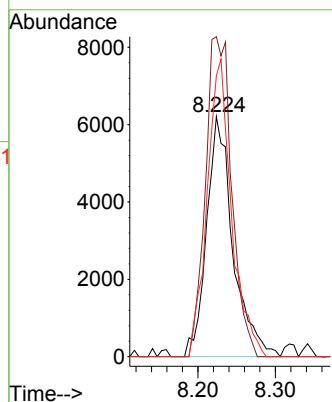


#31
Cyclohexane
Concen: 1.364 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :

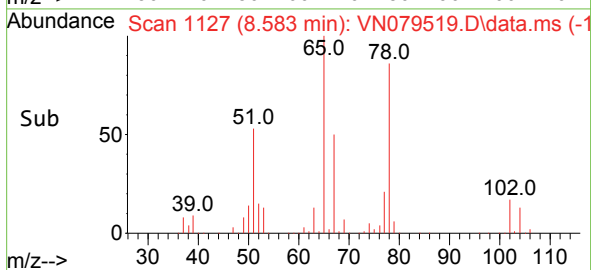
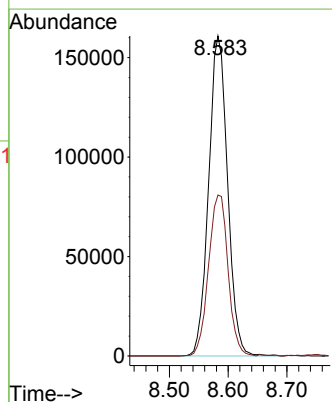
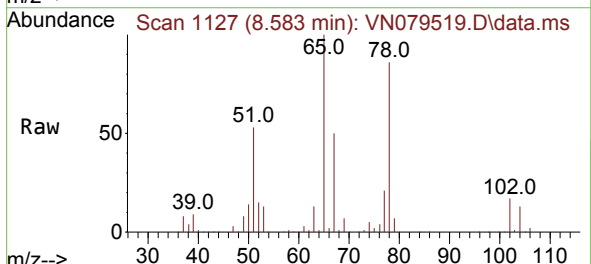


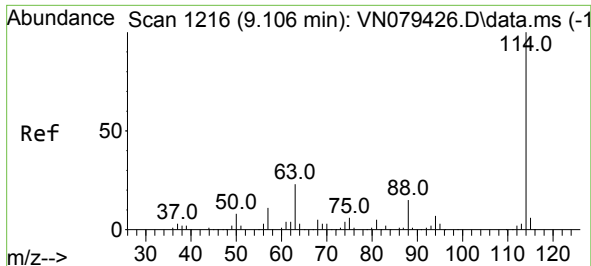
Tgt Ion: 56 Resp: 14659
Ion Ratio Lower Upper
56 100
69 133.4 26.8 40.2#
84 117.0 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 47.506 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Tgt Ion: 65 Resp: 360042
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6

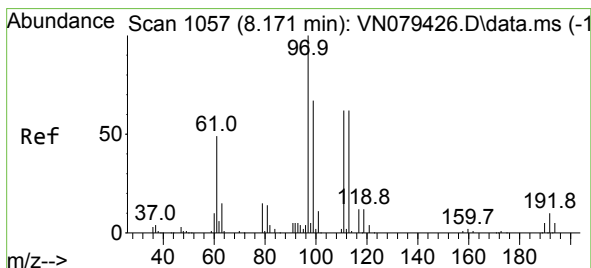
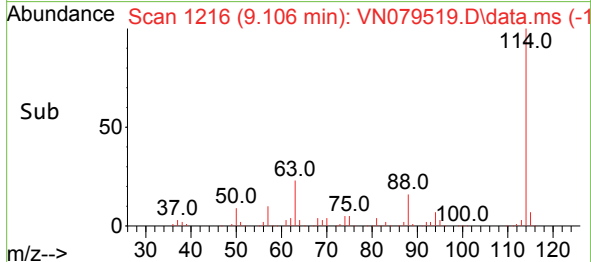
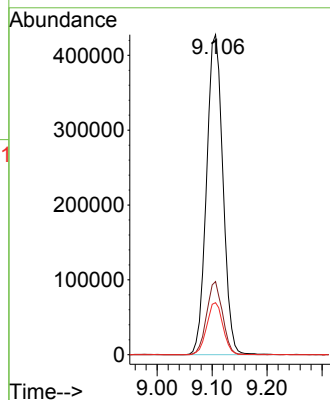
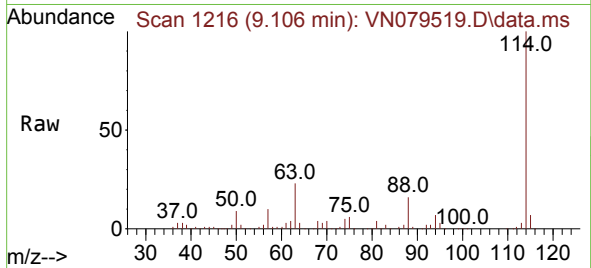




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

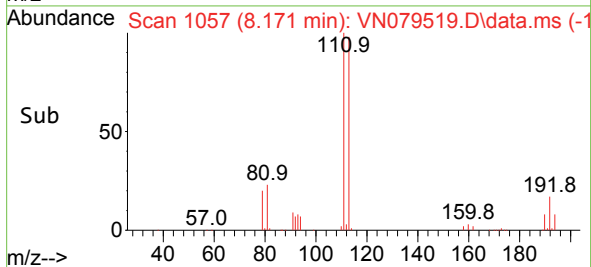
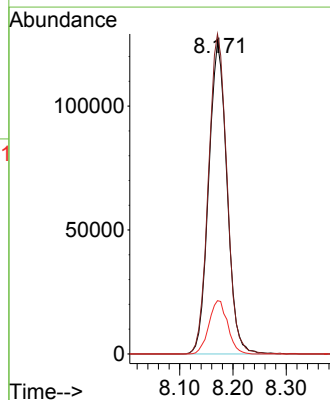
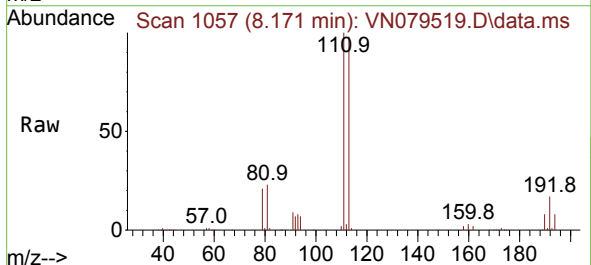
Instrument :
MSVOA_N
ClientSampleId :

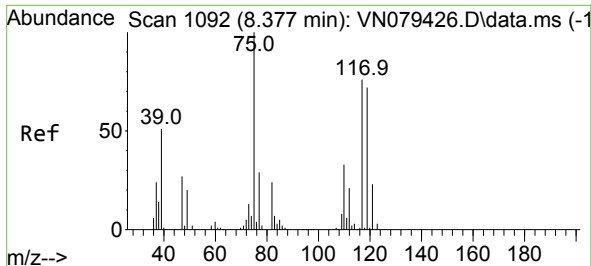
Tgt Ion:114 Resp: 884788
Ion Ratio Lower Upper
114 100
63 22.8 0.0 36.4
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.196 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

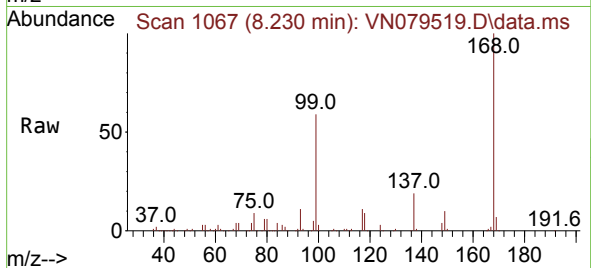
Tgt Ion:113 Resp: 300093
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 17.5 12.7 19.1



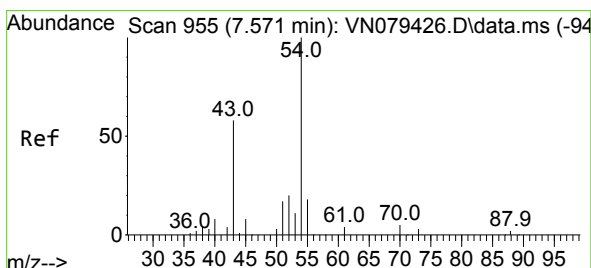
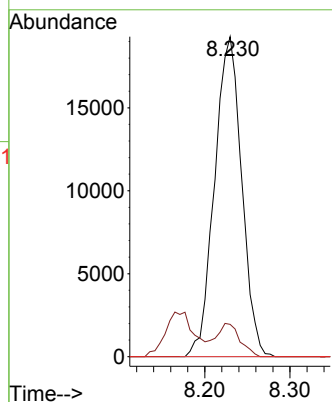
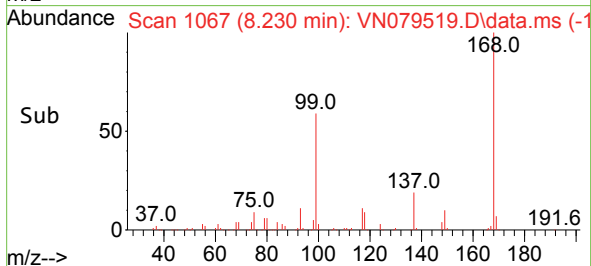


#36
1,1-Dichloropropene
Concen: 4.463 ug/l
RT: 8.230 min Scan# 1092
Delta R.T. -0.147 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :

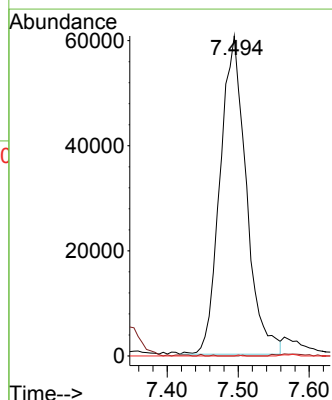
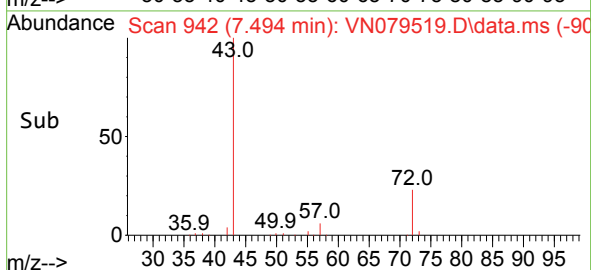
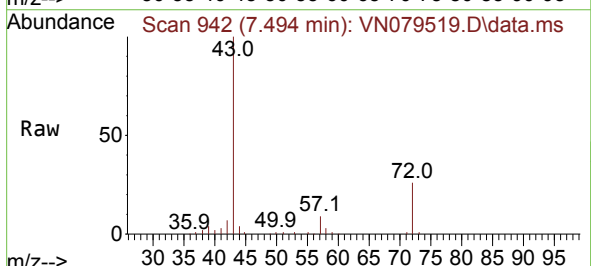


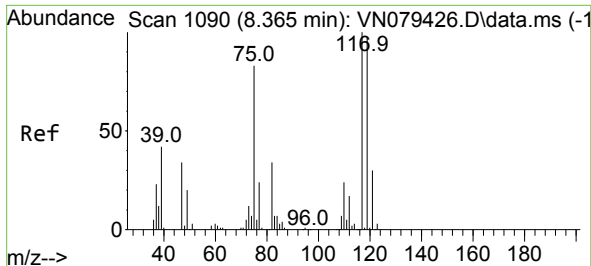
Tgt Ion: 75 Resp: 42591
Ion Ratio Lower Upper
75 100
110 8.6 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 16.342 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.076 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

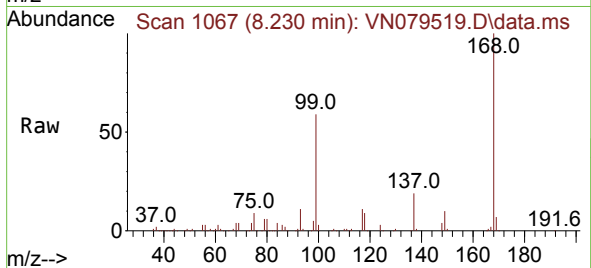
Tgt Ion: 43 Resp: 155180
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 0.0 11.3 16.9#



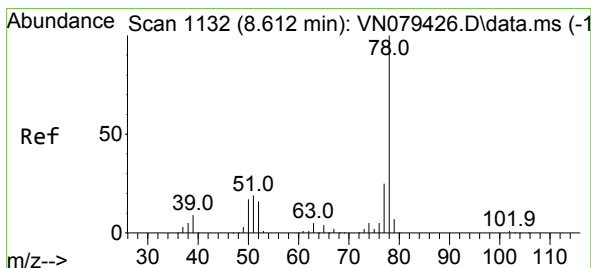
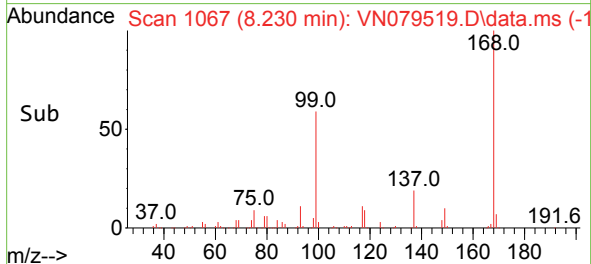
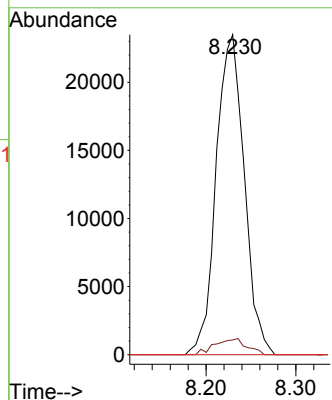


#38
Carbon Tetrachloride
Concen: 5.340 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.135 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :

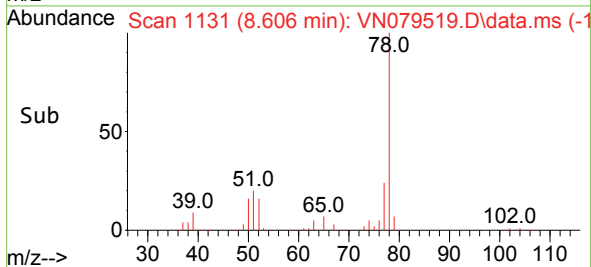
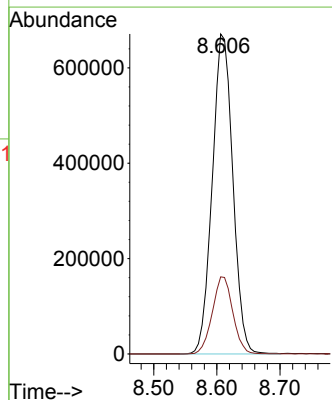
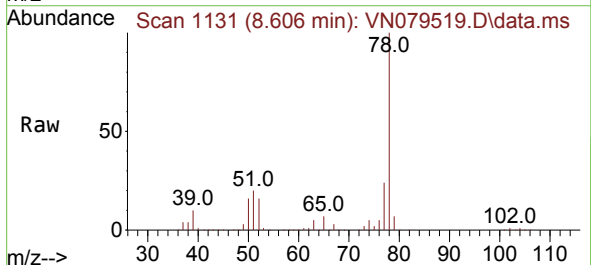


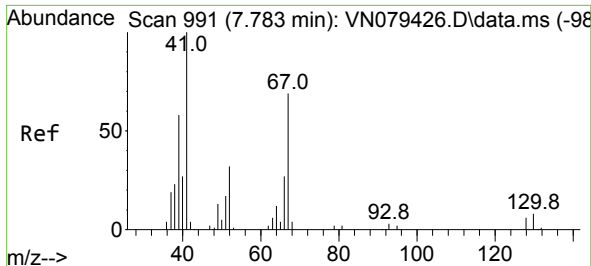
Tgt Ion:117 Resp: 51013
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 23.3 34.9#



#40
Benzene
Concen: 53.517 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Tgt Ion: 78 Resp: 1516727
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6

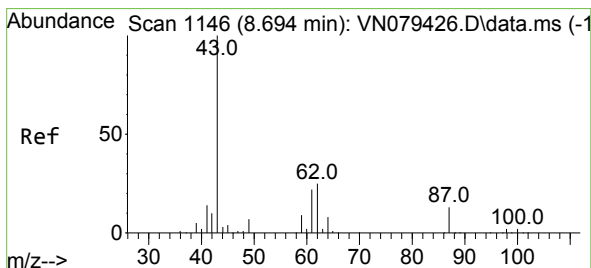
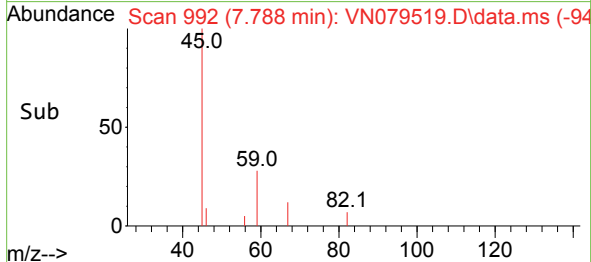
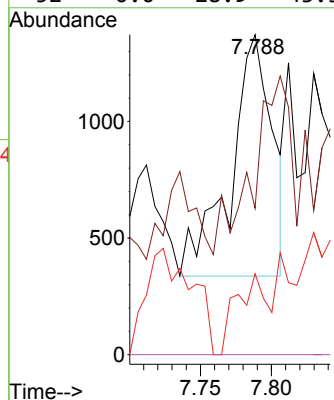
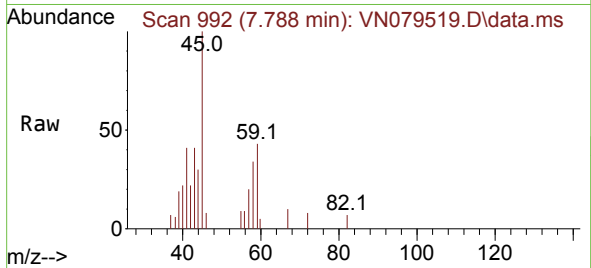




#41
Methacrylonitrile
Concen: 0.423 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

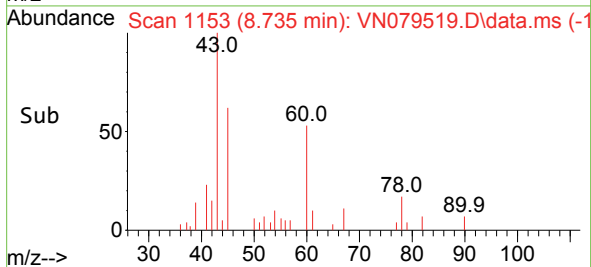
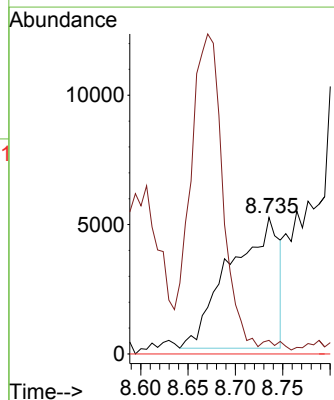
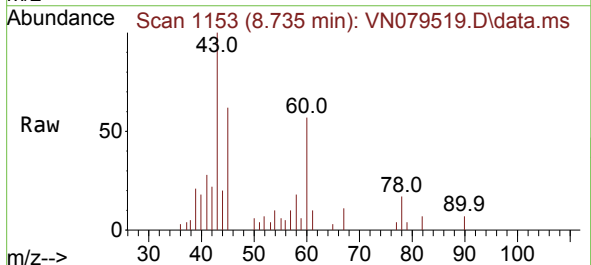
Instrument :
MSVOA_N
ClientSampleId :

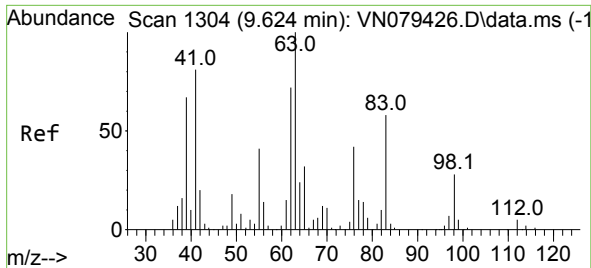
Tgt Ion: 41 Resp: 2112
Ion Ratio Lower Upper
41 100
39 0.0 42.6 64.0#
67 24.8 77.5 116.3#
52 0.0 28.9 43.3#



#43
Isopropyl Acetate
Concen: 1.089 ug/l
RT: 8.735 min Scan# 1153
Delta R.T. 0.041 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Tgt Ion: 43 Resp: 18123
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

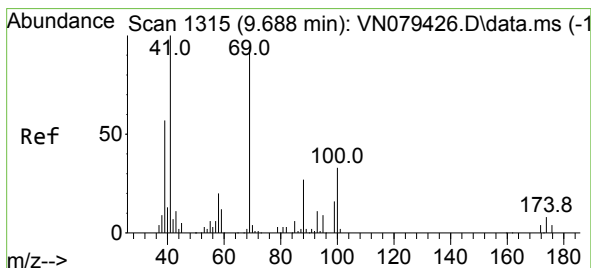
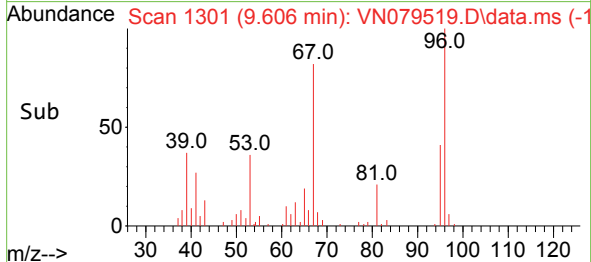
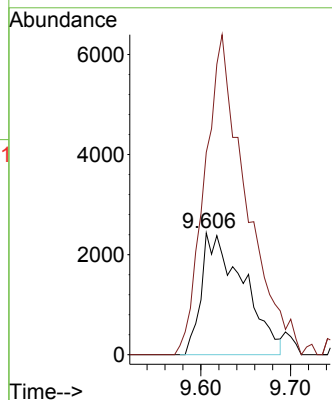
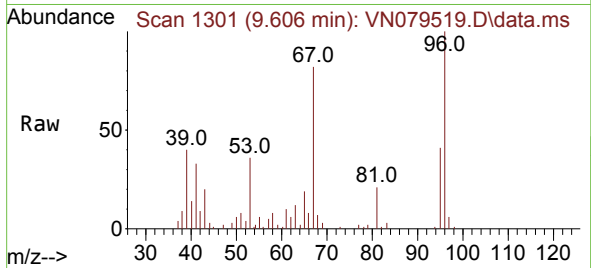




#45
1,2-Dichloropropane
Concen: 1.058 ug/l
RT: 9.606 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

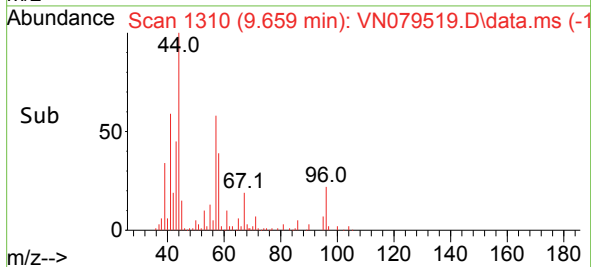
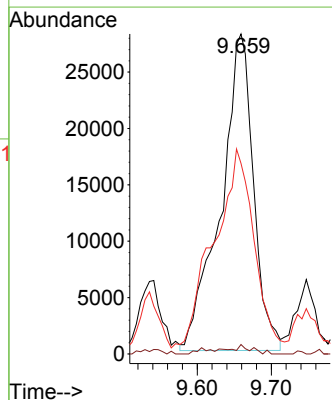
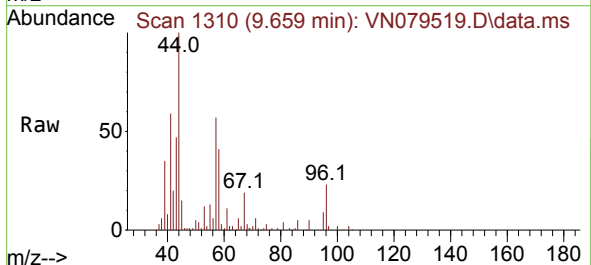
Instrument :
MSVOA_N
ClientSampleId :

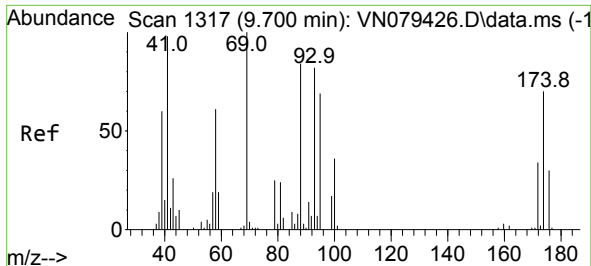
Tgt Ion: 63 Resp: 7901
Ion Ratio Lower Upper
63 100
65 158.7 23.9 35.9#



#48
Methyl methacrylate
Concen: 12.115 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.029 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Tgt Ion: 41 Resp: 86363
Ion Ratio Lower Upper
41 100
69 1.3 90.4 135.6#
39 77.3 54.6 81.8





#49

1,4-Dioxane

Concen: 0.457 ug/l

RT: 9.712 min Scan# 1

Delta R.T. 0.012 min

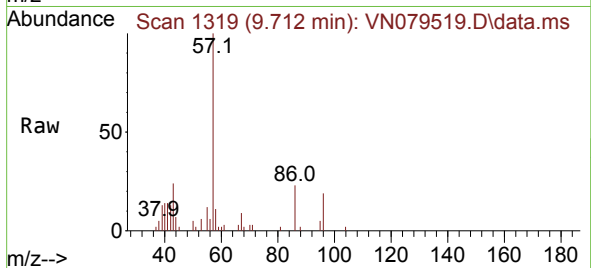
Lab File: VN079519.D

Acq: 11 Oct 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :



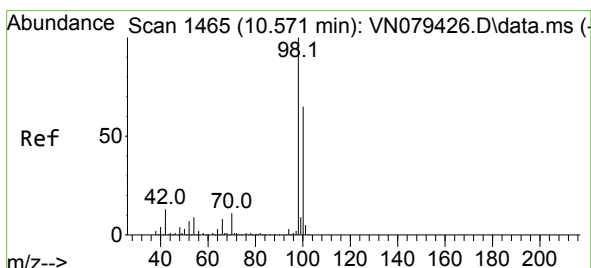
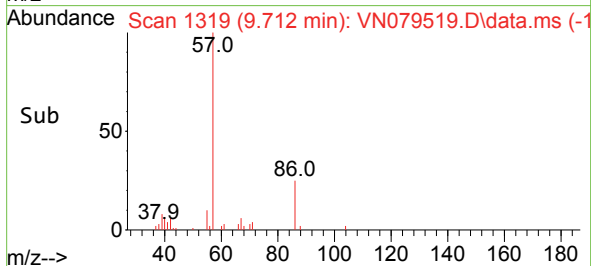
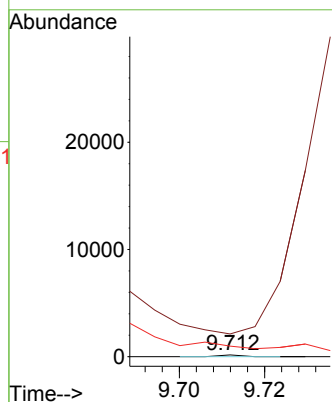
Tgt Ion: 88 Resp: 60

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#



#50

Toluene-d8

Concen: 45.530 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079519.D

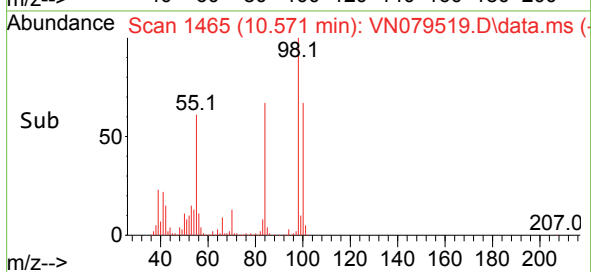
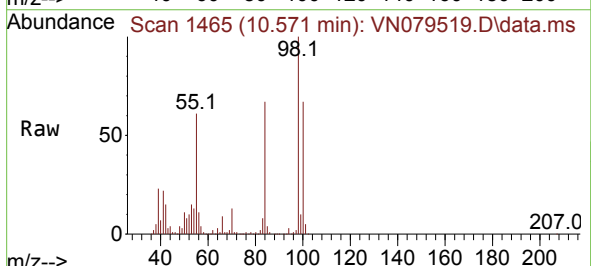
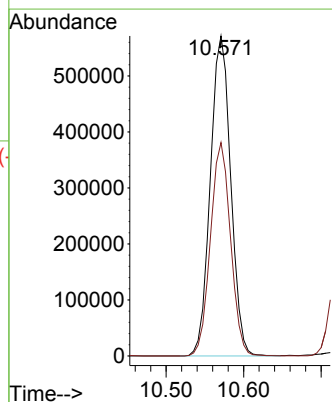
Acq: 11 Oct 2023 16:00

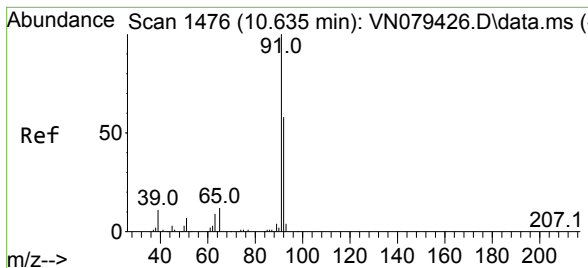
Tgt Ion: 98 Resp: 1047479

Ion Ratio Lower Upper

98 100

100 65.8 52.0 78.0





#52

Toluene

Concen: 86.106 ug/l

RT: 10.635 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN079519.D

Acq: 11 Oct 2023 16:00

Instrument :

MSVOA_N

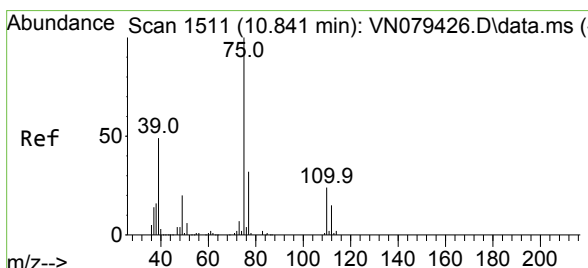
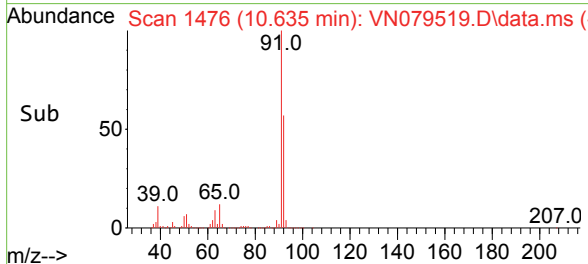
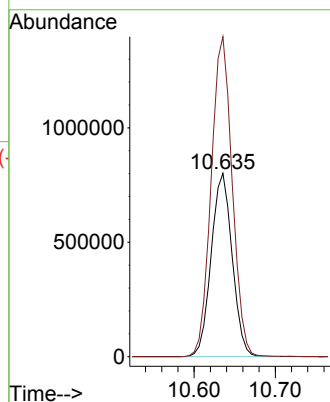
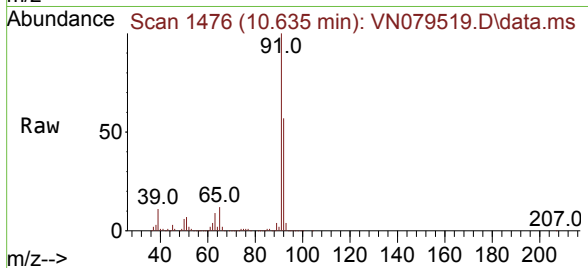
ClientSampleId :

Tgt Ion: 92 Resp: 1436484

Ion Ratio Lower Upper

92 100

91 175.3 137.4 206.0



#53

t-1,3-Dichloropropene

Concen: 0.286 ug/l

RT: 10.806 min Scan# 1505

Delta R.T. -0.035 min

Lab File: VN079519.D

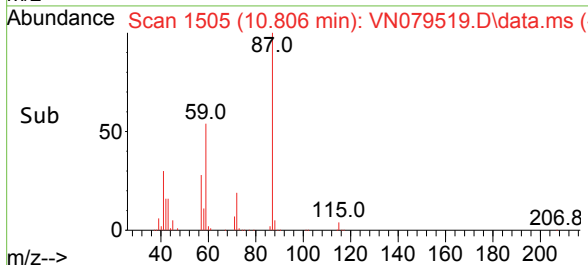
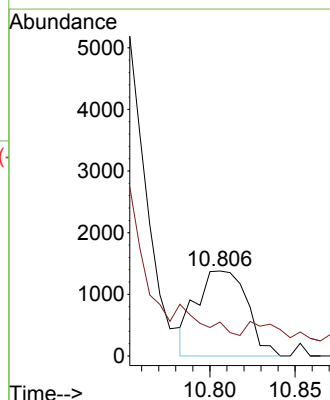
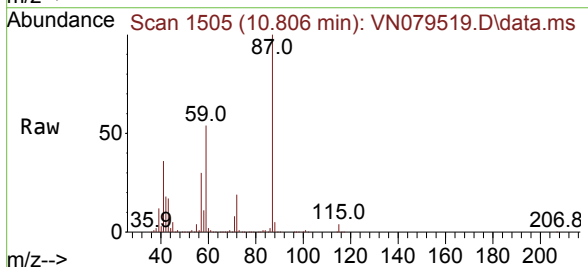
Acq: 11 Oct 2023 16:00

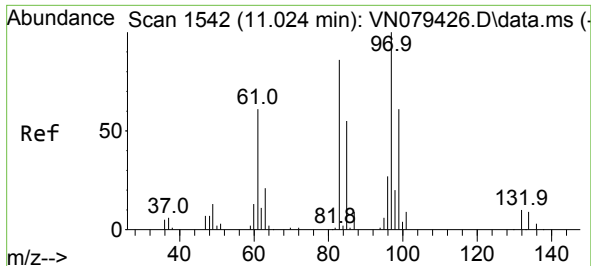
Tgt Ion: 75 Resp: 2868

Ion Ratio Lower Upper

75 100

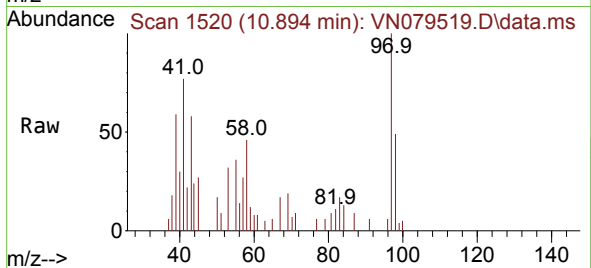
77 8.8 25.4 38.0#



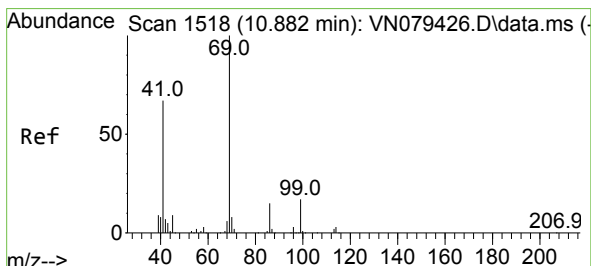
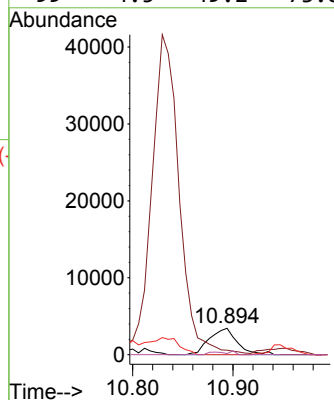
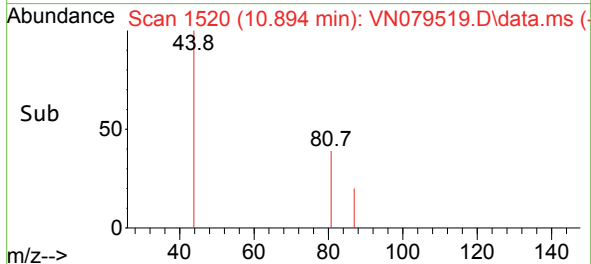


#55
 1,1,2-Trichloroethane
 Concen: 0.995 ug/l
 RT: 10.894 min Scan# 1510
 Delta R.T. -0.129 min
 Lab File: VN079519.D
 Acq: 11 Oct 2023 16:00

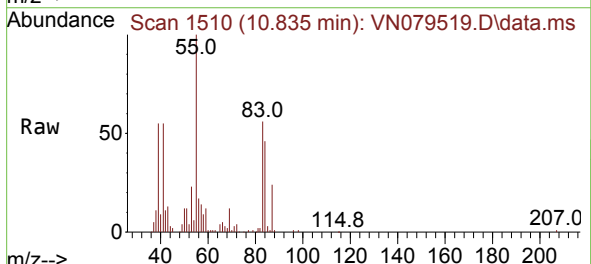
Instrument :
 MSVOA_N
 ClientSampleId :



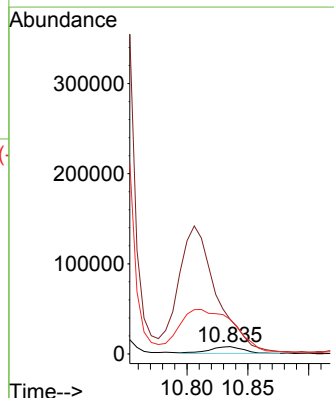
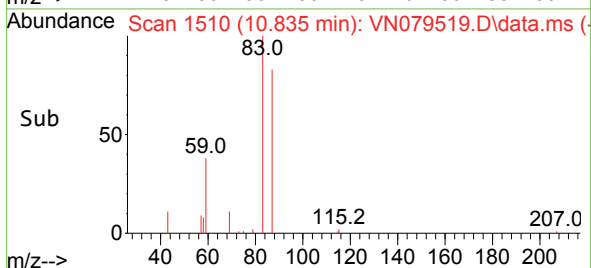
Tgt Ion:	97	Resp:	6664
Ion	Ratio	Lower	Upper
97	100		
83	0.0	65.1	97.7#
85	0.0	43.4	65.2#
99	4.5	49.2	73.8#

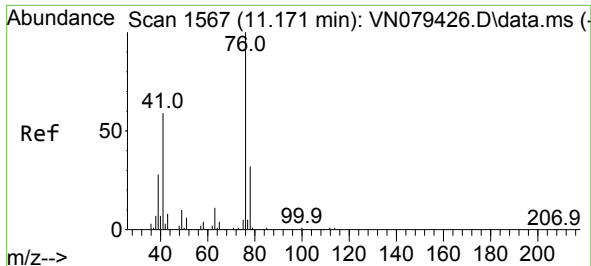


#56
 Ethyl methacrylate
 Concen: 1.584 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.047 min
 Lab File: VN079519.D
 Acq: 11 Oct 2023 16:00



Tgt Ion:	69	Resp:	14577
Ion	Ratio	Lower	Upper
69	100		
41	0.0	39.6	59.4#
39	0.0	28.6	43.0#





#57

1,3-Dichloropropane

Concen: 0.298 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.035 min

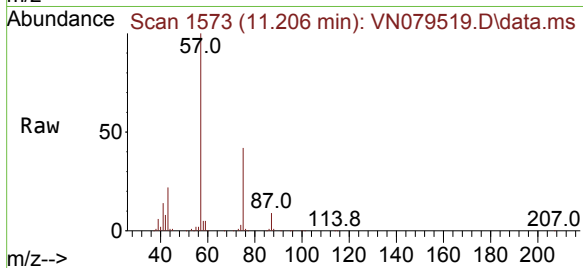
Lab File: VN079519.D

Acq: 11 Oct 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

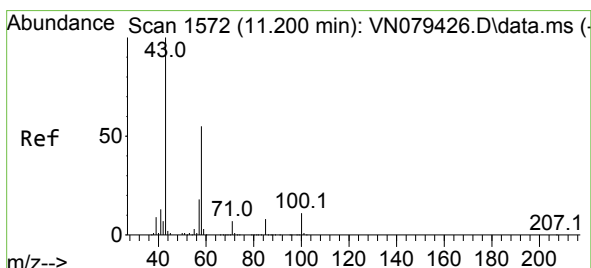
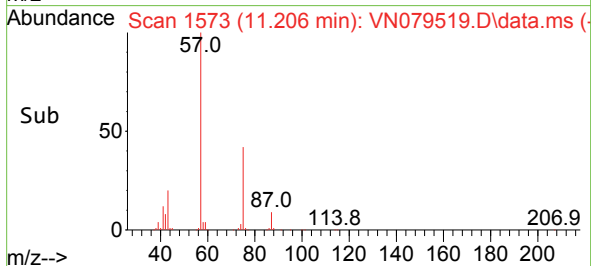
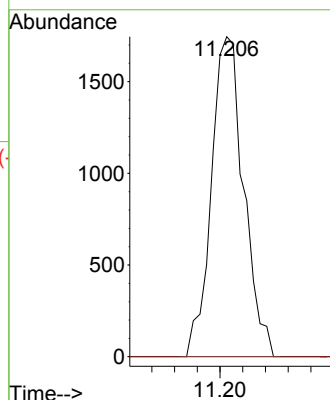


Tgt Ion: 76 Resp: 3447

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 0.956 ug/l

RT: 11.300 min Scan# 1589

Delta R.T. 0.100 min

Lab File: VN079519.D

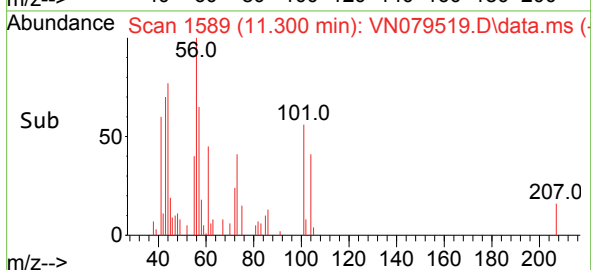
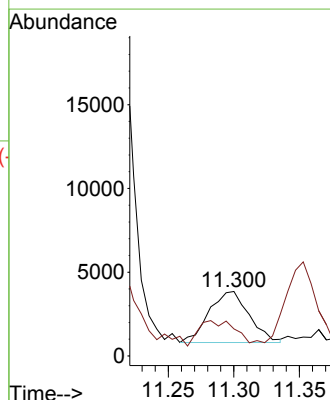
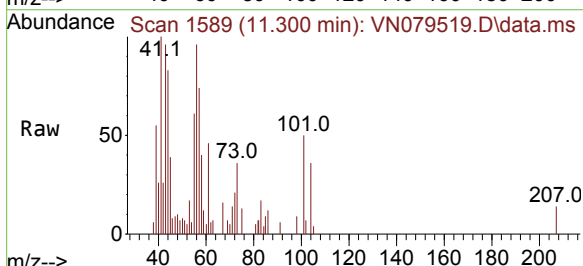
Acq: 11 Oct 2023 16:00

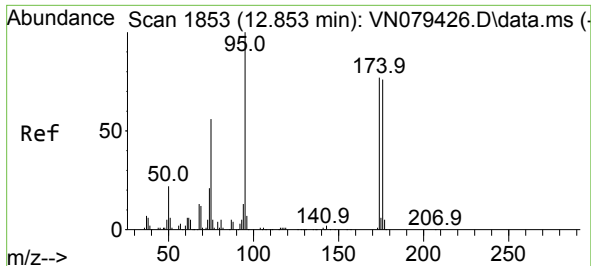
Tgt Ion: 43 Resp: 6480

Ion Ratio Lower Upper

43 100

58 51.8 31.7 95.1

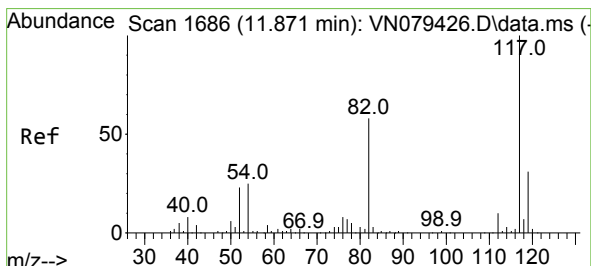
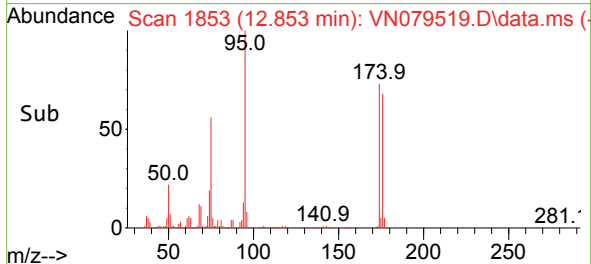
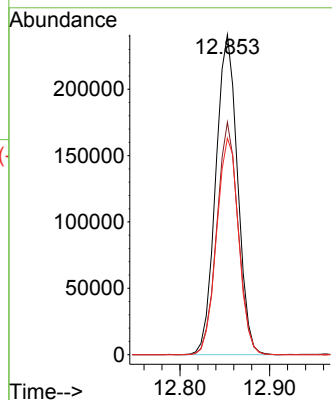
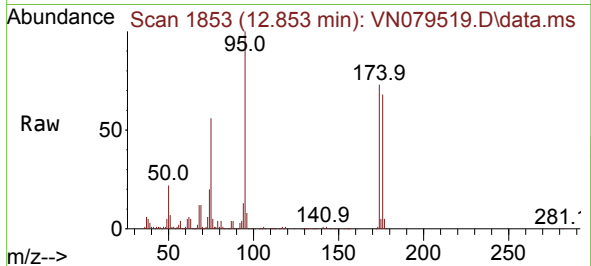




#62
4-Bromofluorobenzene
Concen: 54.988 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

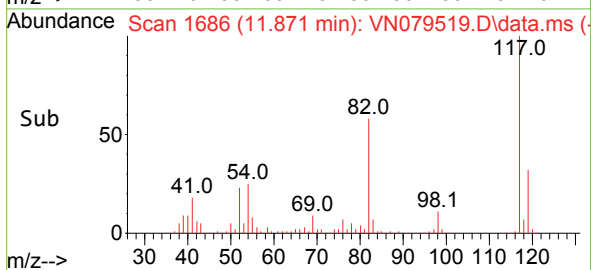
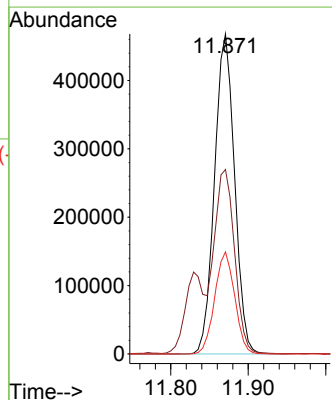
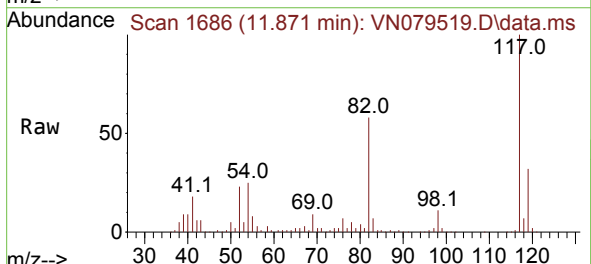
Instrument :
MSVOA_N
ClientSampleId :

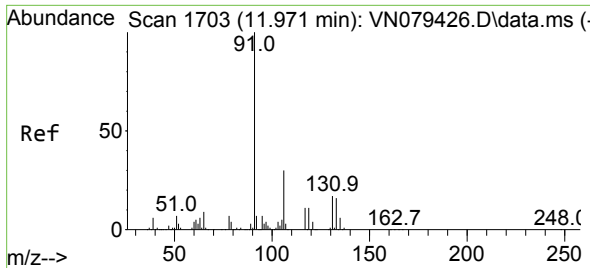
Tgt Ion: 95 Resp: 405992
Ion Ratio Lower Upper
95 100
174 71.1 0.0 143.8
176 68.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Tgt Ion: 117 Resp: 842265
Ion Ratio Lower Upper
117 100
82 57.5 44.0 66.0
119 31.9 25.6 38.4

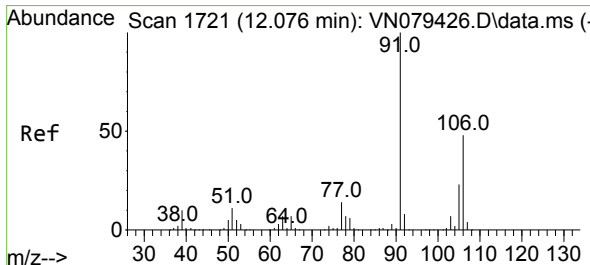
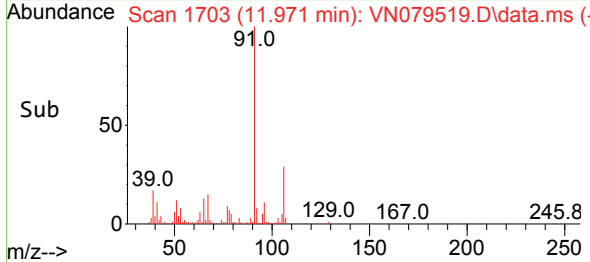
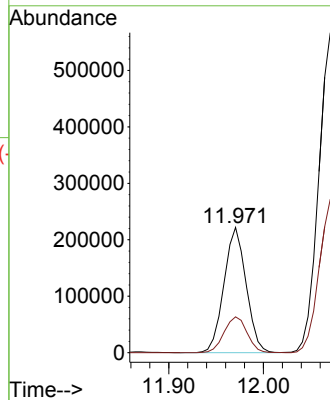
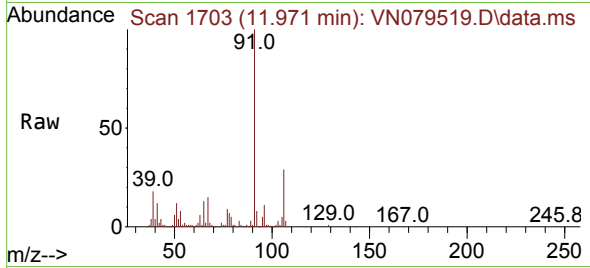




#67
Ethyl Benzene
Concen: 11.060 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

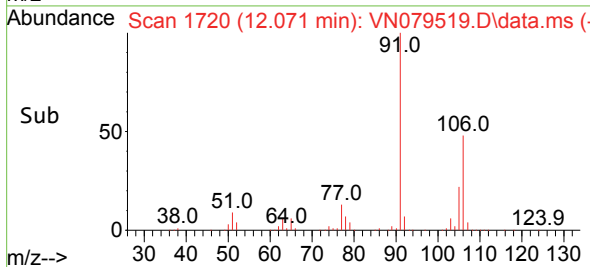
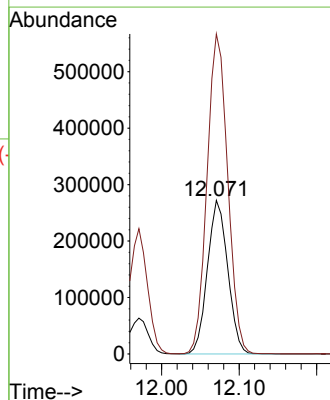
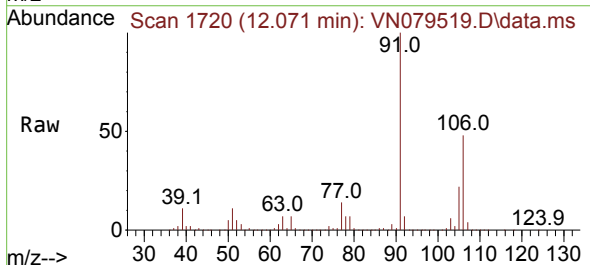
Instrument :
MSVOA_N
ClientSampleId :

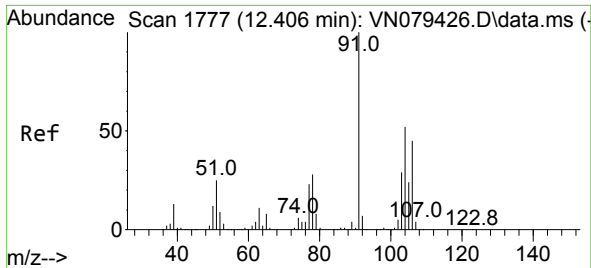
Tgt Ion: 91 Resp: 360572
Ion Ratio Lower Upper
91 100
106 28.6 25.6 38.4



#68
m/p-Xylenes
Concen: 41.854 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Tgt Ion:106 Resp: 495803
Ion Ratio Lower Upper
106 100
91 211.8 159.6 239.4

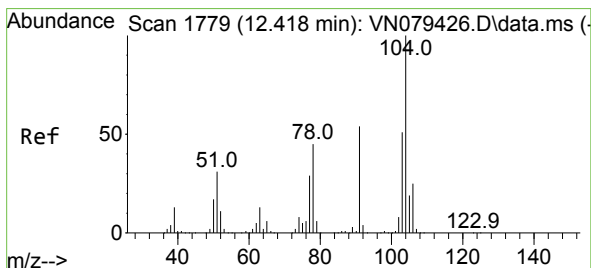
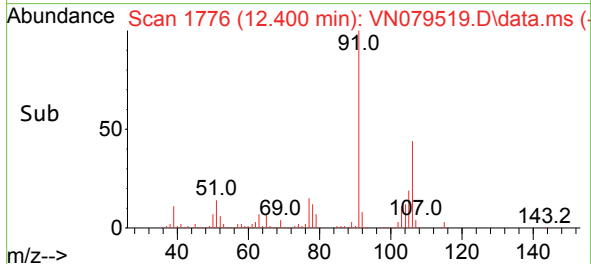
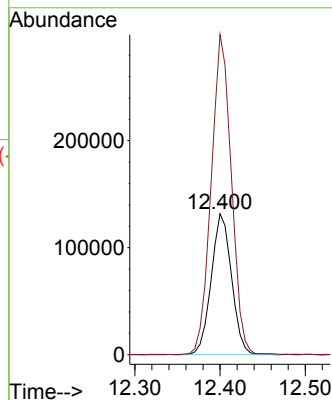
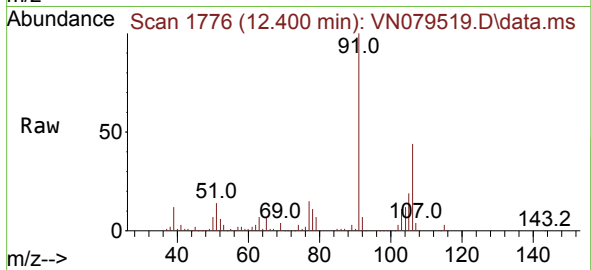




#69
o-Xylene
Concen: 18.699 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

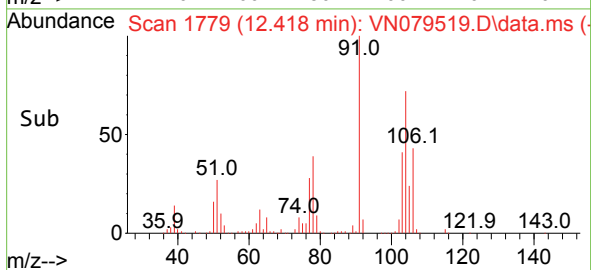
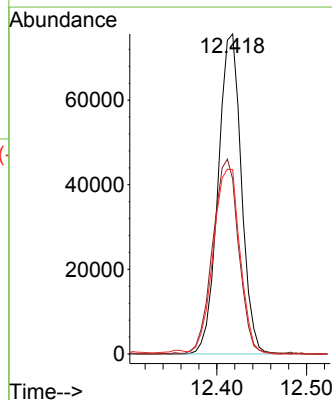
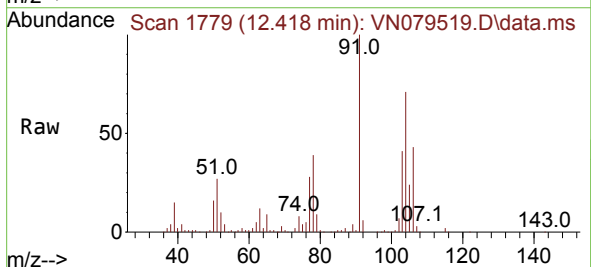
Instrument :
MSVOA_N
ClientSampleId :

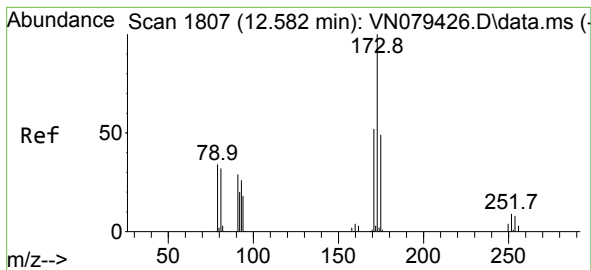
Tgt Ion:106 Resp: 217842
Ion Ratio Lower Upper
106 100
91 226.6 105.2 315.5



#70
Styrene
Concen: 7.387 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Tgt Ion:104 Resp: 135935
Ion Ratio Lower Upper
104 100
78 68.4 39.5 59.3#
103 66.8 43.2 64.8#





#71

Bromoform

Concen: 0.513 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

Lab File: VN079519.D

Acq: 11 Oct 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

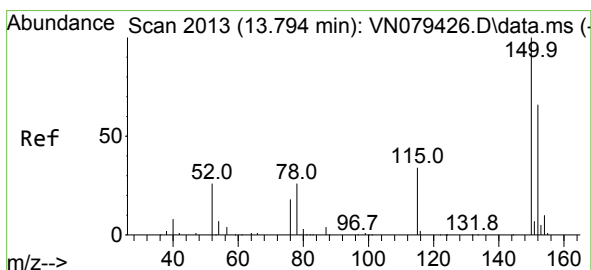
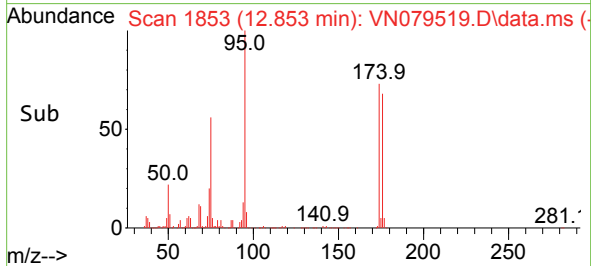
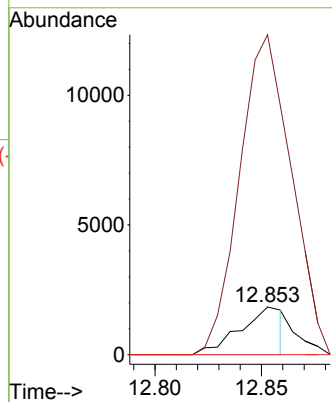
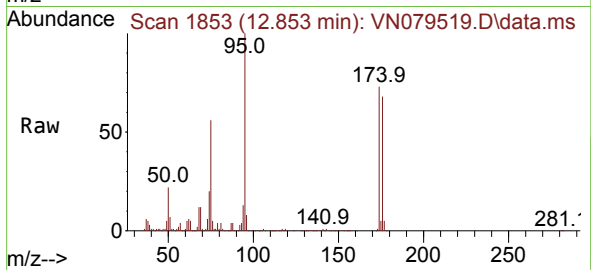
Tgt Ion:173 Resp: 2580

Ion Ratio Lower Upper

173 100

175 644.2 24.3 73.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079519.D

Acq: 11 Oct 2023 16:00

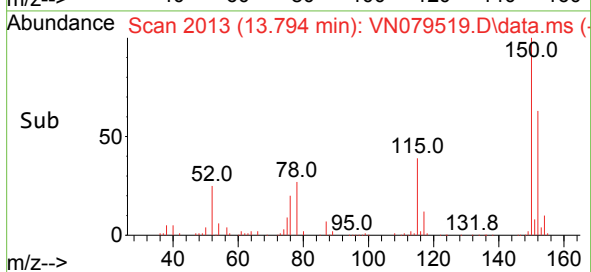
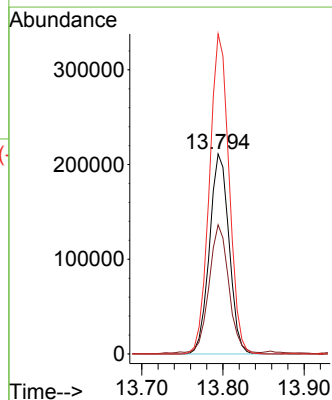
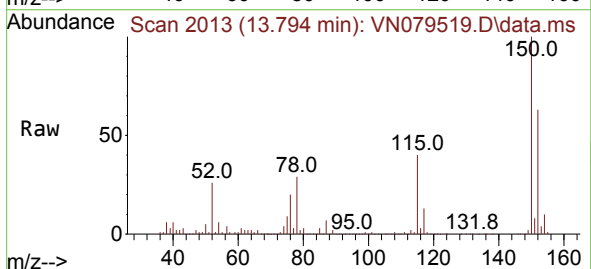
Tgt Ion:152 Resp: 353228

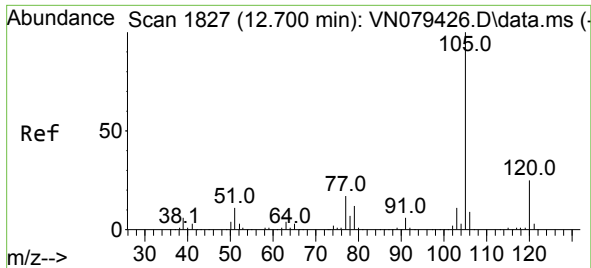
Ion Ratio Lower Upper

152 100

115 66.2 32.3 96.8

150 160.3 0.0 355.8

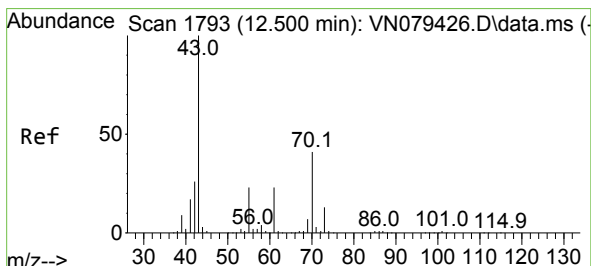
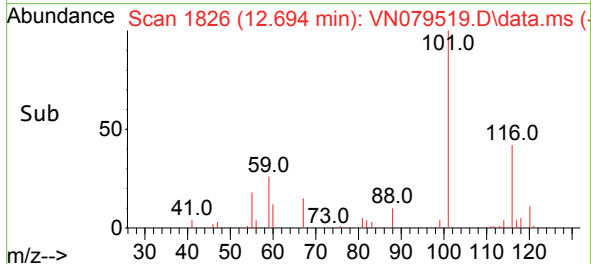
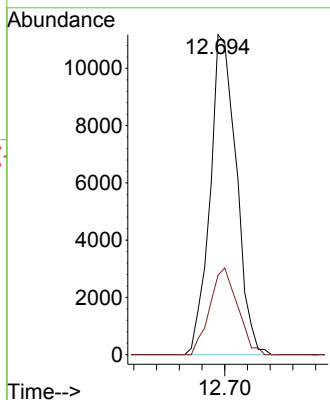
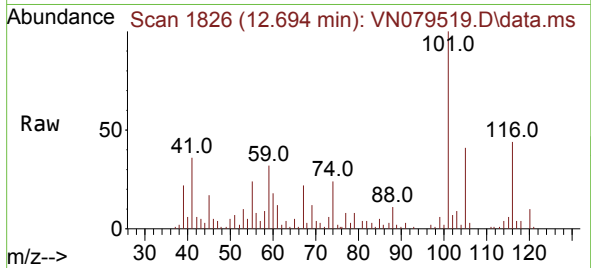




#73
Isopropylbenzene
Concen: 0.547 ug/l
RT: 12.694 min Scan# 17973
Delta R.T. -0.006 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

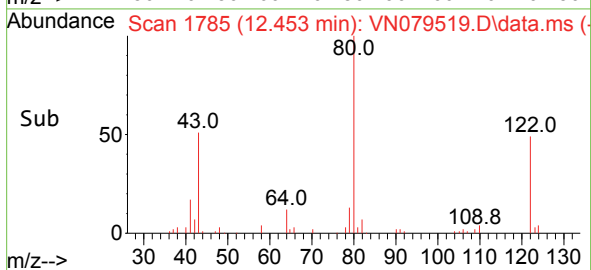
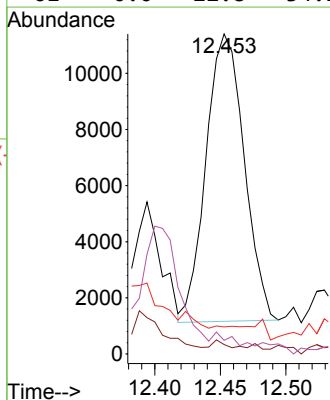
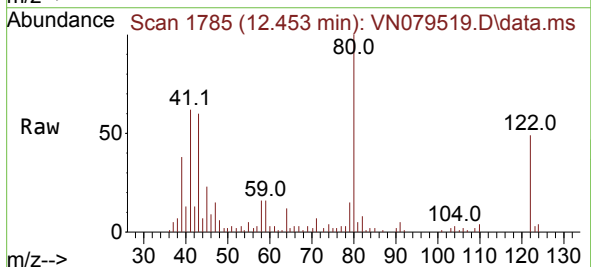
Instrument :
MSVOA_N
ClientSampleId :

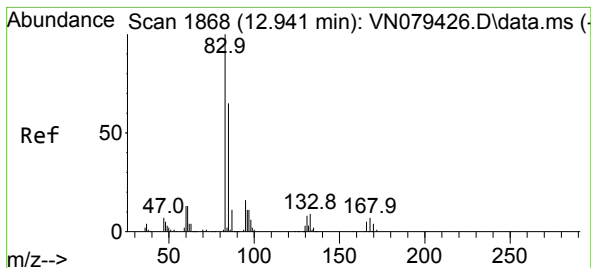
Tgt Ion:105 Resp: 17973
Ion Ratio Lower Upper
105 100
120 28.7 13.1 39.1



#74
N-ethyl acetate
Concen: 1.538 ug/l
RT: 12.453 min Scan# 1785
Delta R.T. -0.047 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Tgt Ion: 43 Resp: 20724
Ion Ratio Lower Upper
43 100
70 0.8 43.4 65.2#
55 0.0 21.4 32.0#
61 0.0 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 86.238 ug/l

RT: 12.800 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079519.D

Acq: 11 Oct 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

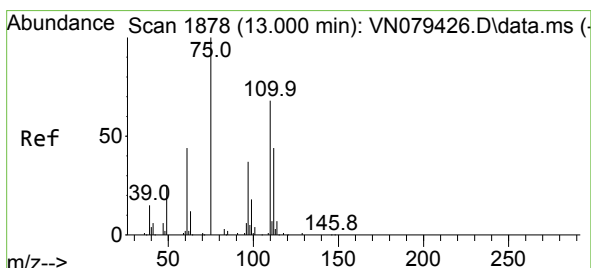
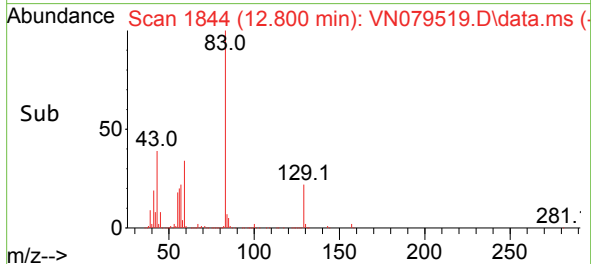
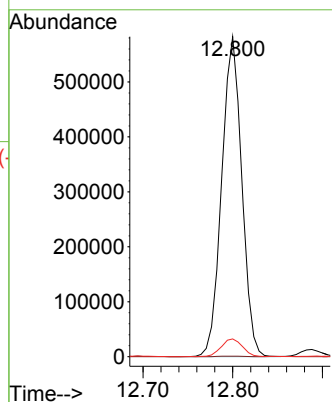
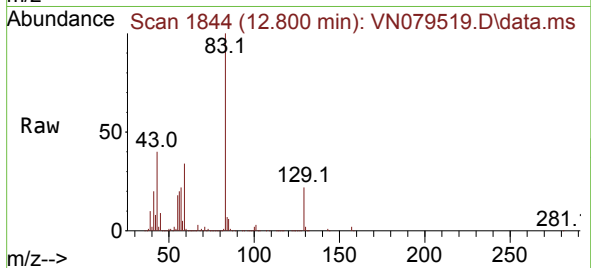
Tgt Ion: 83 Resp: 905370

Ion Ratio Lower Upper

83 100

131 0.2 5.0 15.0#

85 6.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 21.851 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079519.D

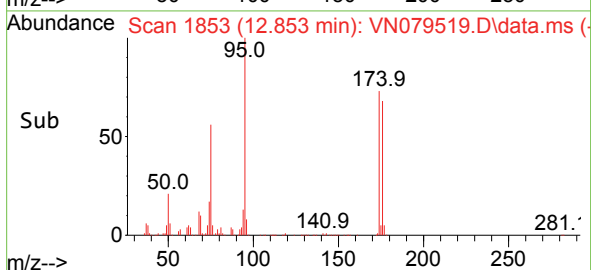
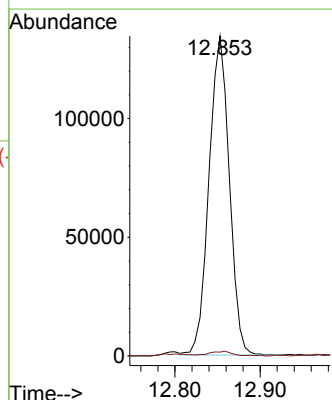
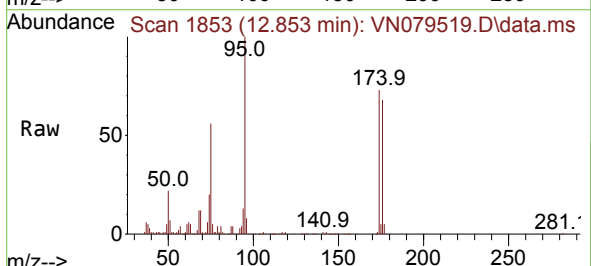
Acq: 11 Oct 2023 16:00

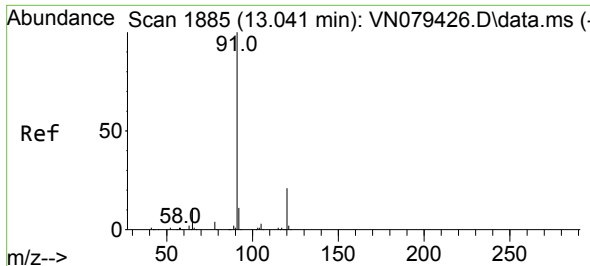
Tgt Ion: 75 Resp: 222538

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#

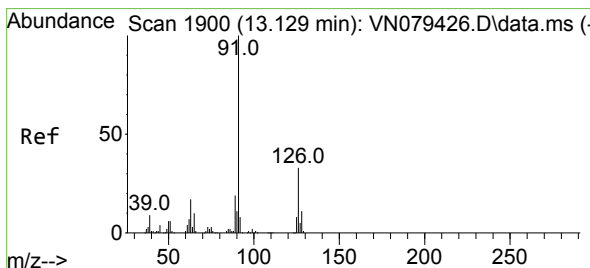
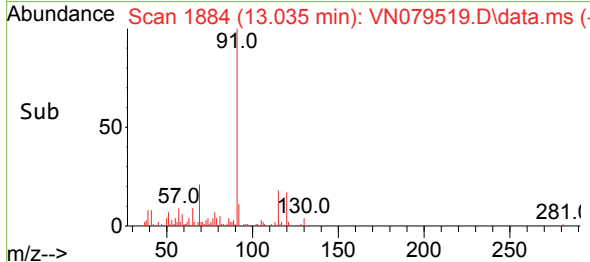
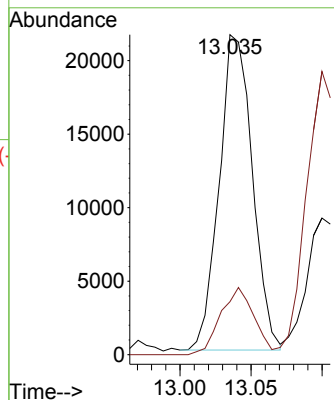
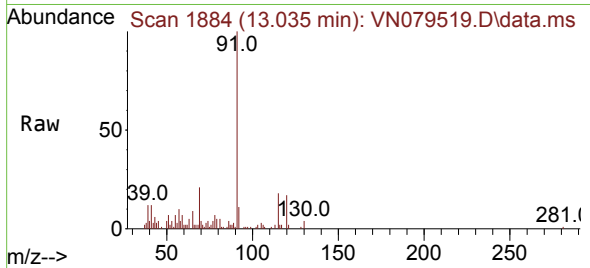




#78
n-propylbenzene
Concen: 0.937 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

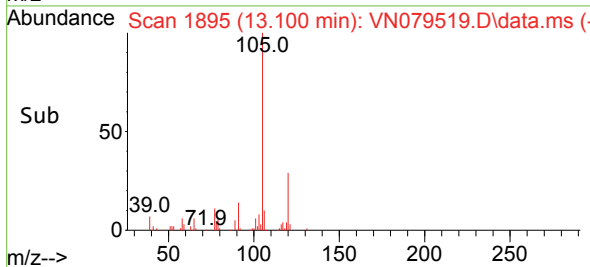
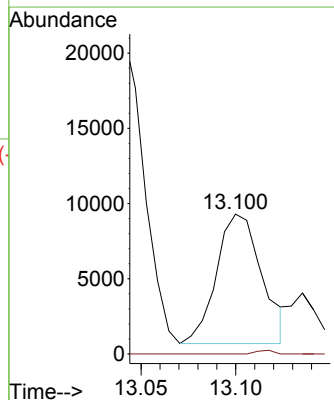
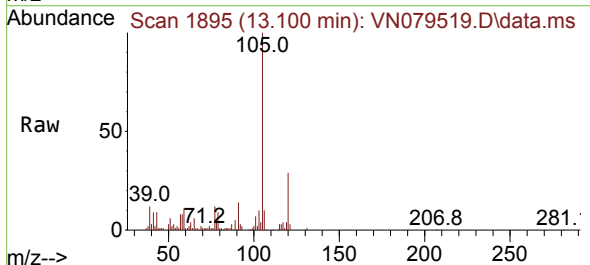
Instrument :
MSVOA_N
ClientSampleId :

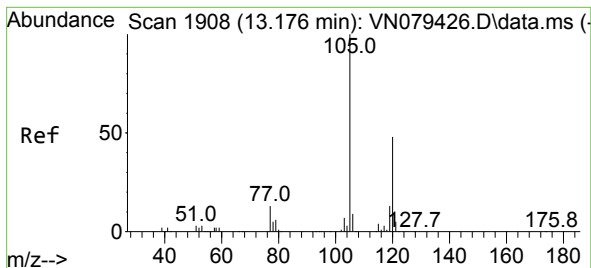
Tgt Ion: 91 Resp: 34832
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.602 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.029 min
Lab File: VN079519.D
Acq: 11 Oct 2023 16:00

Tgt Ion: 91 Resp: 14324
Ion Ratio Lower Upper
91 100
126 1.0 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 2.371 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079519.D

Acq: 11 Oct 2023 16:00

Instrument :

MSVOA_N

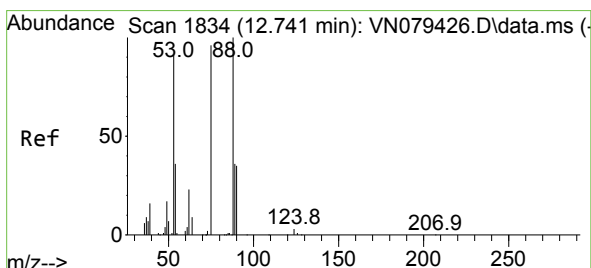
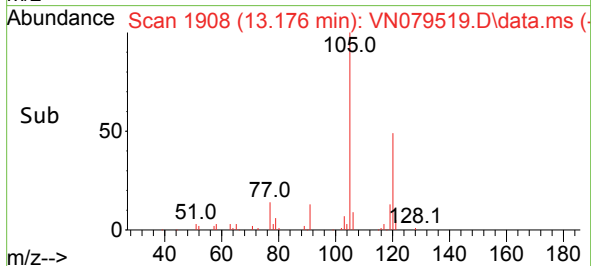
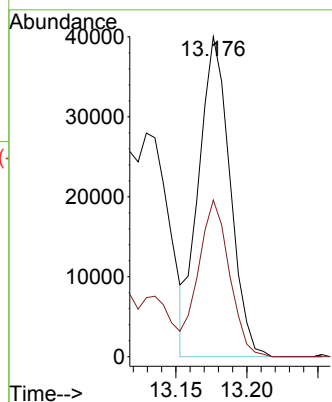
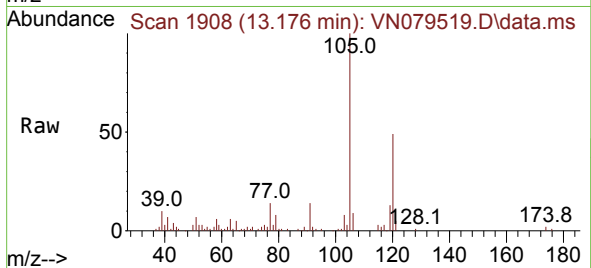
ClientSampleId :

Tgt Ion:105 Resp: 61433

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 63.400 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN079519.D

Acq: 11 Oct 2023 16:00

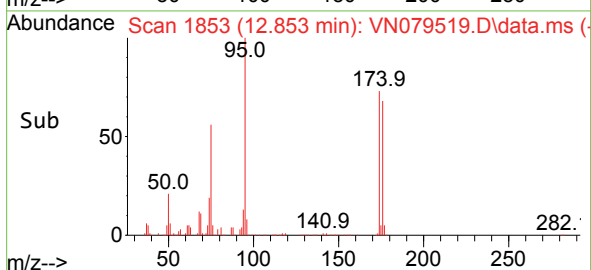
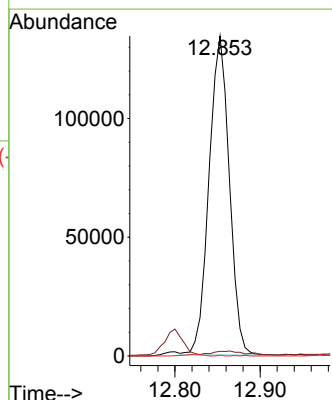
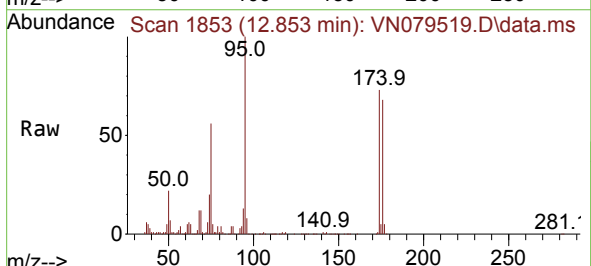
Tgt Ion: 75 Resp: 222538

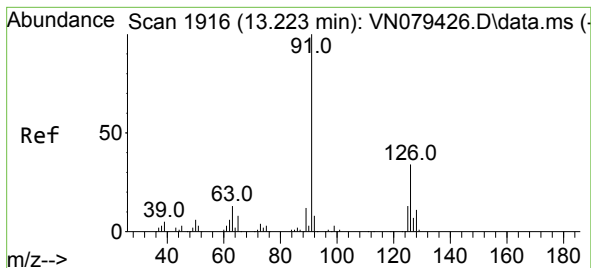
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.1 38.8 58.2#





#82

4-Chlorotoluene

Concen: 0.319 ug/l

RT: 13.176 min Scan# 1916

Delta R.T. -0.047 min

Lab File: VN079519.D

Acq: 11 Oct 2023 16:00

Instrument :

MSVOA_N

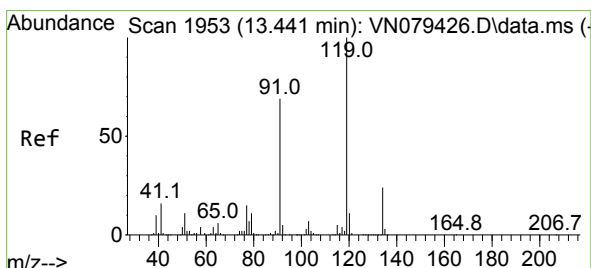
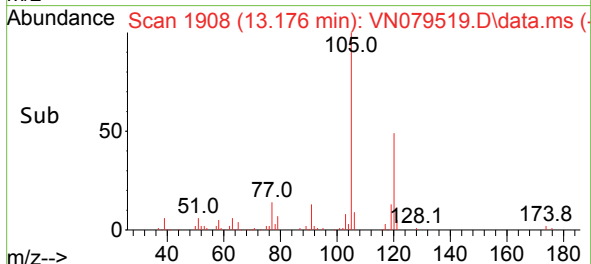
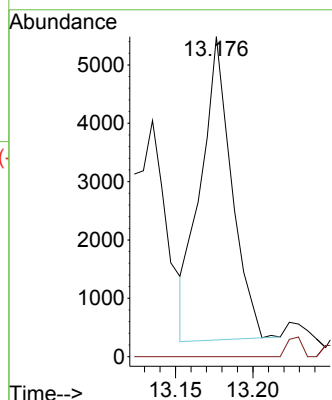
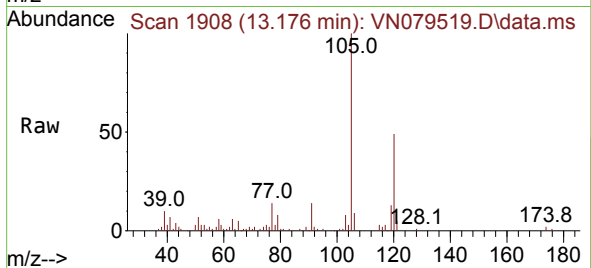
ClientSampleId :

Tgt Ion: 91 Resp: 7214

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.0#



#83

tert-Butylbenzene

Concen: 0.257 ug/l

RT: 13.676 min Scan# 1993

Delta R.T. 0.235 min

Lab File: VN079519.D

Acq: 11 Oct 2023 16:00

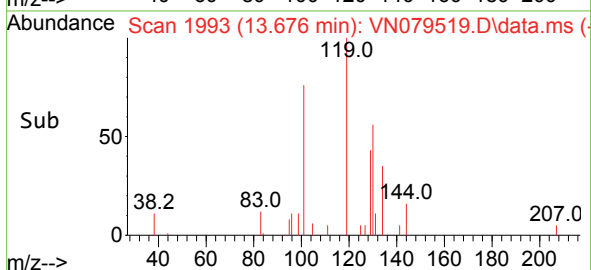
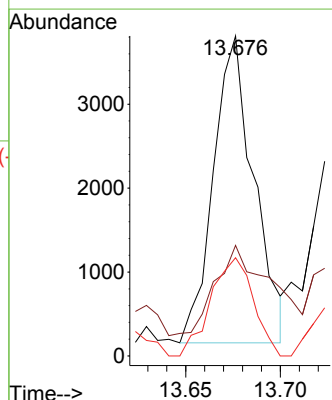
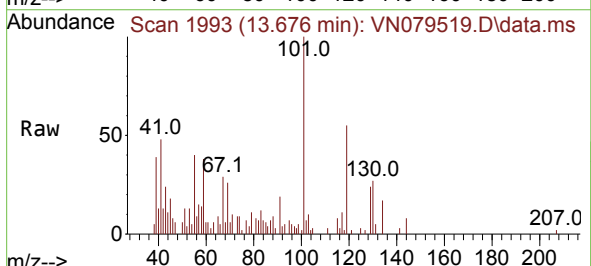
Tgt Ion: 119 Resp: 5449

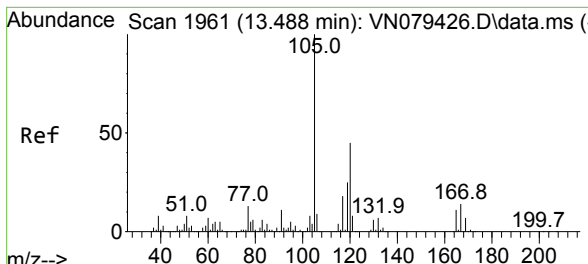
Ion Ratio Lower Upper

119 100

91 38.1 33.9 101.7

134 33.7 13.2 39.6

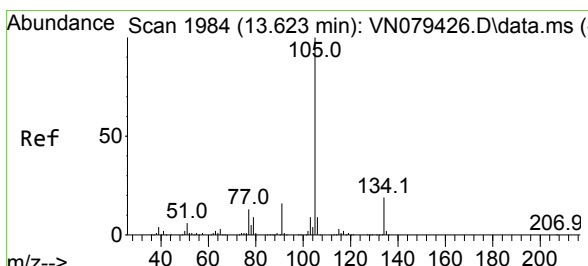
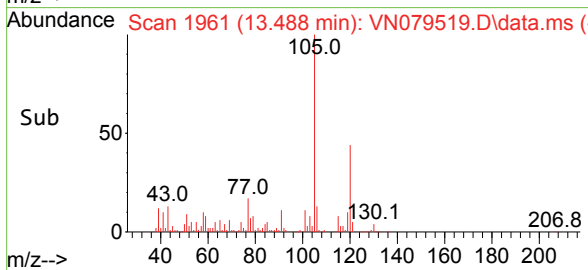
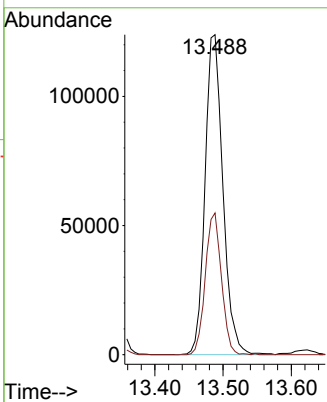
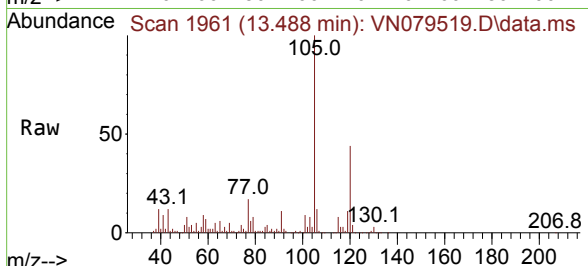




#84
 1,2,4-Trimethylbenzene
 Concen: 9.123 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN079519.D
 Acq: 11 Oct 2023 16:00

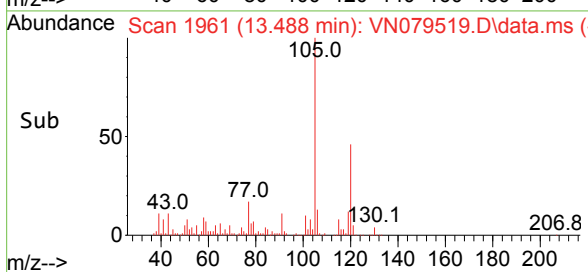
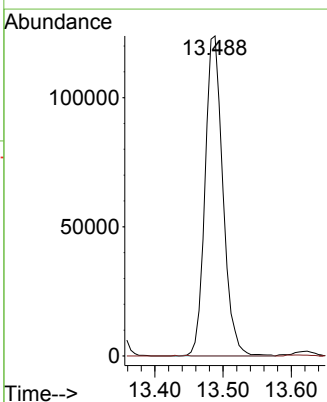
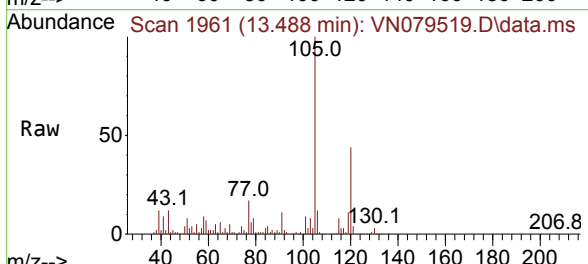
Instrument :
 MSVOA_N
 ClientSampleId :

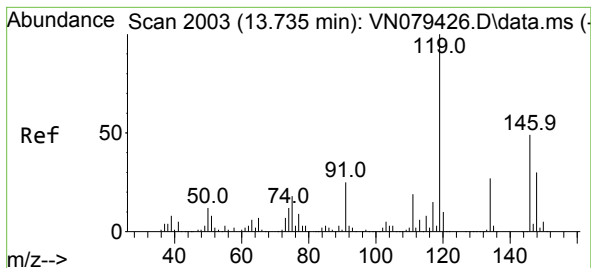
Tgt Ion:105 Resp: 225622
 Ion Ratio Lower Upper
 105 100
 120 39.9 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 7.619 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. -0.135 min
 Lab File: VN079519.D
 Acq: 11 Oct 2023 16:00

Tgt Ion:105 Resp: 225622
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#





#86

p-Isopropyltoluene

Concen: 0.264 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079519.D

Acq: 11 Oct 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

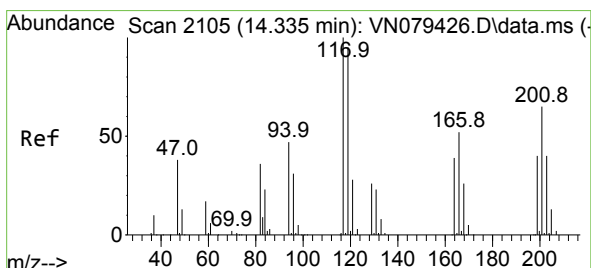
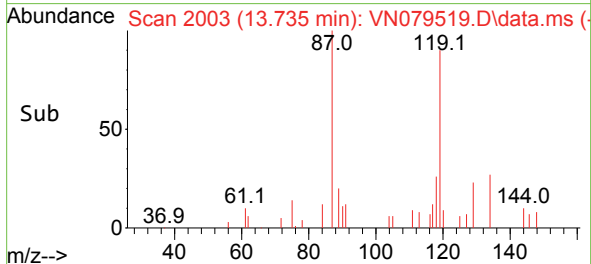
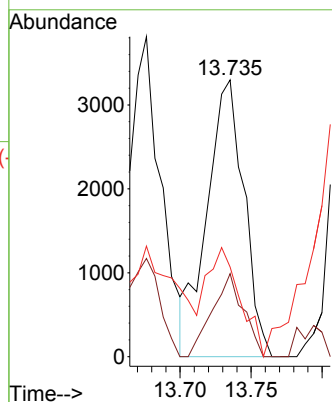
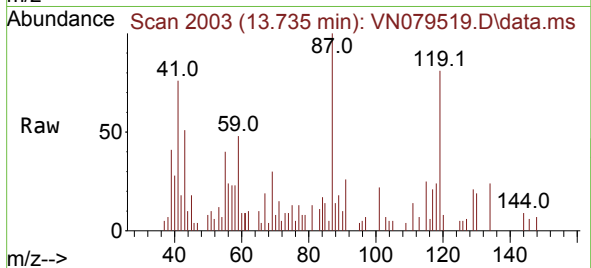
Tgt Ion:119 Resp: 5991

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

91 35.4 12.4 37.2



#90

Hexachloroethane

Concen: Below Cal

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN079519.D

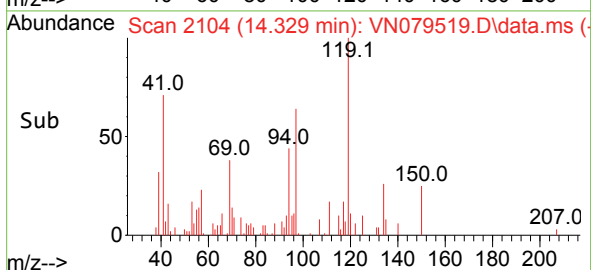
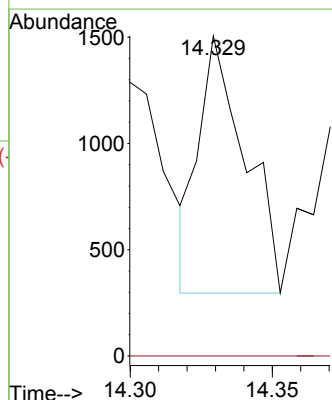
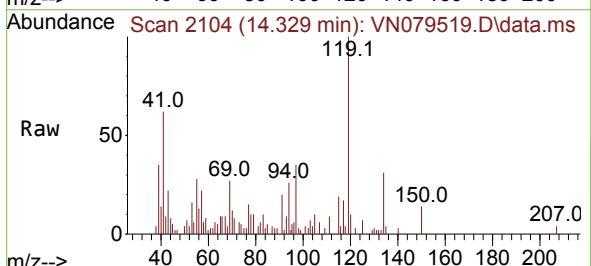
Acq: 11 Oct 2023 16:00

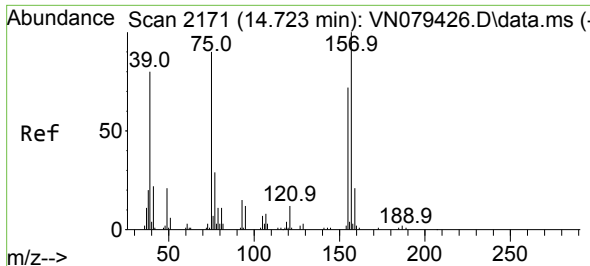
Tgt Ion:117 Resp: 1369

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#

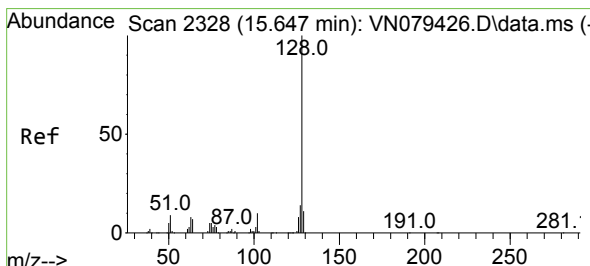
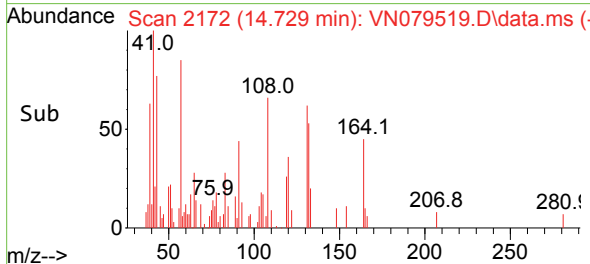
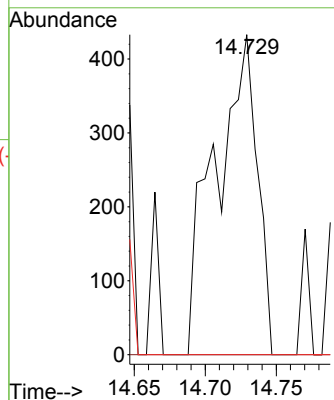
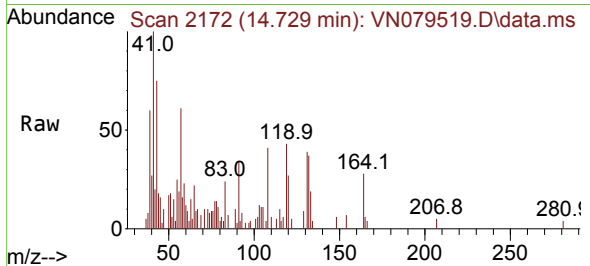




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.468 ug/l
 RT: 14.729 min Scan# 2171
 Delta R.T. 0.006 min
 Lab File: VN079519.D
 Acq: 11 Oct 2023 16:00

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 890
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.1 117.2#
 157 0.0 50.3 150.9#



#95
 Naphthalene
 Concen: 372.438 ug/l
 RT: 15.647 min Scan# 2328
 Delta R.T. -0.000 min
 Lab File: VN079519.D
 Acq: 11 Oct 2023 16:00

Tgt Ion:128 Resp: 4391001
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.0 15.0
 129 10.9 8.7 13.1

