

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103023\
 Data File : VN079725.D
 Acq On : 30 Oct 2023 16:00
 Operator : JC\MD
 Sample : VN1030MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 31 07:30:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	107355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	175402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	197139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	82045	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	83153	48.232	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.460%
35) Dibromofluoromethane	8.171	113	97011	77.402	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	154.800%#
50) Toluene-d8	10.571	98	146174	31.286	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	62.580%#
62) 4-Bromofluorobenzene	12.853	95	101292	68.843	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	137.680%#

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	797	0.464	ug/l	90
6) Chloroethane	3.112	64	297	0.219	ug/l #	43
10) Methyl Iodide	4.577	142	267	0.211	ug/l #	78
11) Tert butyl alcohol	5.506	59	929	4.063	ug/l #	72
13) Acrolein	4.171	56	60	0.261	ug/l #	63
15) Acrylonitrile	5.724	53	1064	1.512	ug/l #	20
16) Acetone	4.453	43	826	1.120	ug/l	100
17) Carbon Disulfide	4.712	76	3431	0.953	ug/l #	75
18) Methyl Acetate	5.036	43	642	0.216	ug/l #	58
20) Methylene Chloride	5.277	84	988	0.676	ug/l #	81
25) 2-Butanone	7.494	43	726	0.717	ug/l #	37
29) Tetrahydrofuran	7.835	42	150	0.242	ug/l #	20
31) Cyclohexane	8.218	56	2859	1.216	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	10283	5.530	ug/l #	47
38) Carbon Tetrachloride	8.224	117	12243	6.603	ug/l #	15
42) 1,2-Dichloroethane	8.677	62	528	0.265	ug/l #	73
44) Trichloroethene	9.347	130	480	0.361	ug/l	55
48) Methyl methacrylate	9.682	41	337	0.247	ug/l #	24
51) 4-Methyl-2-Pentanone	10.459	43	1733	0.945	ug/l #	67
59) 2-Hexanone	11.200	43	3800	2.819	ug/l	74
65) Chlorobenzene	11.894	112	1492	0.342	ug/l #	75
68) m/p-Xylenes	12.082	106	879	0.309	ug/l	91
70) Styrene	12.423	104	876	0.200	ug/l #	77
74) N-amyl acetate	12.494	43	979	0.331	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	747	0.284	ug/l #	80
76) 1,2,3-Trichloropropane	12.853	75	56590	25.401	ug/l #	1
77) Bromobenzene	12.988	156	818	0.468	ug/l #	40
78) n-propylbenzene	13.041	91	2118	0.247	ug/l	85
79) 2-Chlorotoluene	13.117	91	1344	0.252	ug/l	91
80) 1,3,5-Trimethylbenzene	13.182	105	1440	0.238	ug/l	70
81) trans-1,4-Dichloro-2-b...	12.853	75	56590	76.622	ug/l #	15
82) 4-Chlorotoluene	13.223	91	1824	0.356	ug/l	77
83) tert-Butylbenzene	13.441	119	1021	0.206	ug/l #	77
84) 1,2,4-Trimethylbenzene	13.476	105	1677	0.287	ug/l	89
85) sec-Butylbenzene	13.612	105	2390	0.345	ug/l	93
86) p-Isopropyltoluene	13.729	119	1356	0.246	ug/l #	80

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

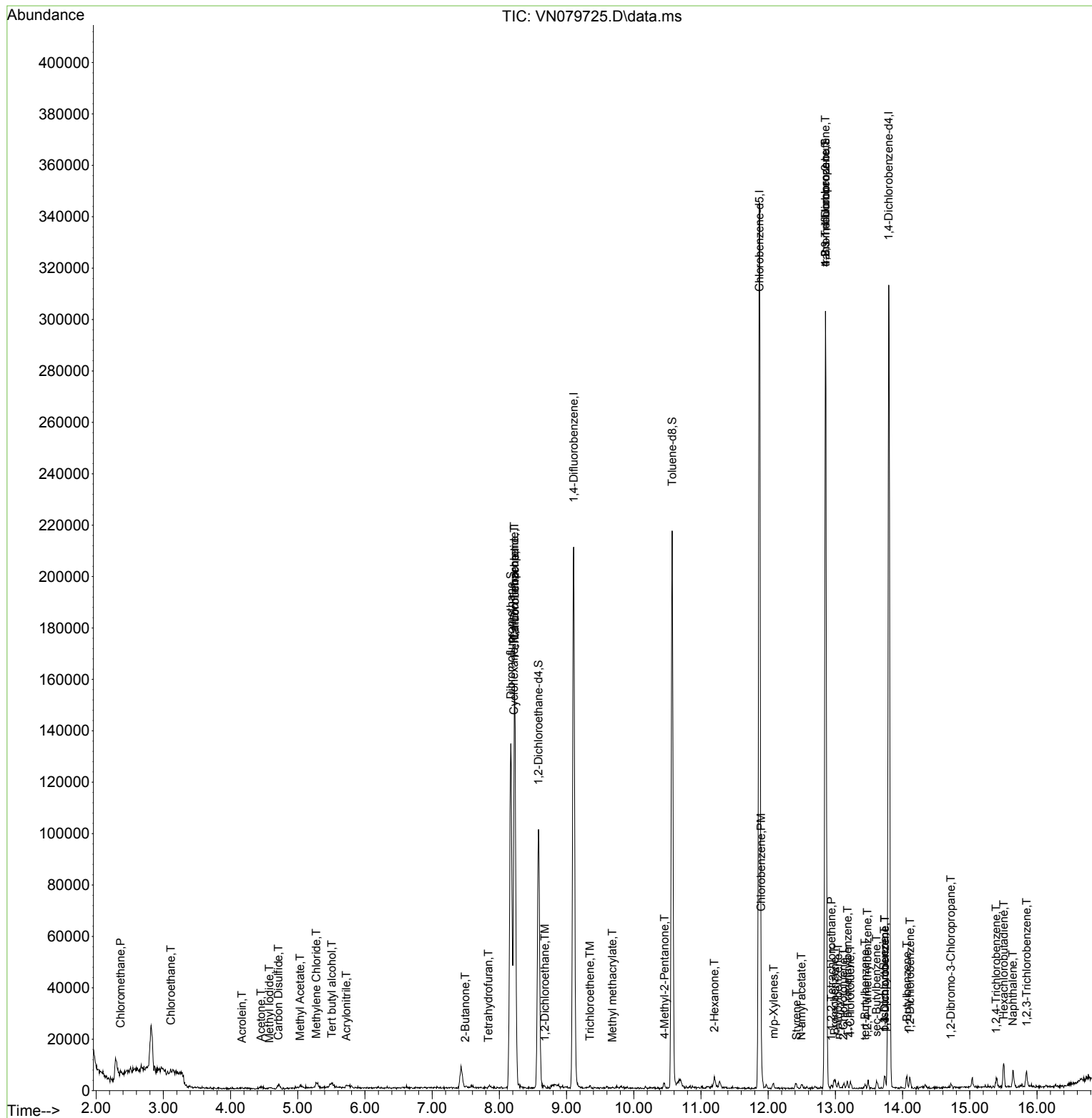
87) 1,3-Dichlorobenzene	13.735	146	1552	0.525	ug/l	87
88) 1,4-Dichlorobenzene	13.735	146	1552	0.527	ug/l	88
89) n-Butylbenzene	14.064	91	2944	0.672	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	1876	0.652	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.717	75	436	1.075	ug/l #	69
93) 1,2,4-Trichlorobenzene	15.394	180	1699	1.982	ug/l	98
94) Hexachlorobutadiene	15.506	225	2129	2.799	ug/l	86
95) Naphthalene	15.641	128	6263	2.517	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.847	180	2444	2.553	ug/l	88

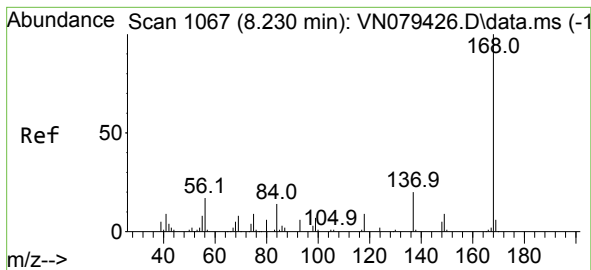
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN079725.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_N

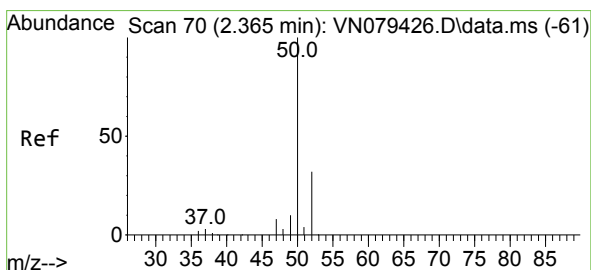
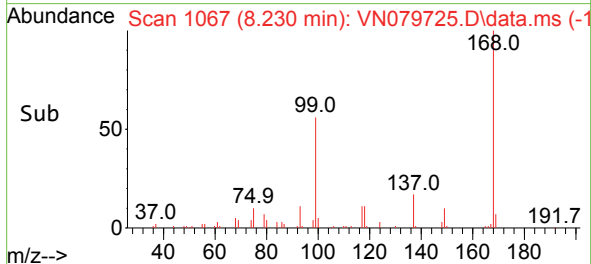
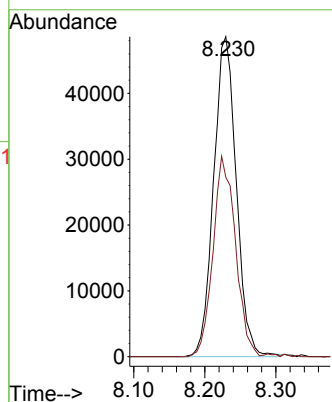
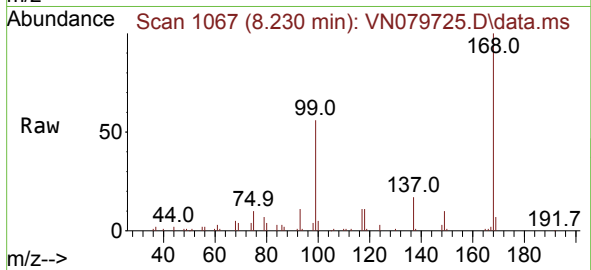
ClientSampleId :

Tgt Ion:168 Resp: 107355

Ion Ratio Lower Upper

168 100

99 56.1 53.0 79.6



#3

Chloromethane

Concen: 0.464 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079725.D

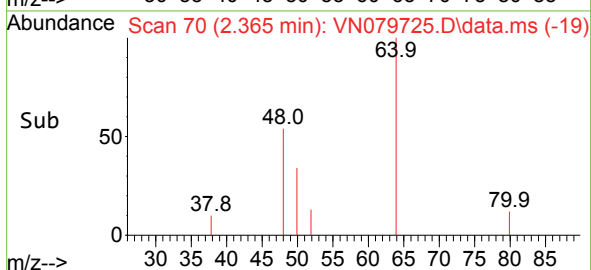
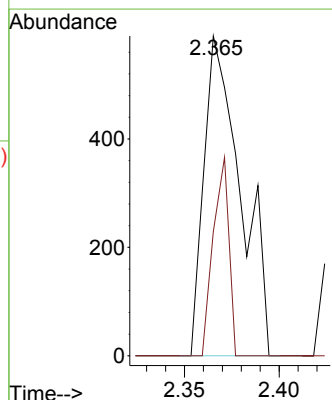
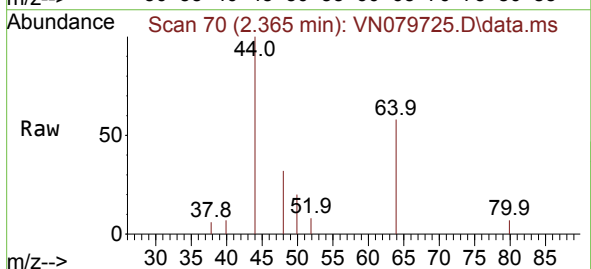
Acq: 30 Oct 2023 16:00

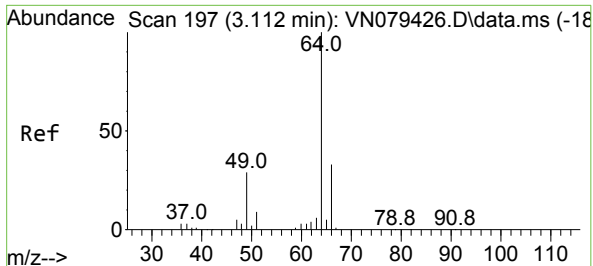
Tgt Ion: 50 Resp: 797

Ion Ratio Lower Upper

50 100

52 38.8 26.5 39.7

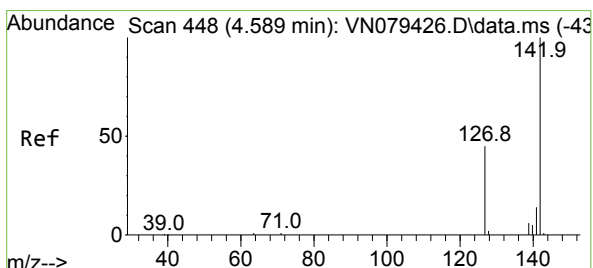
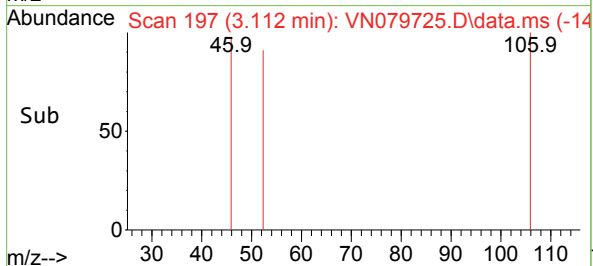
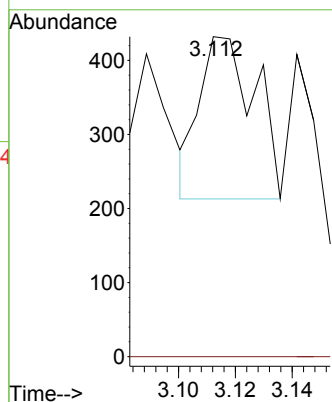
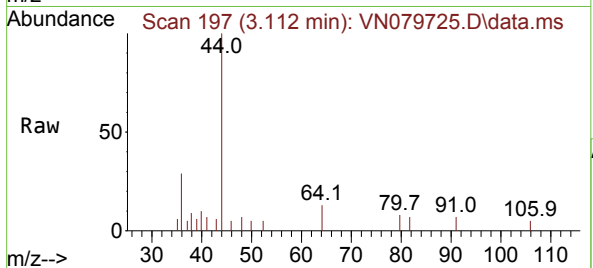




#6
Chloroethane
Concen: 0.219 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

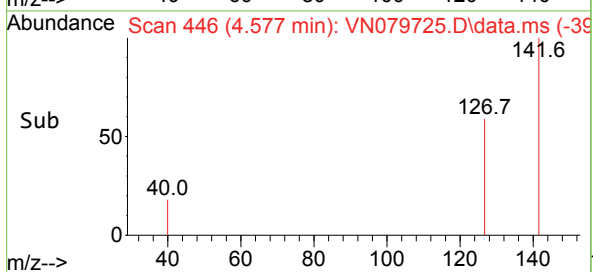
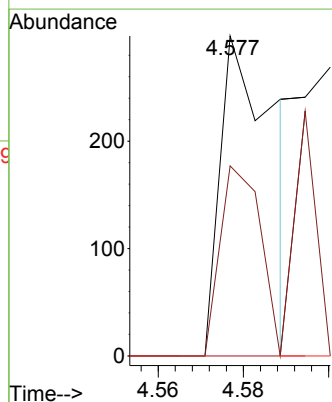
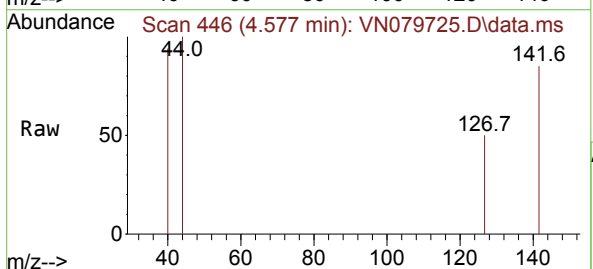
Instrument :
MSVOA_N
ClientSampleId :

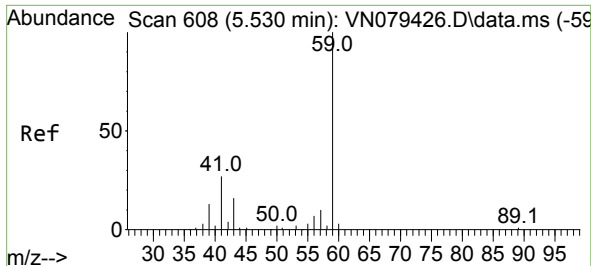
Tgt Ion: 64 Resp: 297
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#10
Methyl Iodide
Concen: 0.211 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.012 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 142 Resp: 267
Ion Ratio Lower Upper
142 100
127 59.4 37.6 56.4#
141 0.0 11.4 17.0#





#11

Tert butyl alcohol

Concen: 4.063 ug/l

RT: 5.506 min Scan# 608

Delta R.T. -0.024 min

Lab File: VN079725.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_N

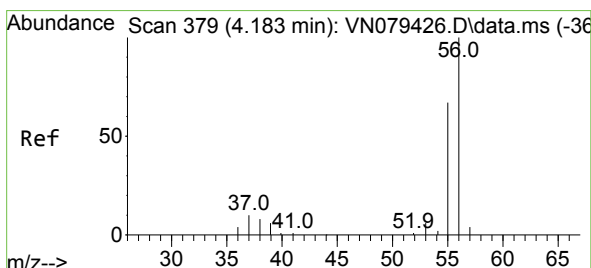
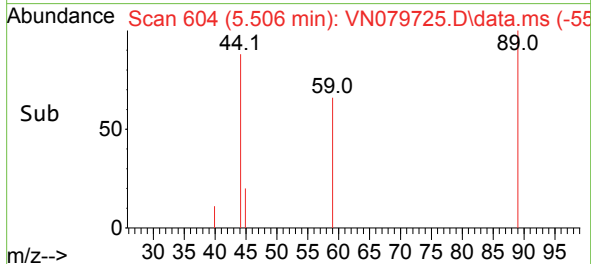
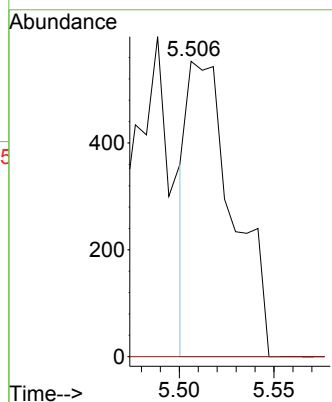
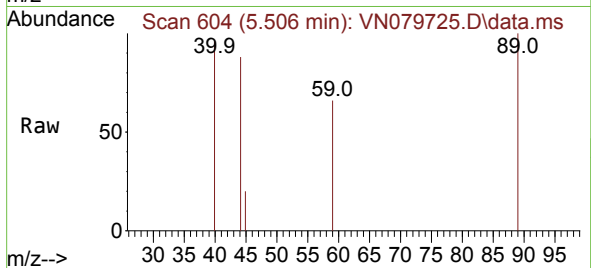
ClientSampleId :

Tgt Ion: 59 Resp: 929

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: 0.261 ug/l

RT: 4.171 min Scan# 377

Delta R.T. -0.012 min

Lab File: VN079725.D

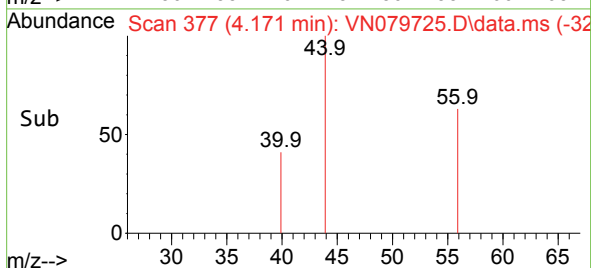
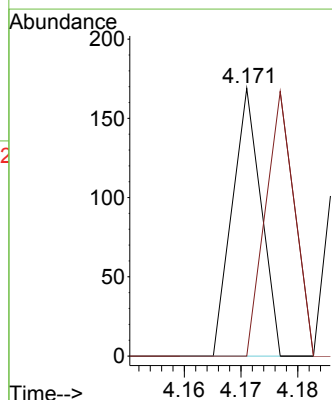
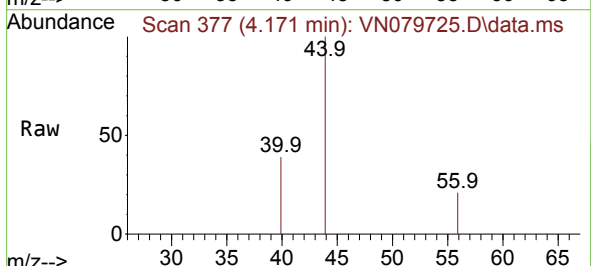
Acq: 30 Oct 2023 16:00

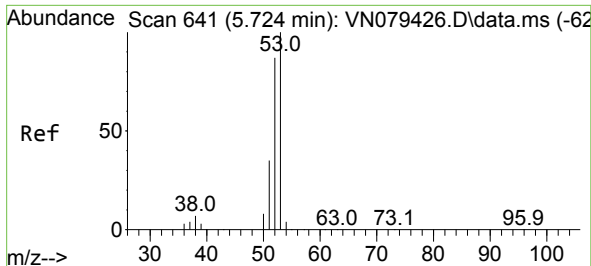
Tgt Ion: 56 Resp: 60

Ion Ratio Lower Upper

56 100

55 98.3 54.5 81.7#

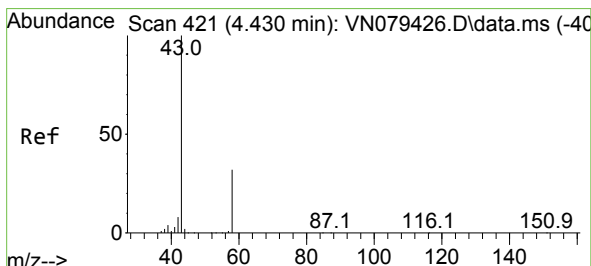
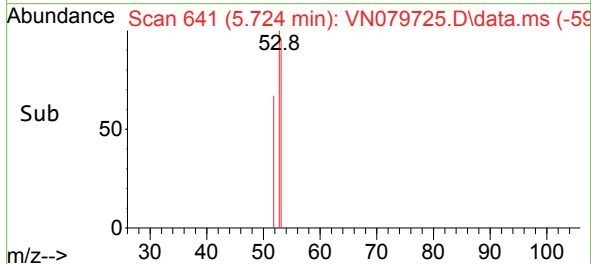
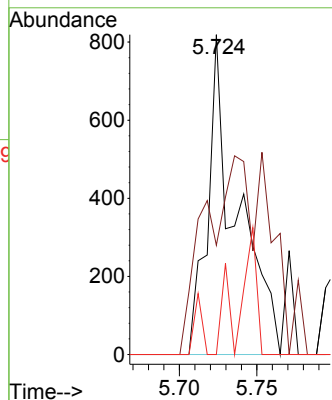
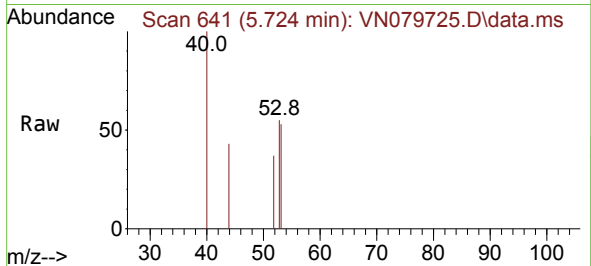




#15
Acrylonitrile
Concen: 1.512 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

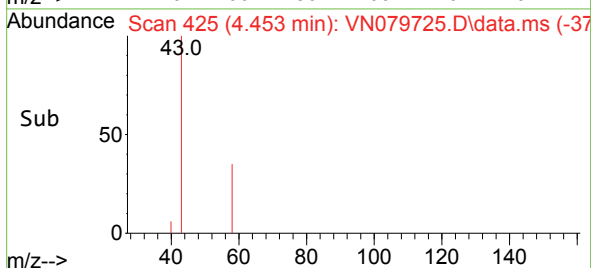
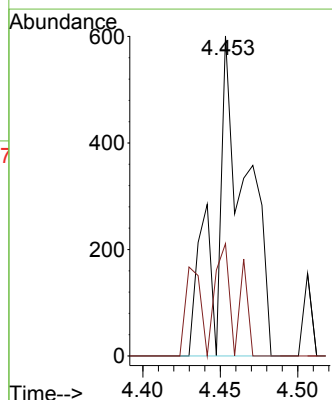
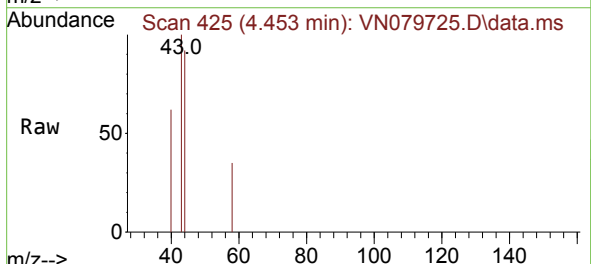
Instrument :
MSVOA_N
ClientSampleId :

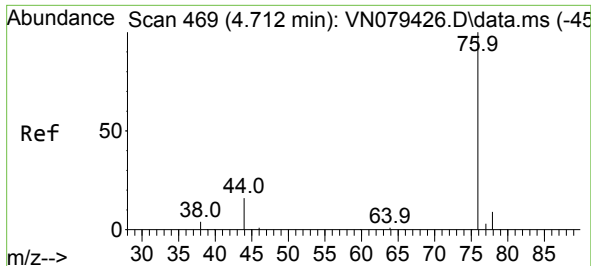
Tgt Ion: 53 Resp: 1064
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 5.2 28.9 43.3#



#16
Acetone
Concen: 1.120 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

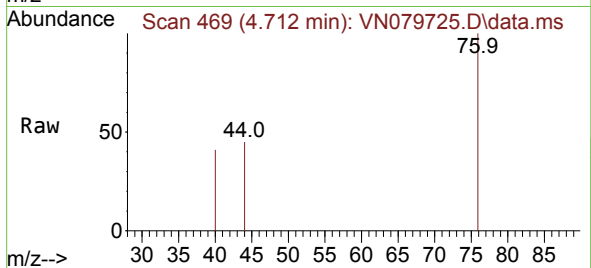
Tgt Ion: 43 Resp: 826
Ion Ratio Lower Upper
43 100
58 35.1 28.0 42.0



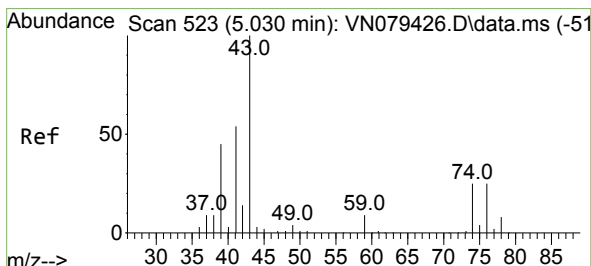
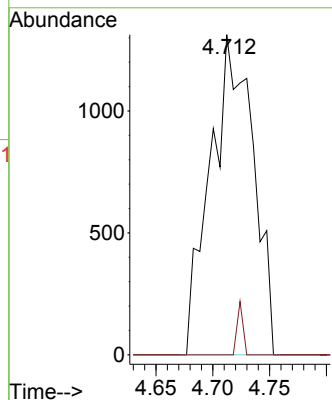
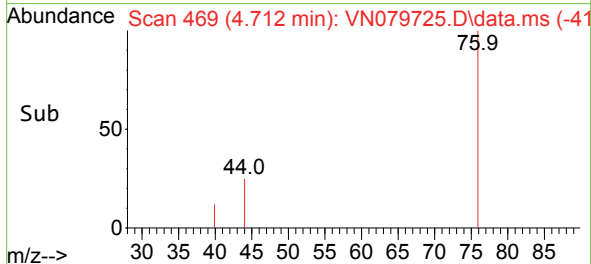


#17
Carbon Disulfide
Concen: 0.953 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

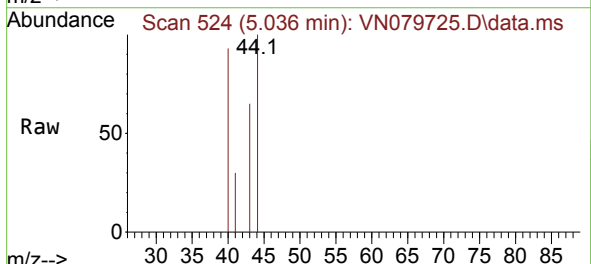
Instrument :
MSVOA_N
ClientSampleId :



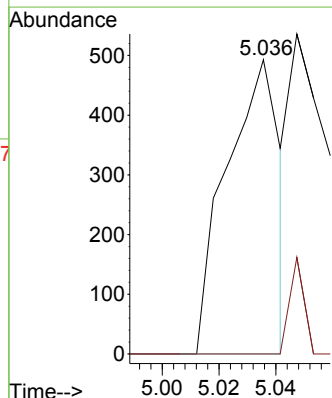
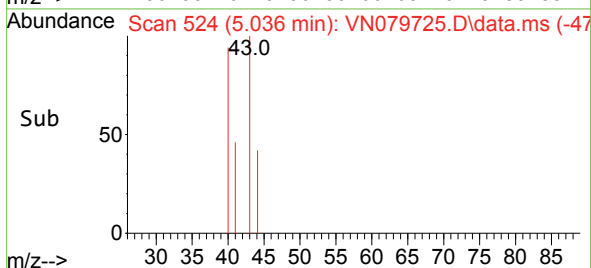
Tgt Ion: 76 Resp: 3431
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

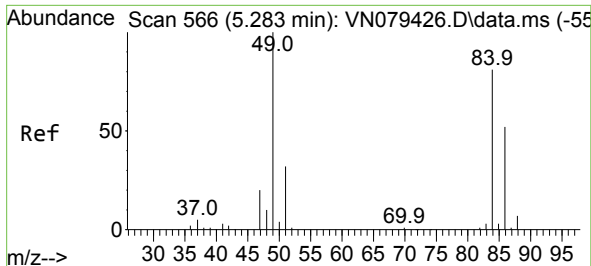


#18
Methyl Acetate
Concen: 0.216 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00



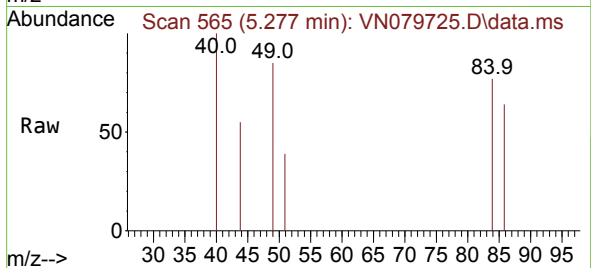
Tgt Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
74 8.9 26.2 39.4#





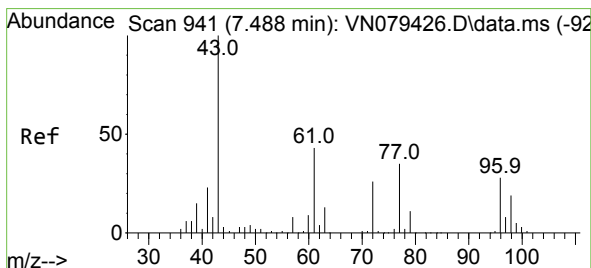
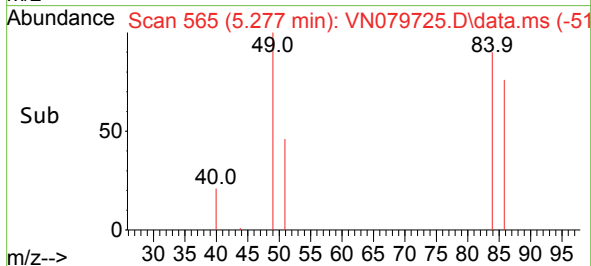
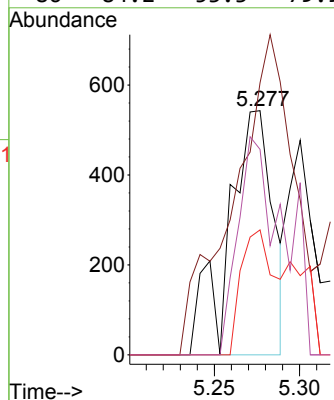
#20
Methylene Chloride
Concen: 0.676 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 988

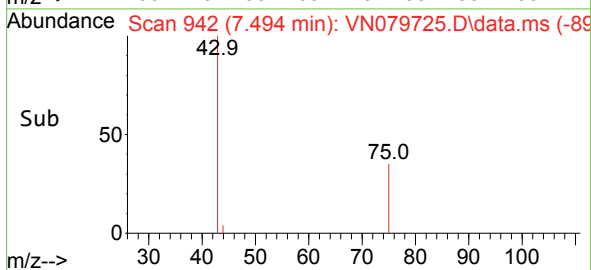
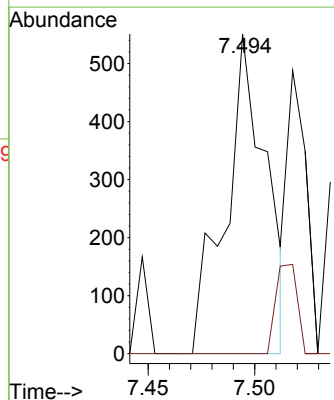
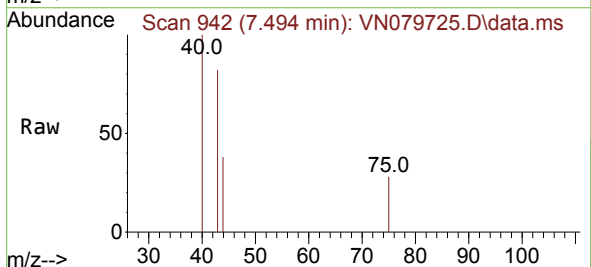
Ion	Ratio	Lower	Upper
84	100		
49	111.4	79.7	119.5
51	51.2	25.2	37.8#
86	84.2	53.3	79.9#

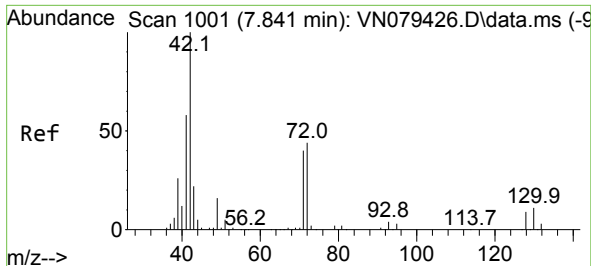


#25
2-Butanone
Concen: 0.717 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 43 Resp: 726

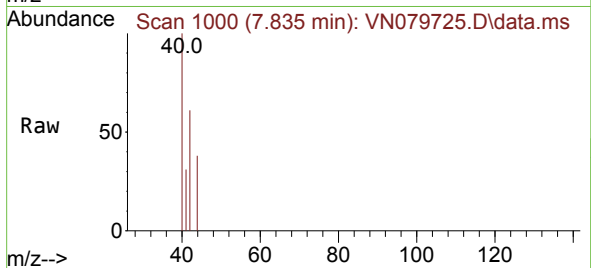
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.2	45.2#



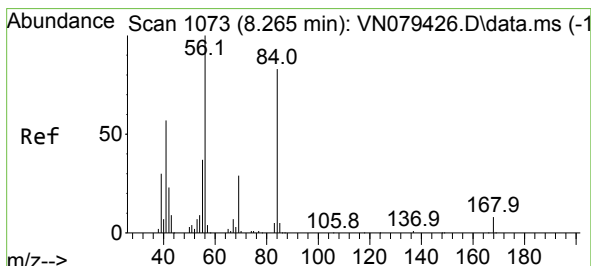
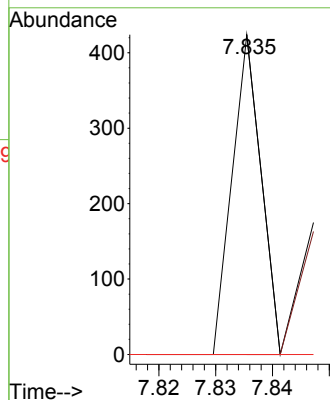
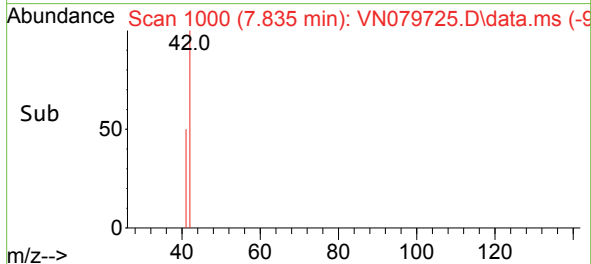


#29
Tetrahydrofuran
Concen: 0.242 ug/l
RT: 7.835 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

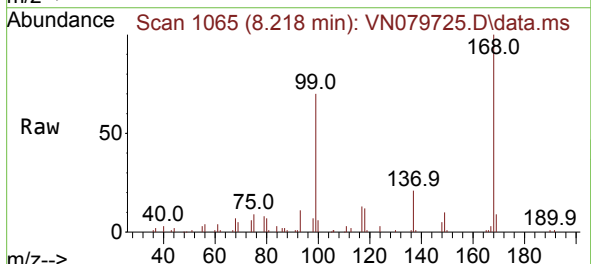
Instrument :
MSVOA_N
ClientSampleId :



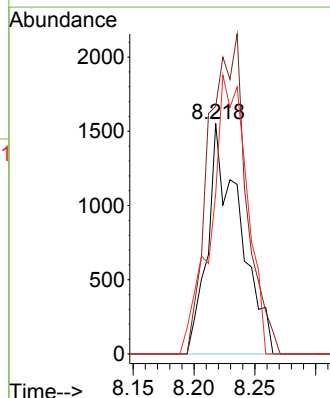
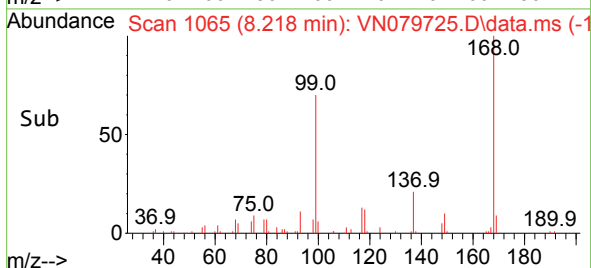
Tgt Ion: 42 Resp: 150
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 0.0 47.4 71.2#

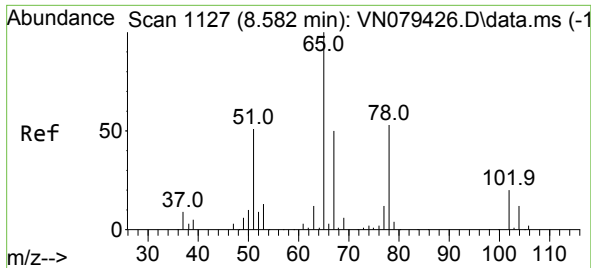


#31
Cyclohexane
Concen: 1.216 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.047 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00



Tgt Ion: 56 Resp: 2859
Ion Ratio Lower Upper
56 100
69 107.5 26.8 40.2#
84 69.6 81.8 122.6#

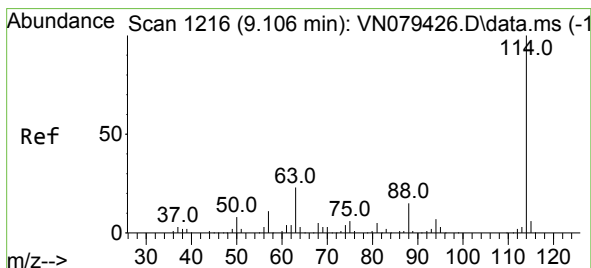
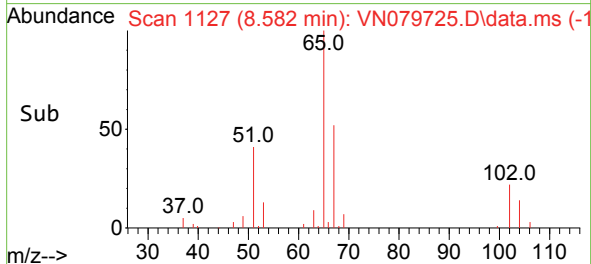
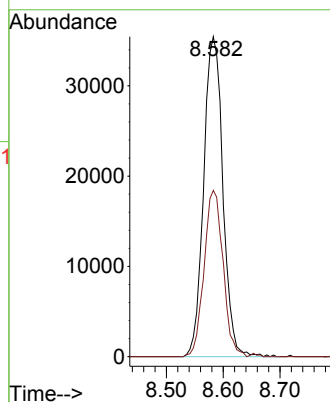
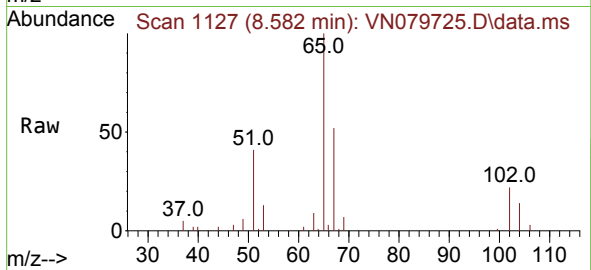




#33
 1,2-Dichloroethane-d4
 Concen: 48.232 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN079725.D
 Acq: 30 Oct 2023 16:00

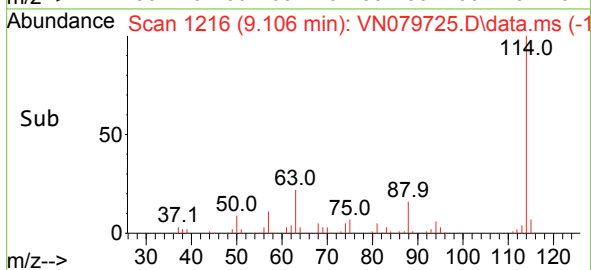
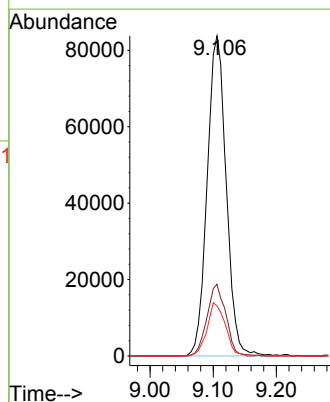
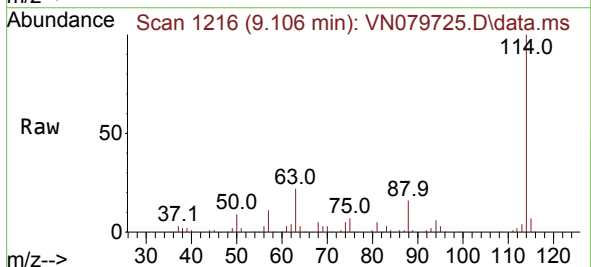
Instrument :
 MSVOA_N
 ClientSampleId :

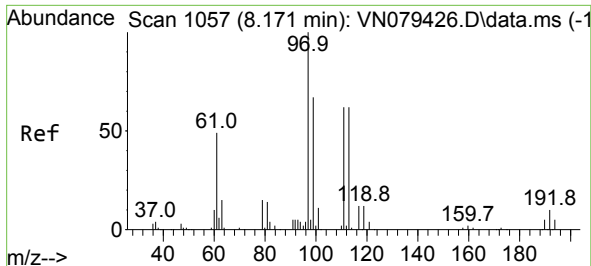
Tgt Ion: 65 Resp: 83153
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN079725.D
 Acq: 30 Oct 2023 16:00

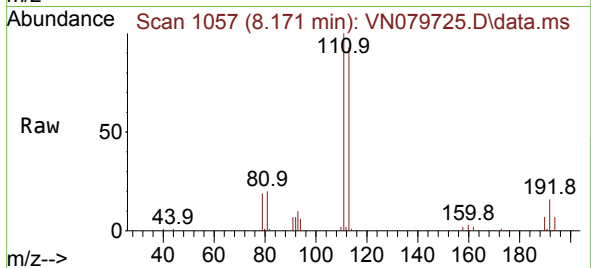
Tgt Ion:114 Resp: 175402
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 36.4
 88 15.7 0.0 30.6



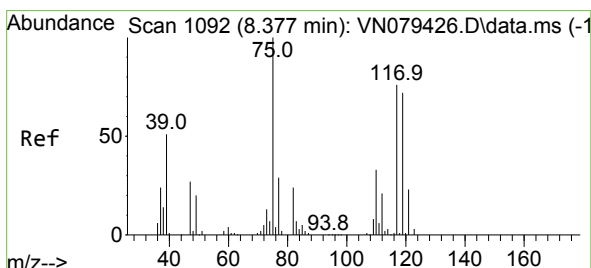
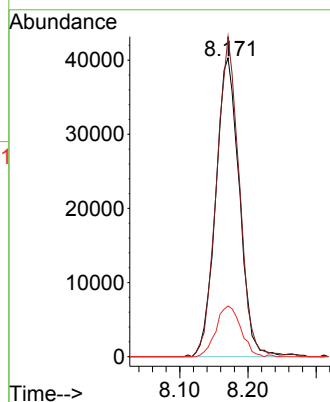
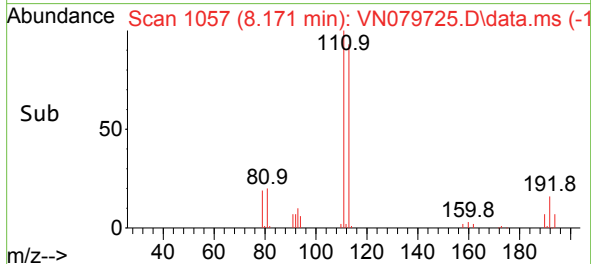


#35
 Dibromofluoromethane
 Concen: 77.402 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VN079725.D
 Acq: 30 Oct 2023 16:00

Instrument :
 MSVOA_N
 ClientSampleId :

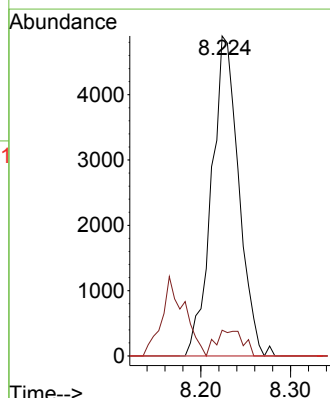
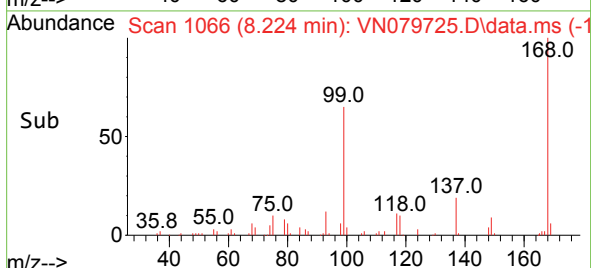
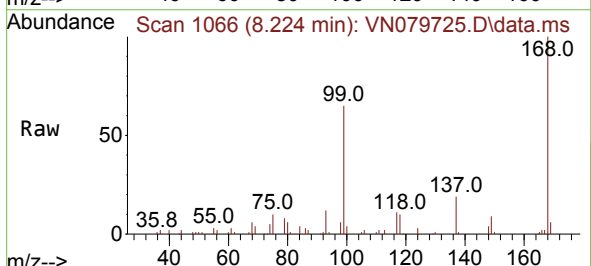


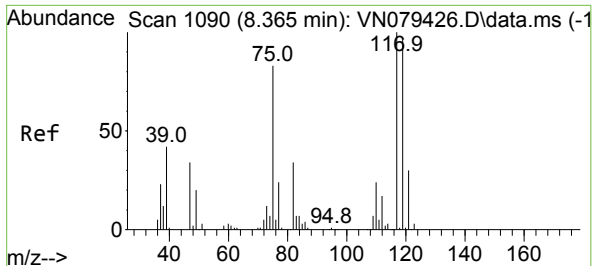
Tgt Ion:113 Resp: 97011
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.6 123.8
 192 17.8 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 5.530 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.153 min
 Lab File: VN079725.D
 Acq: 30 Oct 2023 16:00

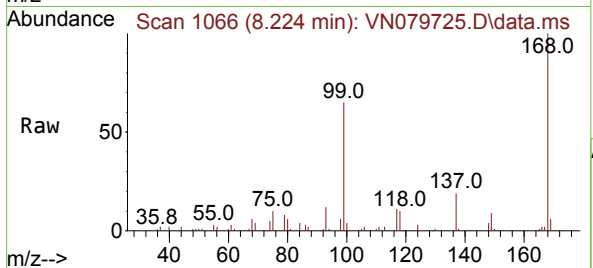
Tgt Ion: 75 Resp: 10283
 Ion Ratio Lower Upper
 75 100
 110 8.0 19.1 57.3#
 77 0.0 25.0 37.4#



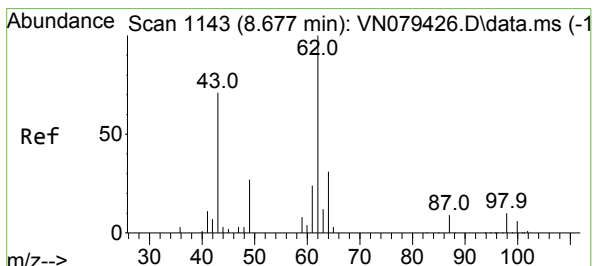
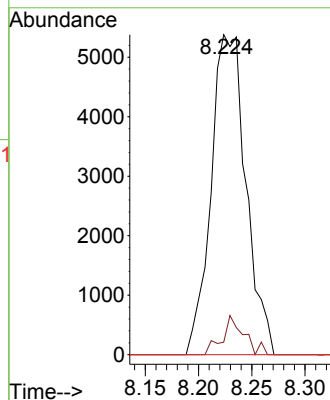
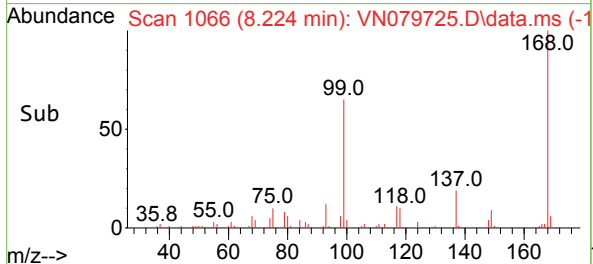


#38
Carbon Tetrachloride
Concen: 6.603 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :

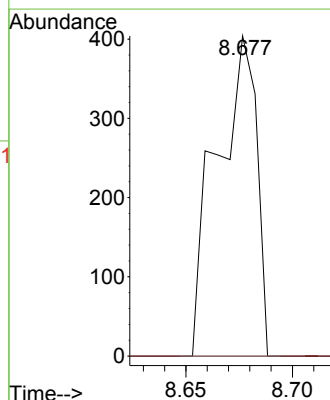
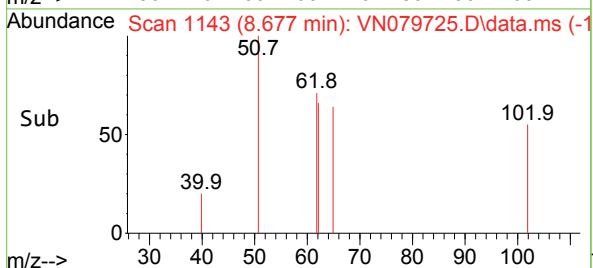
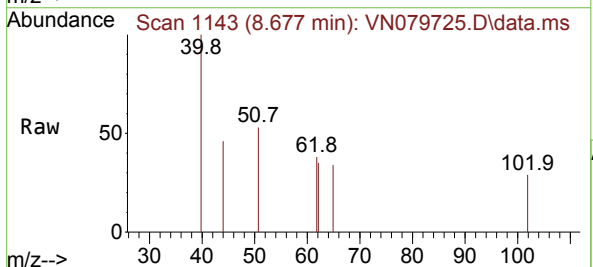


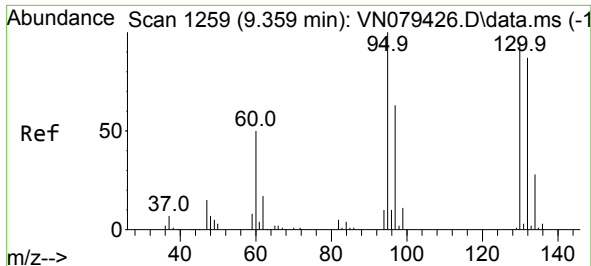
Tgt Ion:117 Resp: 12243
Ion Ratio Lower Upper
117 100
119 3.9 77.3 115.9#
121 0.0 23.3 34.9#



#42
1,2-Dichloroethane
Concen: 0.265 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

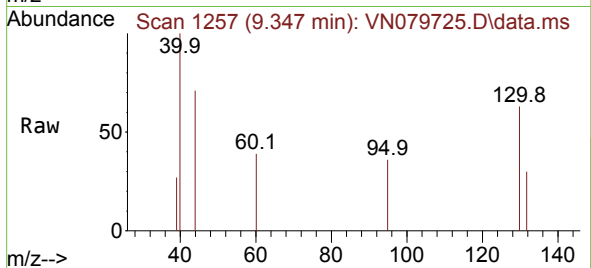
Tgt Ion: 62 Resp: 528
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8



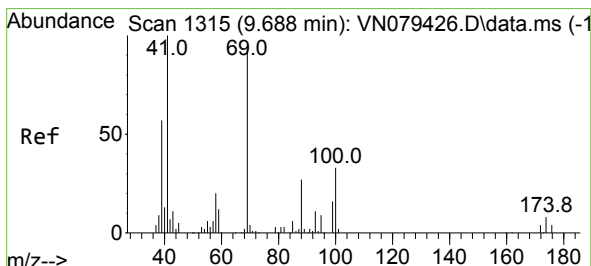
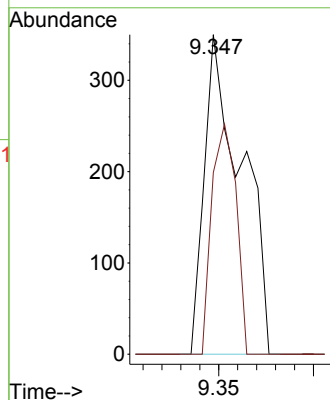
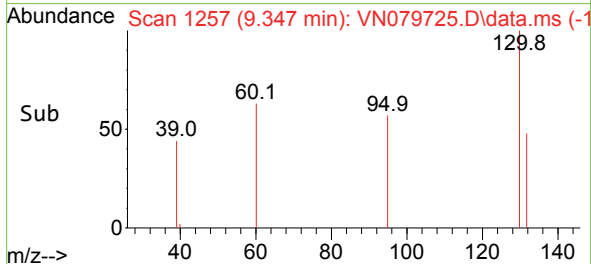


#44
Trichloroethene
Concen: 0.361 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

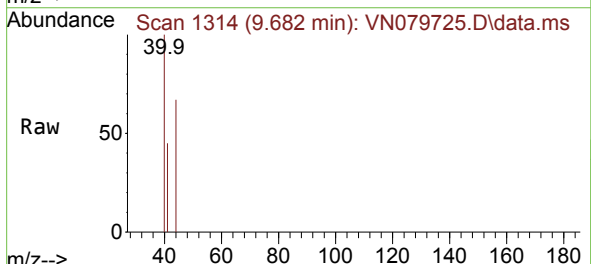
Instrument :
MSVOA_N
ClientSampleId :



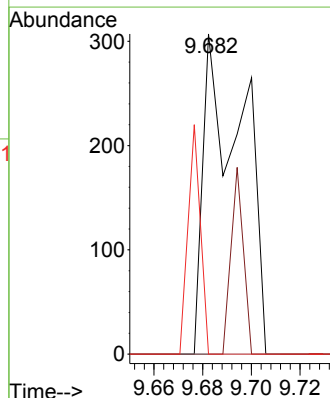
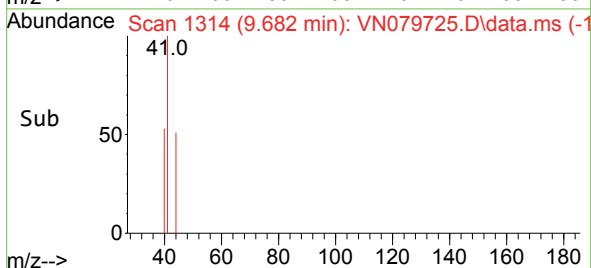
Tgt Ion:130 Resp: 480
Ion Ratio Lower Upper
130 100
95 56.9 0.0 204.6

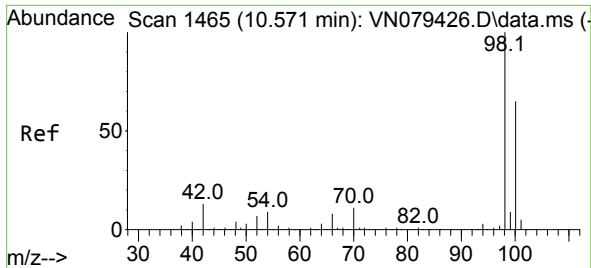


#48
Methyl methacrylate
Concen: 0.247 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00



Tgt Ion: 41 Resp: 337
Ion Ratio Lower Upper
41 100
69 18.7 90.4 135.6#
39 23.1 54.6 81.8#

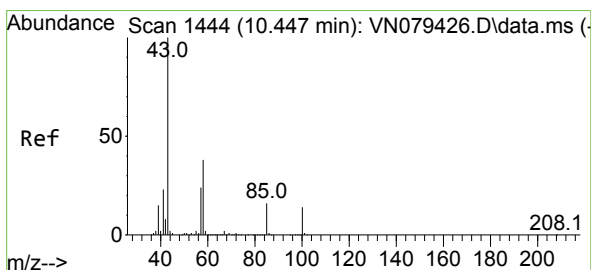
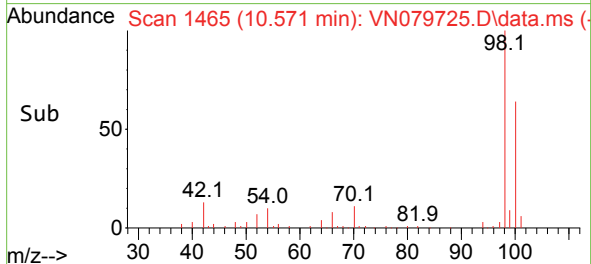
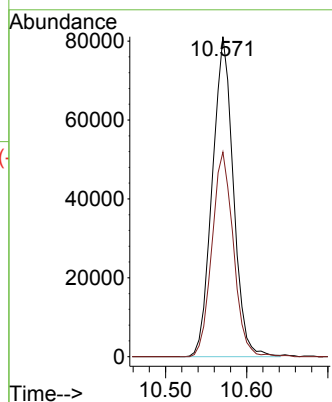
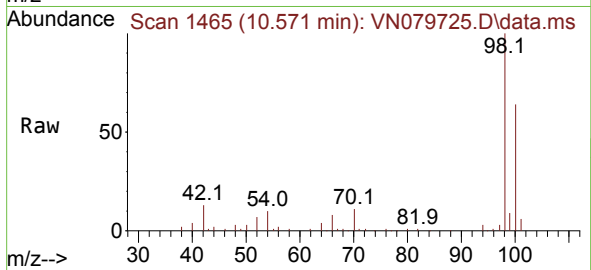




#50
Toluene-d8
Concen: 31.286 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

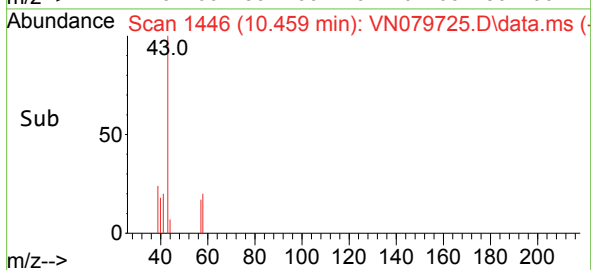
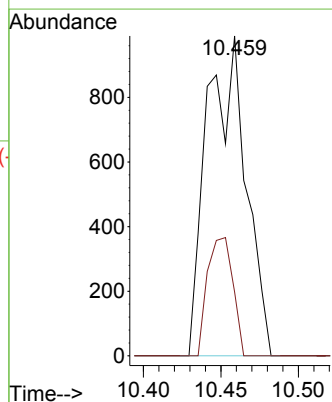
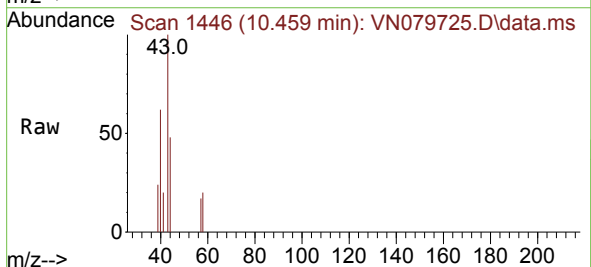
Instrument :
MSVOA_N
ClientSampleId :

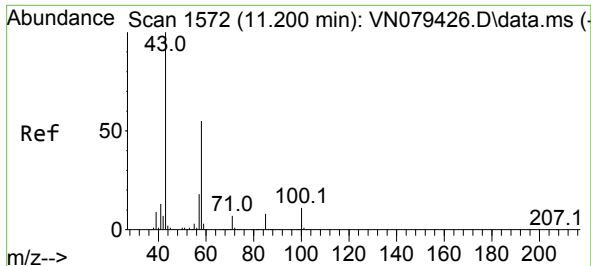
Tgt Ion: 98 Resp: 146174
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.945 ug/l
RT: 10.459 min Scan# 1446
Delta R.T. 0.012 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 43 Resp: 1733
Ion Ratio Lower Upper
43 100
58 24.1 36.6 54.8#

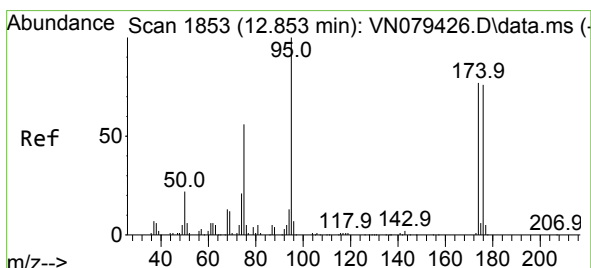
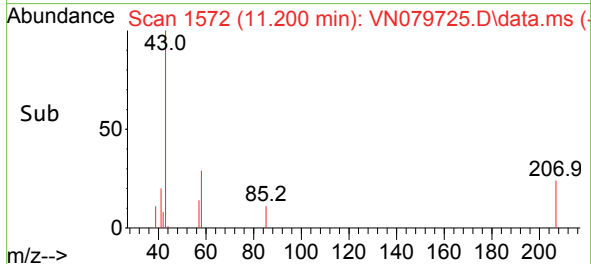
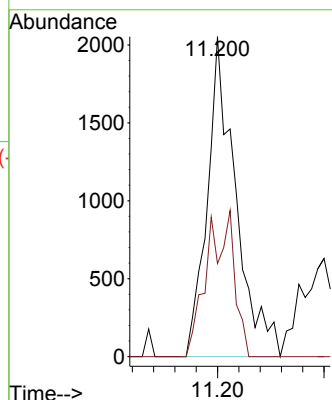
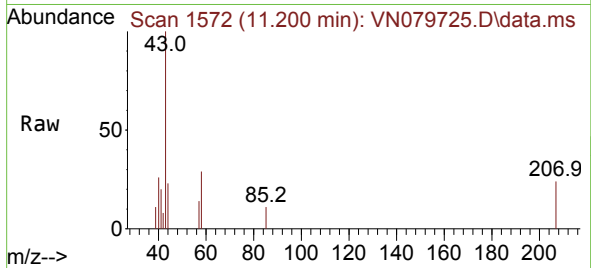




#59
2-Hexanone
Concen: 2.819 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

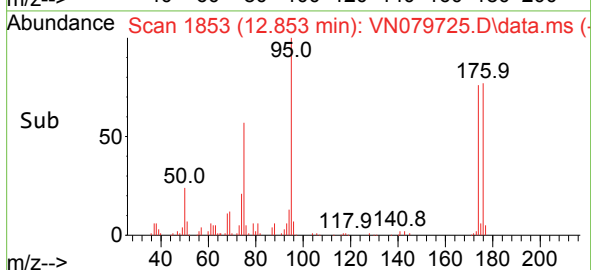
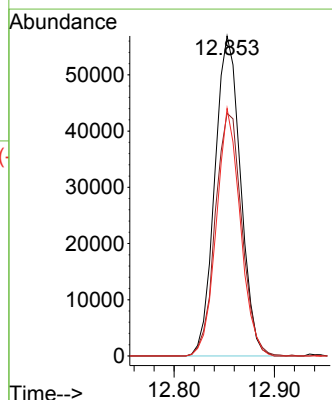
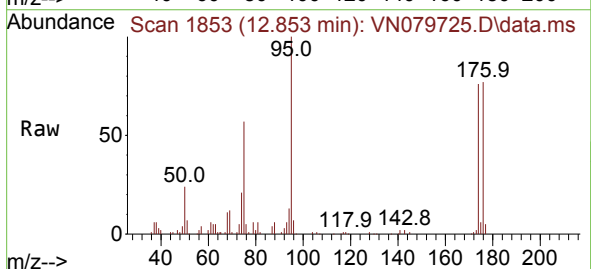
Instrument :
MSVOA_N
ClientSampleId :

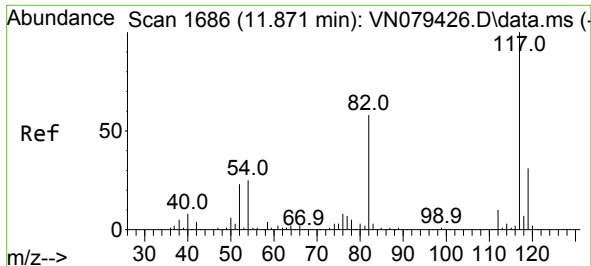
Tgt Ion: 43 Resp: 3800
Ion Ratio Lower Upper
43 100
58 43.3 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 68.843 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 95 Resp: 101292
Ion Ratio Lower Upper
95 100
174 78.6 0.0 143.8
176 72.1 0.0 135.8

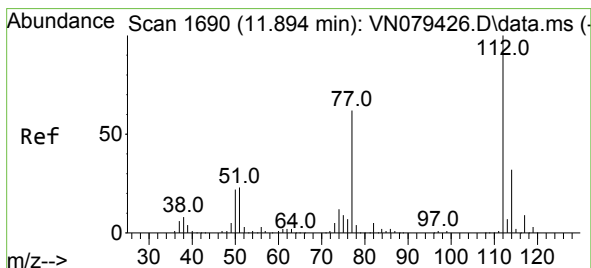
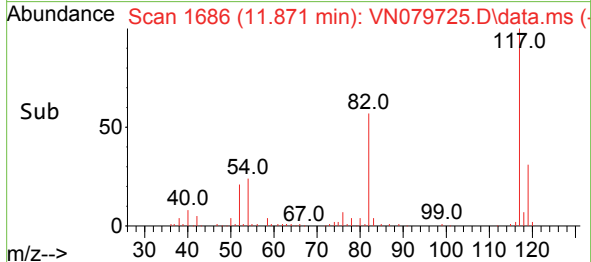
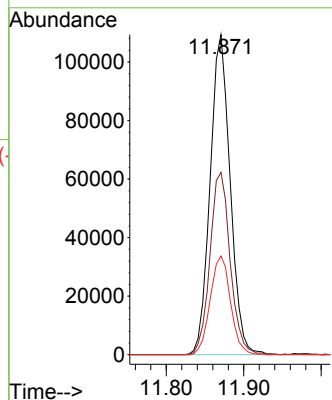
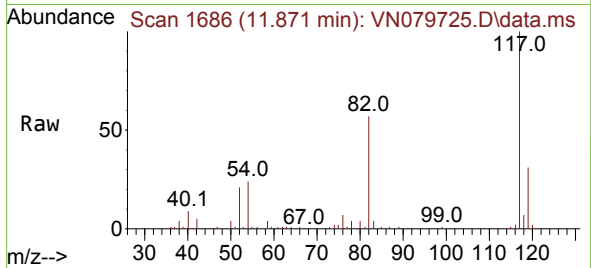




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

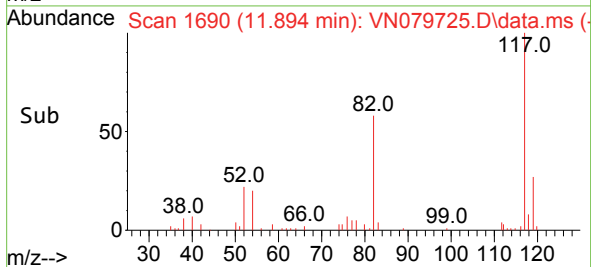
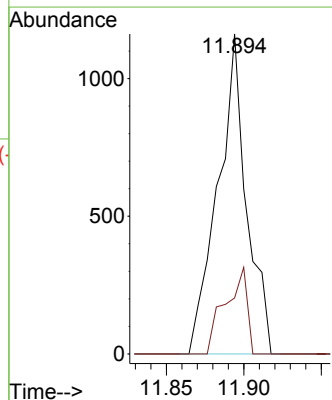
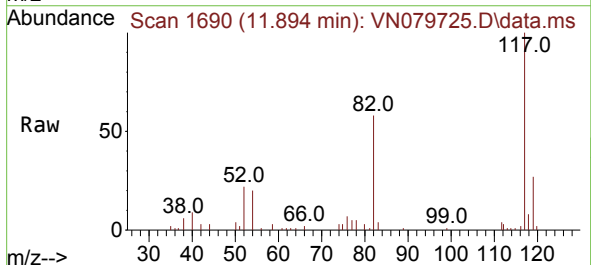
Instrument :
MSVOA_N
ClientSampleId :

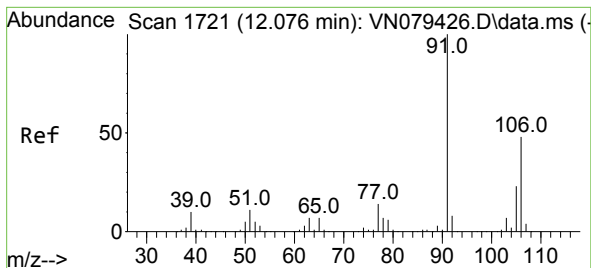
Tgt Ion:117 Resp: 197139
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 30.9 25.6 38.4



#65
Chlorobenzene
Concen: 0.342 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

Tgt Ion:112 Resp: 1492
Ion Ratio Lower Upper
112 100
114 17.5 25.0 37.4#





#68

m/p-Xylenes

Concen: 0.309 ug/l

RT: 12.082 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN079725.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_N

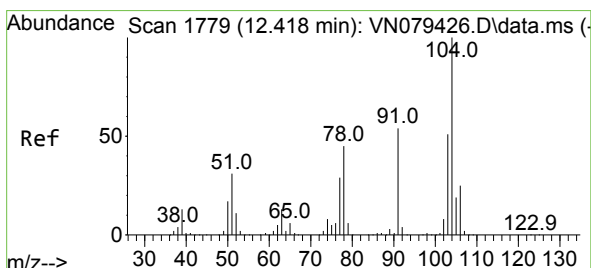
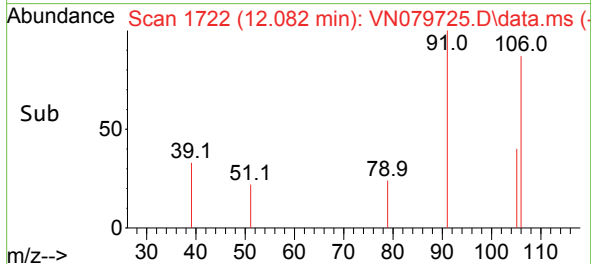
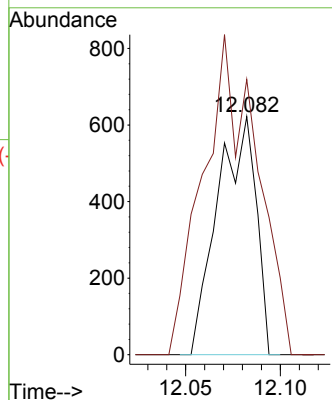
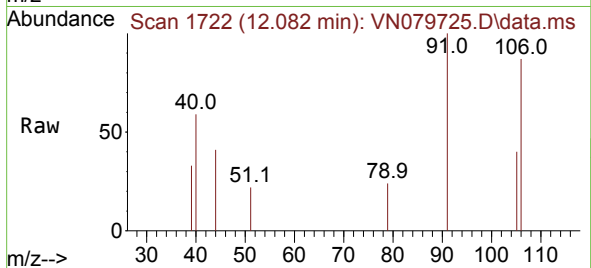
ClientSampleId :

Tgt Ion:106 Resp: 879

Ion Ratio Lower Upper

106 100

91 185.8 159.6 239.4



#70

Styrene

Concen: 0.200 ug/l

RT: 12.423 min Scan# 1780

Delta R.T. 0.005 min

Lab File: VN079725.D

Acq: 30 Oct 2023 16:00

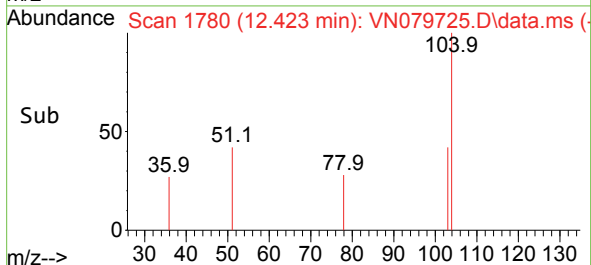
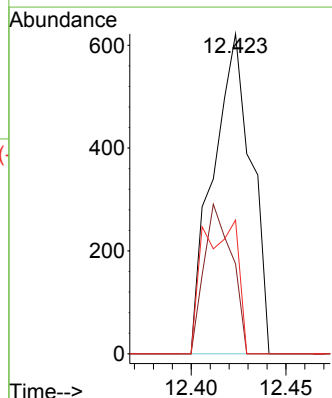
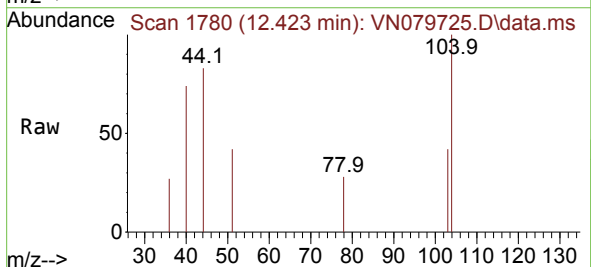
Tgt Ion:104 Resp: 876

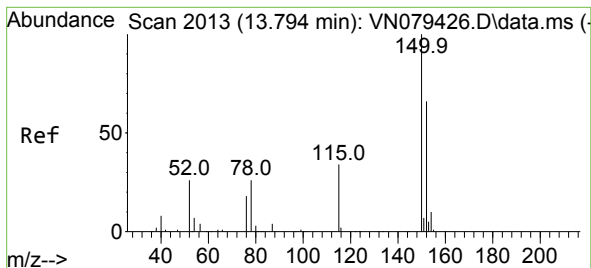
Ion Ratio Lower Upper

104 100

78 34.1 39.5 59.3#

103 37.7 43.2 64.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

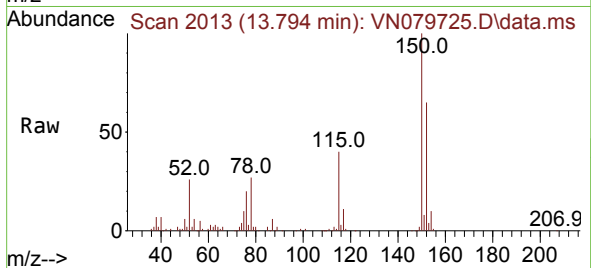
Lab File: VN079725.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :



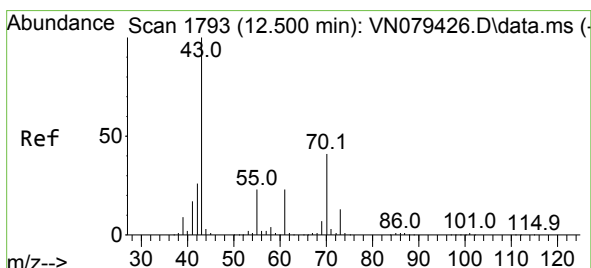
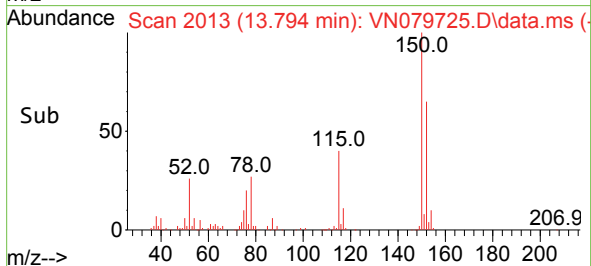
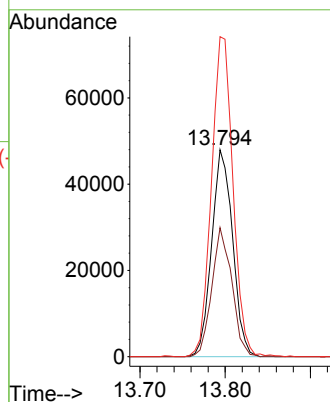
Tgt Ion:152 Resp: 82045

Ion Ratio Lower Upper

152 100

115 59.4 32.3 96.8

150 158.3 0.0 355.8



#74

N-ethyl acetate

Concen: 0.331 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.006 min

Lab File: VN079725.D

Acq: 30 Oct 2023 16:00

Tgt Ion: 43 Resp: 979

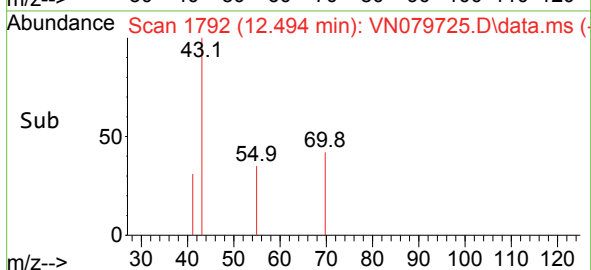
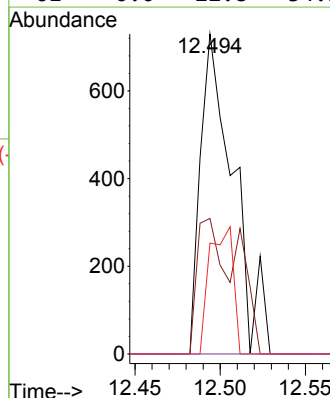
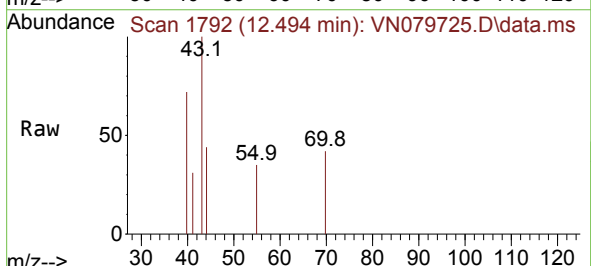
Ion Ratio Lower Upper

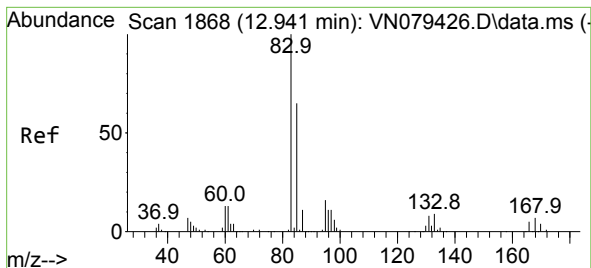
43 100

70 50.9 43.4 65.2

55 28.6 21.4 32.0

61 0.0 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.284 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079725.D

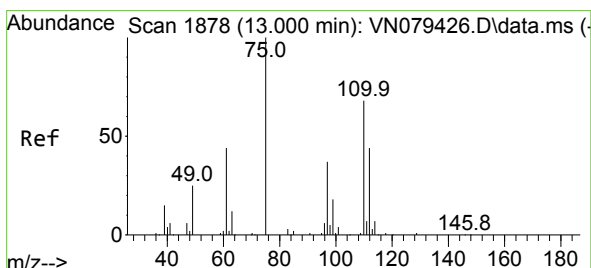
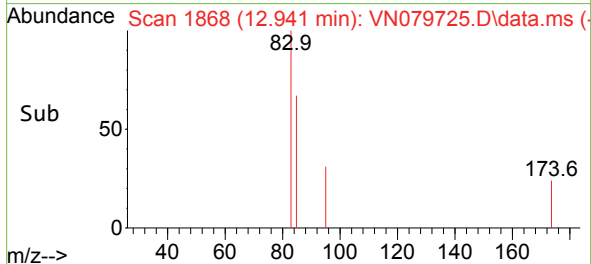
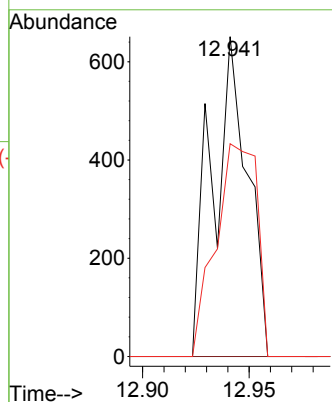
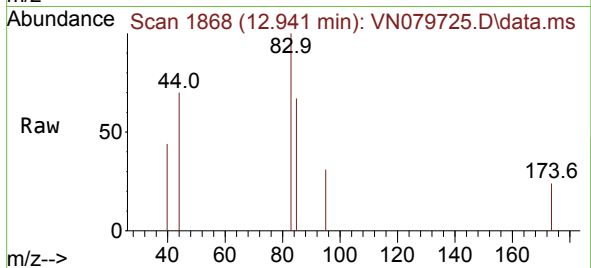
Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	83	Resp:	747
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	15.0#
85	78.3	31.9	95.7



#76

1,2,3-Trichloropropane

Concen: 25.401 ug/l

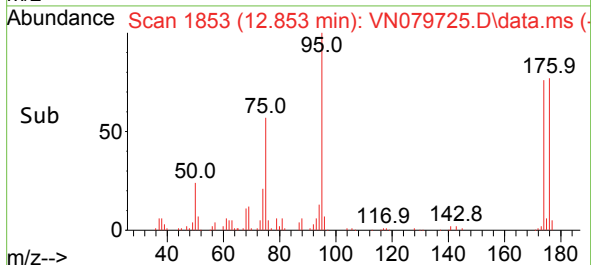
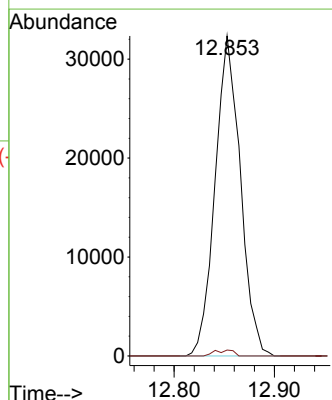
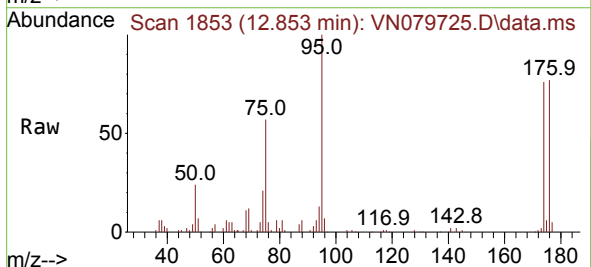
RT: 12.853 min Scan# 1853

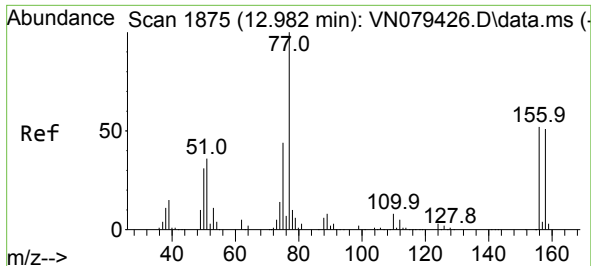
Delta R.T. -0.147 min

Lab File: VN079725.D

Acq: 30 Oct 2023 16:00

Tgt Ion:	75	Resp:	56590
Ion	Ratio	Lower	Upper
75	100		
77	1.4	84.5	253.5#

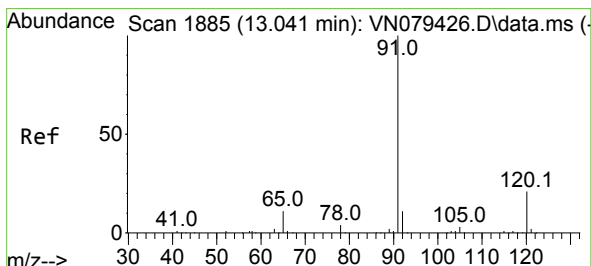
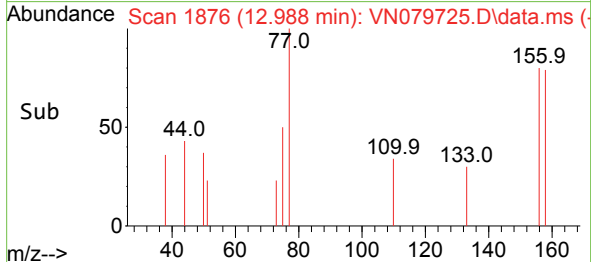
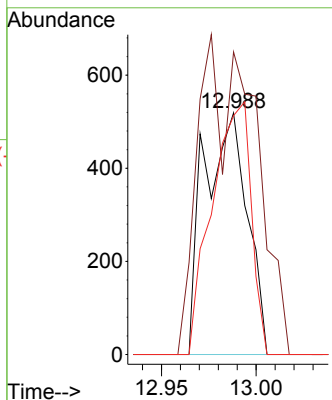
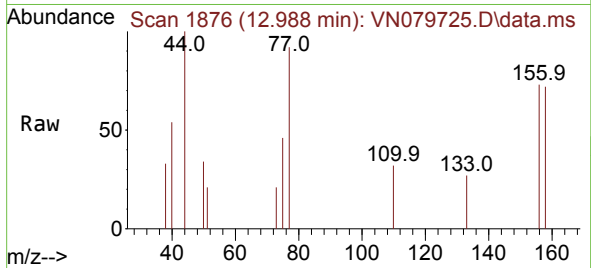




#77
Bromobenzene
Concen: 0.468 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

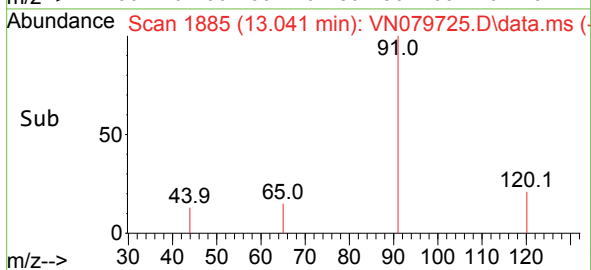
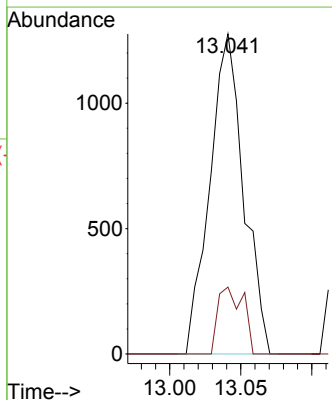
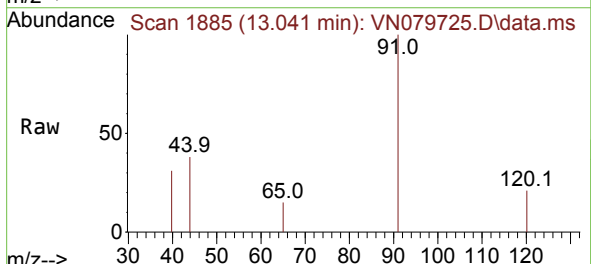
Instrument :
MSVOA_N
ClientSampleId :

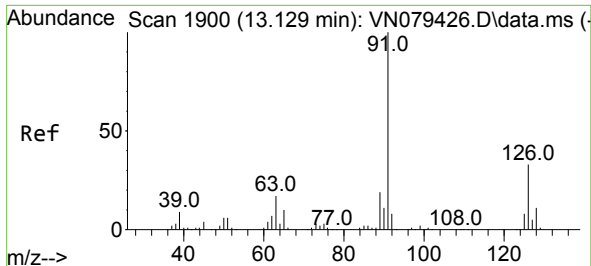
Tgt Ion:156 Resp: 818
Ion Ratio Lower Upper
156 100
77 78.5 107.7 323.3#
158 95.1 48.4 145.3



#78
n-propylbenzene
Concen: 0.247 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

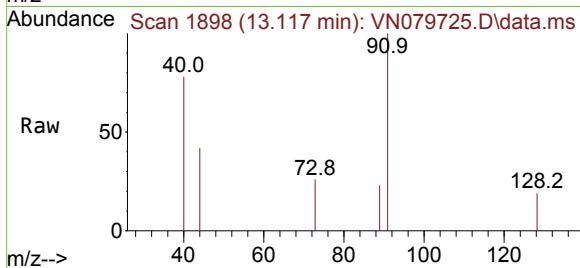
Tgt Ion: 91 Resp: 2118
Ion Ratio Lower Upper
91 100
120 15.5 11.5 34.4



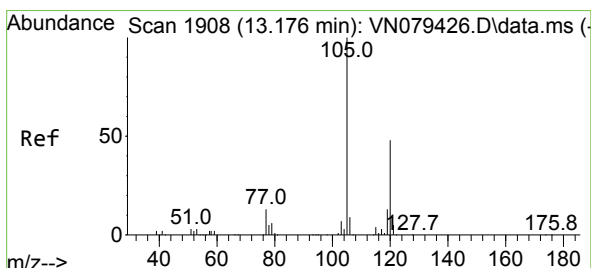
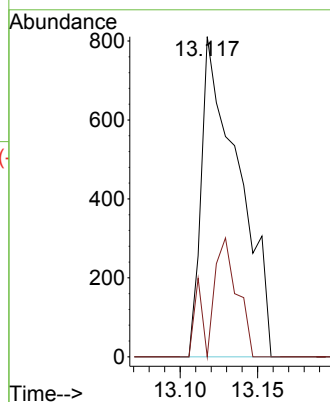
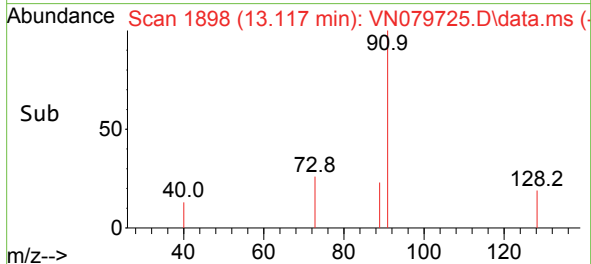


#79
2-Chlorotoluene
Concen: 0.252 ug/l
RT: 13.117 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :

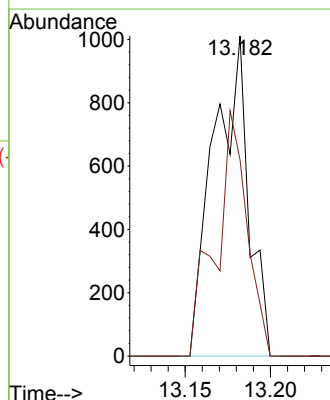
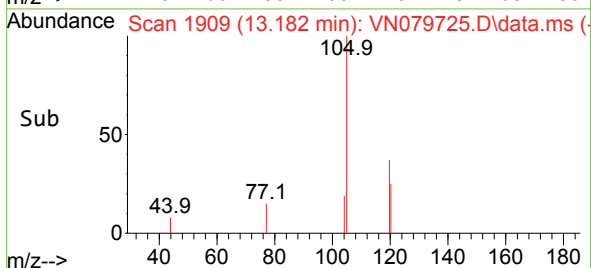
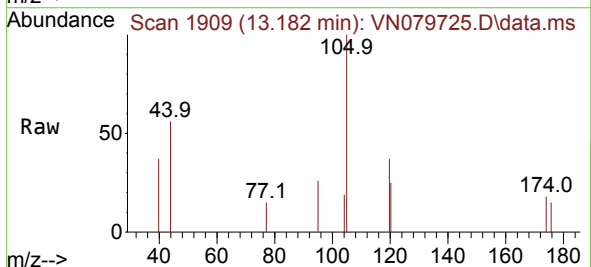


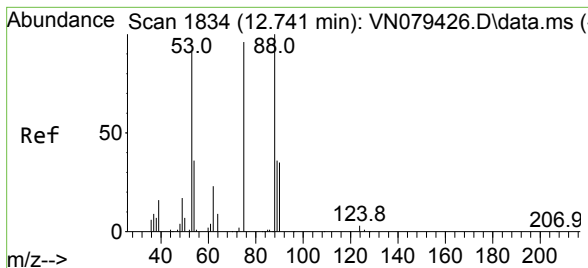
Tgt Ion: 91 Resp: 1344
Ion Ratio Lower Upper
91 100
126 27.5 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.238 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 105 Resp: 1440
Ion Ratio Lower Upper
105 100
120 68.6 24.1 72.3

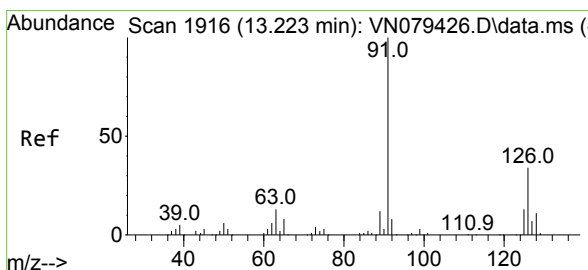
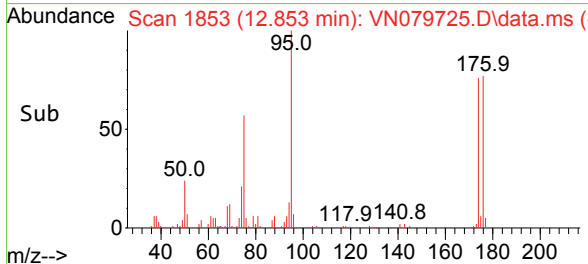
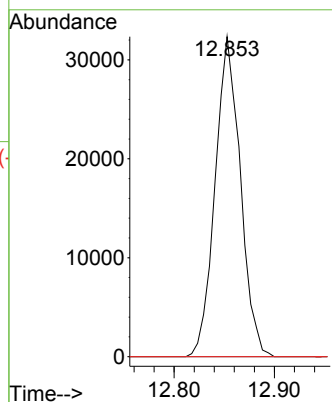
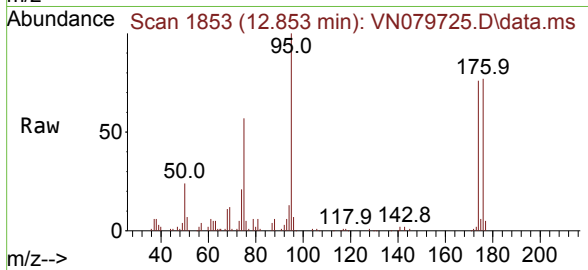




#81
trans-1,4-Dichloro-2-butene
Concen: 76.622 ug/l
RT: 12.853 min Scan# 1834
Delta R.T. 0.112 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

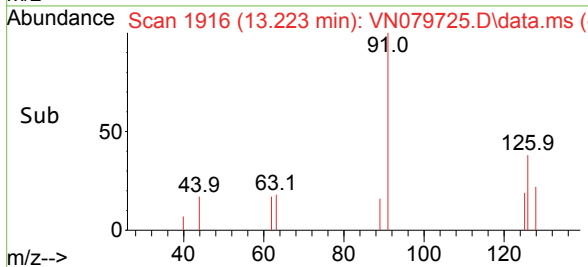
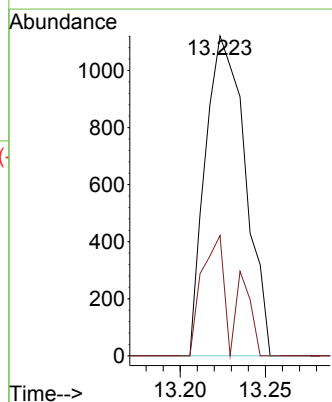
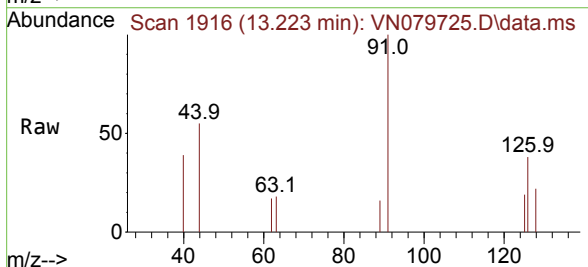
Instrument :
MSVOA_N
ClientSampleId :

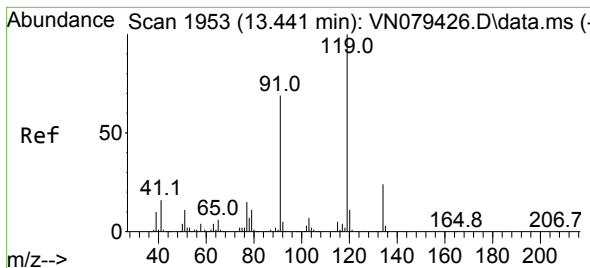
Tgt Ion: 75 Resp: 56590
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.356 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

Tgt Ion: 91 Resp: 1824
Ion Ratio Lower Upper
91 100
126 20.5 16.7 50.0





#83

tert-Butylbenzene

Concen: 0.206 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

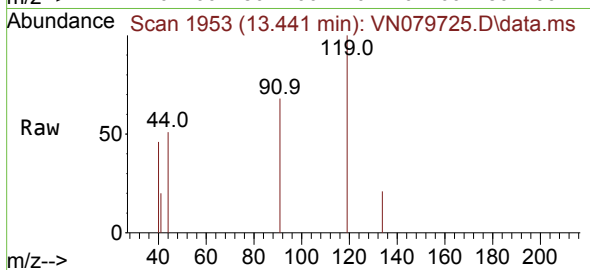
Lab File: VN079725.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :



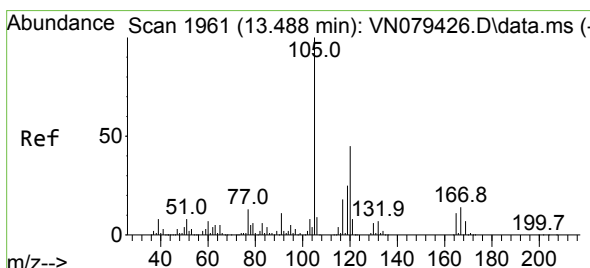
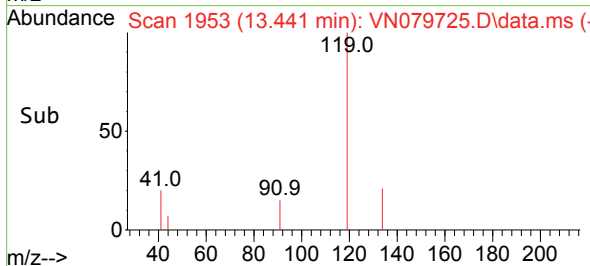
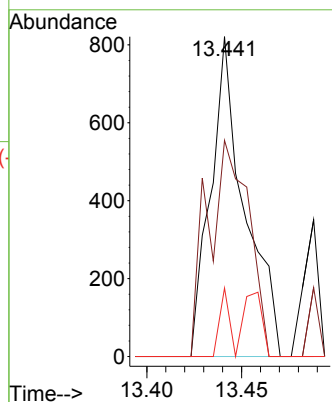
Tgt Ion:119 Resp: 1021

Ion Ratio Lower Upper

119 100

91 81.7 33.9 101.7

134 6.1 13.2 39.6#



#84

1,2,4-Trimethylbenzene

Concen: 0.287 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.012 min

Lab File: VN079725.D

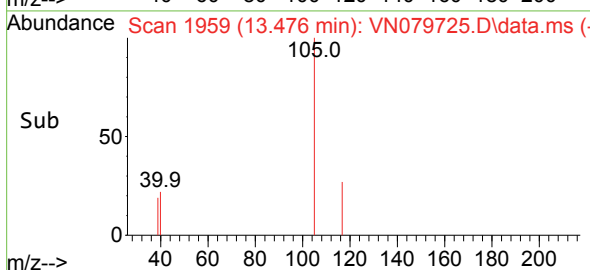
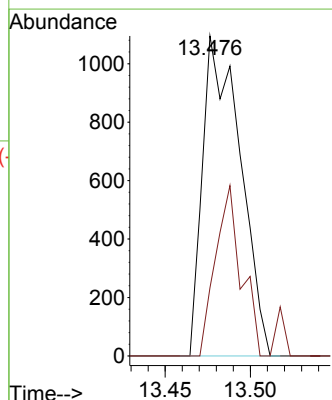
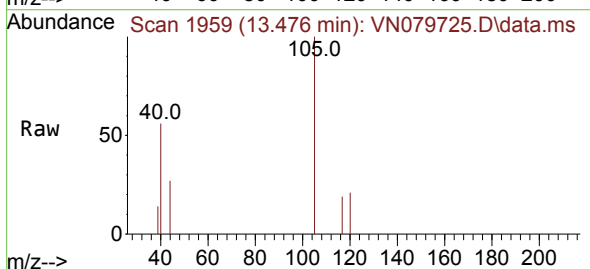
Acq: 30 Oct 2023 16:00

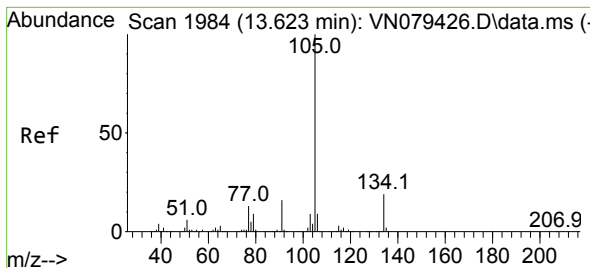
Tgt Ion:105 Resp: 1677

Ion Ratio Lower Upper

105 100

120 36.6 22.0 66.0





#85

sec-Butylbenzene

Concen: 0.345 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.011 min

Lab File: VN079725.D

Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_N

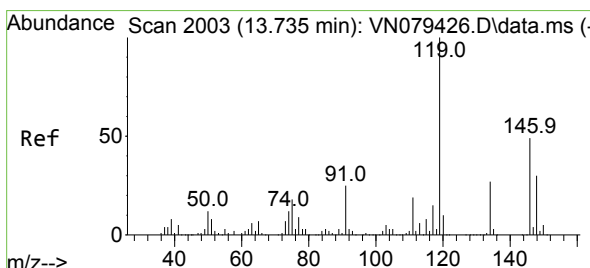
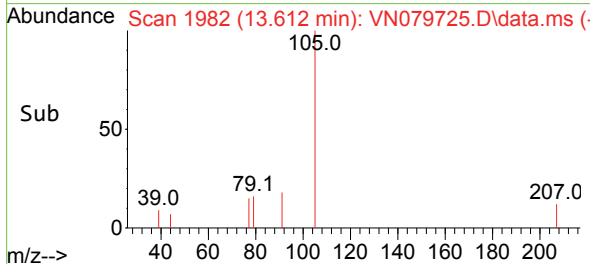
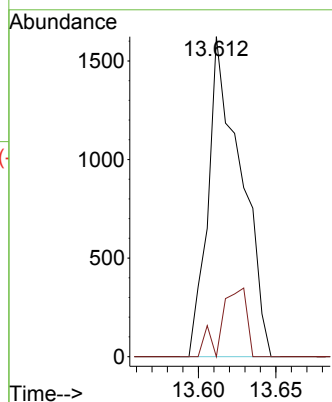
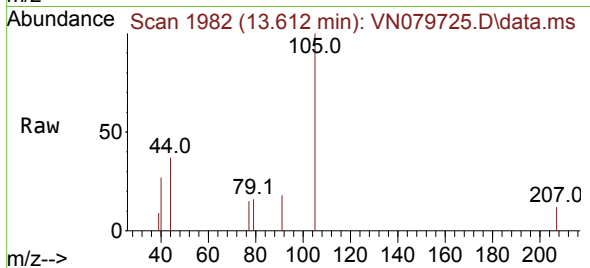
ClientSampleId :

Tgt Ion:105 Resp: 2390

Ion Ratio Lower Upper

105 100

134 16.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 0.246 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.006 min

Lab File: VN079725.D

Acq: 30 Oct 2023 16:00

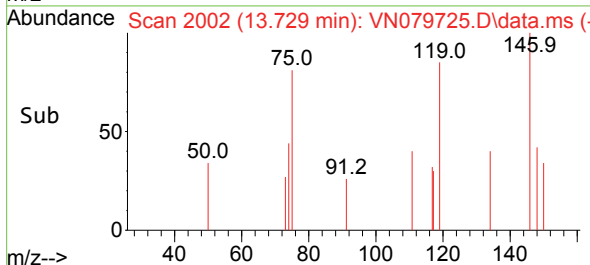
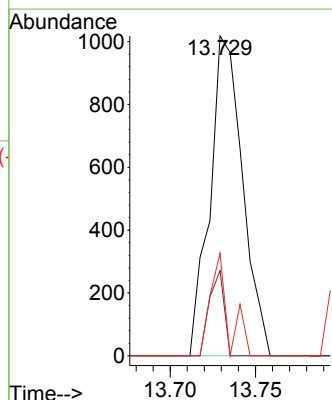
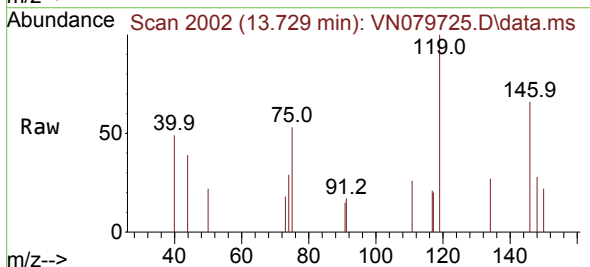
Tgt Ion:119 Resp: 1356

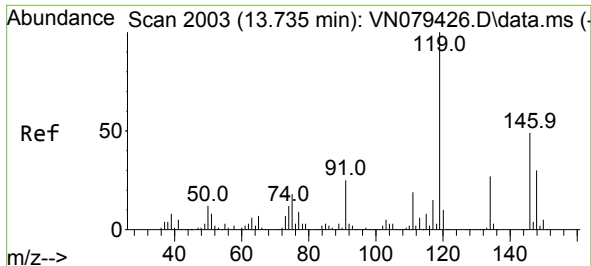
Ion Ratio Lower Upper

119 100

134 11.9 12.6 37.8#

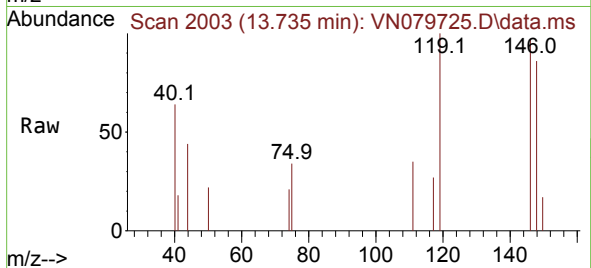
91 17.8 12.4 37.2



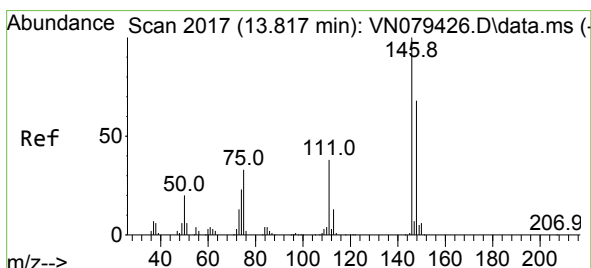
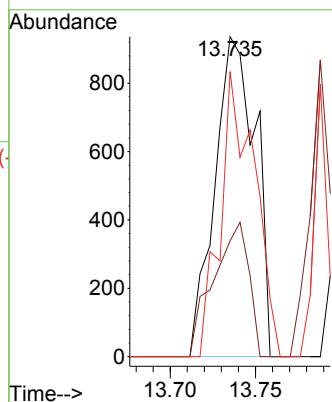
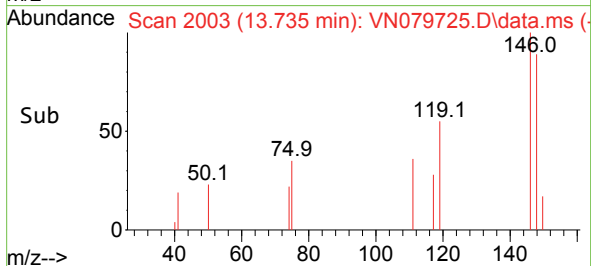


#87
 1,3-Dichlorobenzene
 Concen: 0.525 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079725.D
 Acq: 30 Oct 2023 16:00

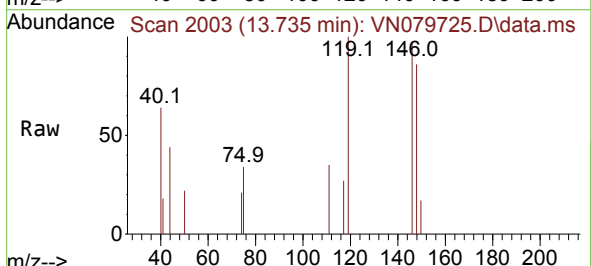
Instrument :
 MSVOA_N
 ClientSampleId :



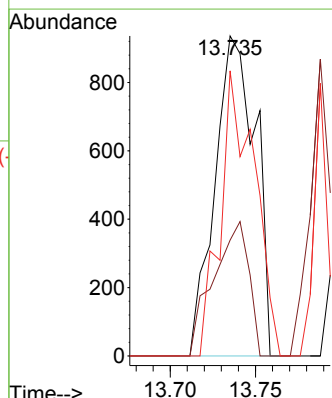
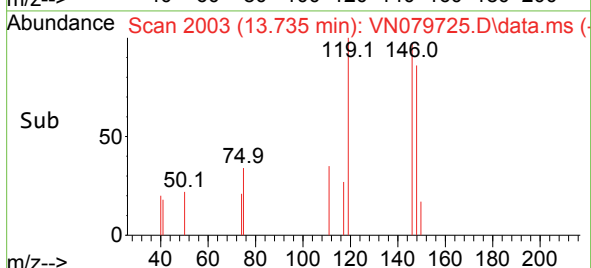
Tgt Ion:146 Resp: 1552
 Ion Ratio Lower Upper
 146 100
 111 36.5 22.1 66.3
 148 75.2 32.0 96.0

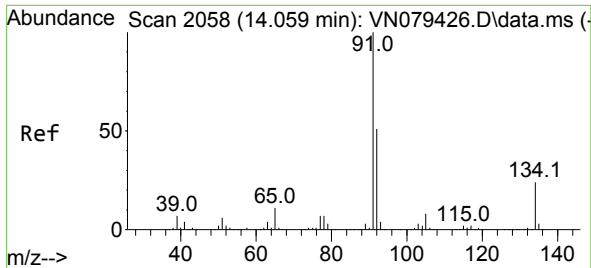


#88
 1,4-Dichlorobenzene
 Concen: 0.527 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.082 min
 Lab File: VN079725.D
 Acq: 30 Oct 2023 16:00



Tgt Ion:146 Resp: 1552
 Ion Ratio Lower Upper
 146 100
 111 36.5 20.6 61.8
 148 75.2 31.6 94.8





#89

n-Butylbenzene

Concen: 0.672 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.005 min

Lab File: VN079725.D

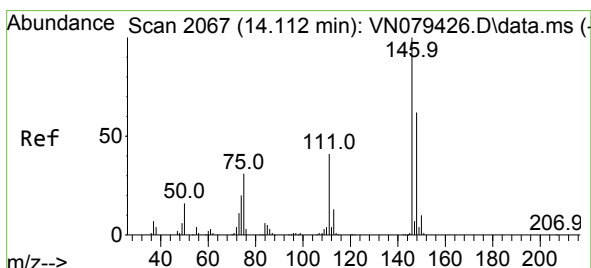
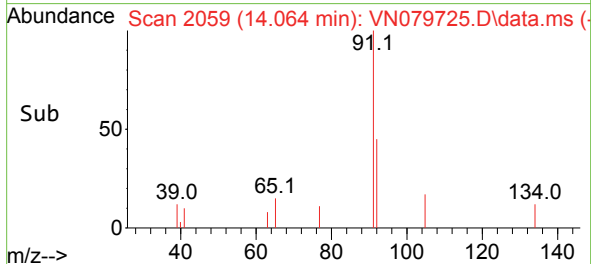
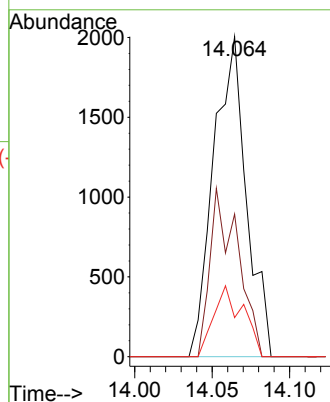
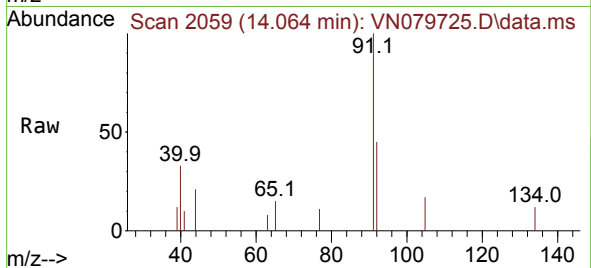
Acq: 30 Oct 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91	Resp: 2944
Ion Ratio	Lower Upper
91 100	
92 44.7	26.4 79.0
134 19.8	12.6 37.6



#91

1,2-Dichlorobenzene

Concen: 0.652 ug/l

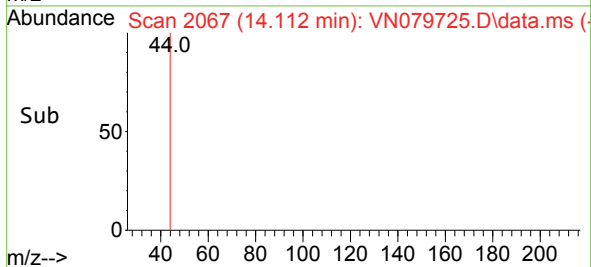
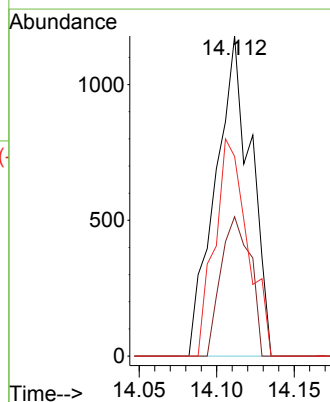
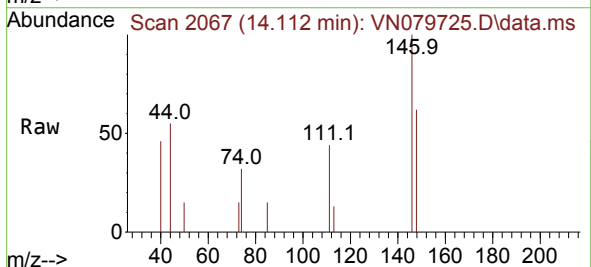
RT: 14.112 min Scan# 2067

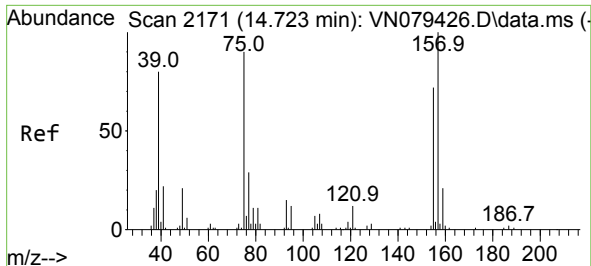
Delta R.T. -0.000 min

Lab File: VN079725.D

Acq: 30 Oct 2023 16:00

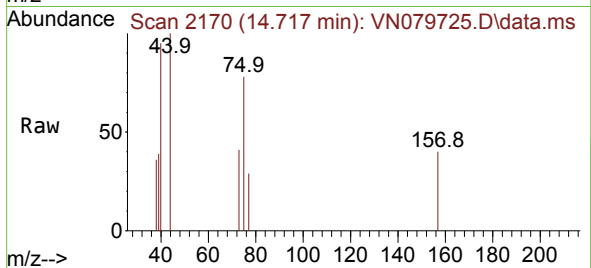
Tgt Ion: 146	Resp: 1876
Ion Ratio	Lower Upper
146 100	
111 36.2	22.0 66.0
148 62.7	31.8 95.3



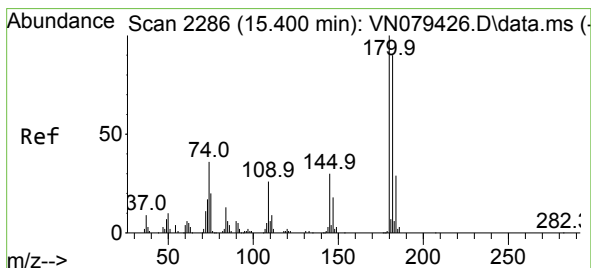
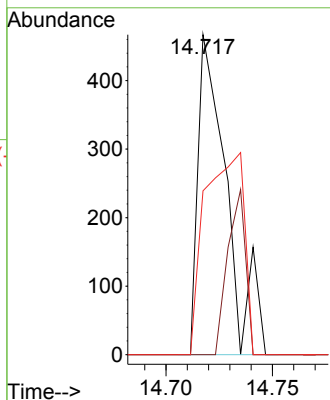
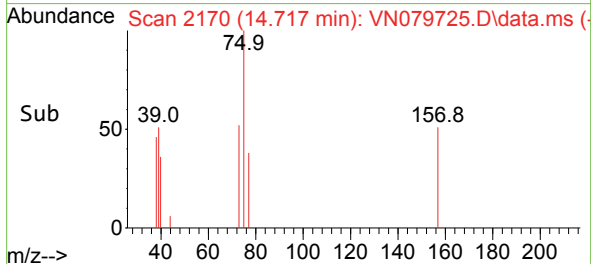


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.075 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.006 min
 Lab File: VN079725.D
 Acq: 30 Oct 2023 16:00

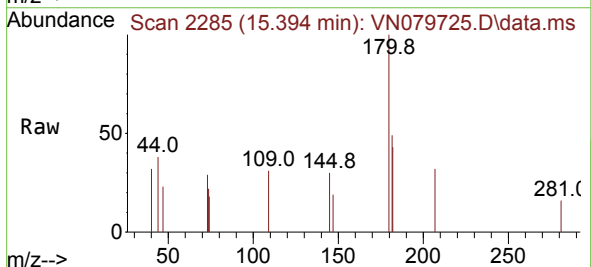
Instrument :
 MSVOA_N
 ClientSampleId :



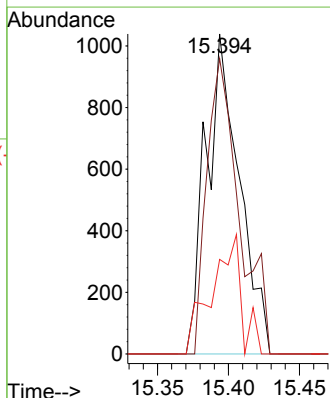
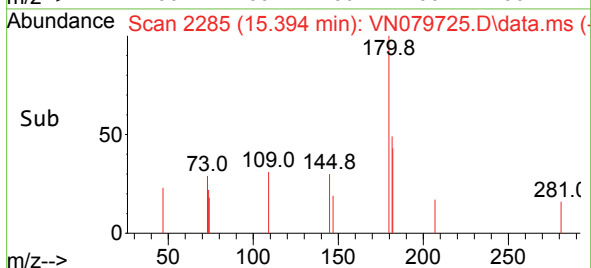
Tgt Ion: 75 Resp: 436
 Ion Ratio Lower Upper
 75 100
 155 32.1 39.1 117.2#
 157 86.2 50.3 150.9

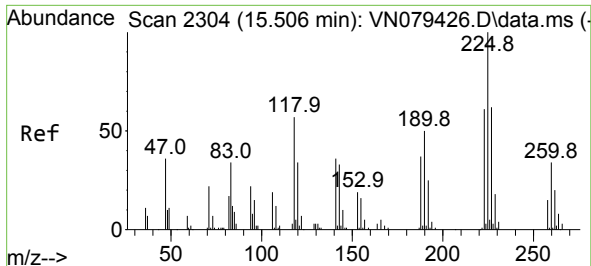


#93
 1,2,4-Trichlorobenzene
 Concen: 1.982 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: VN079725.D
 Acq: 30 Oct 2023 16:00



Tgt Ion: 180 Resp: 1699
 Ion Ratio Lower Upper
 180 100
 182 89.5 46.1 138.2
 145 33.5 16.6 49.8

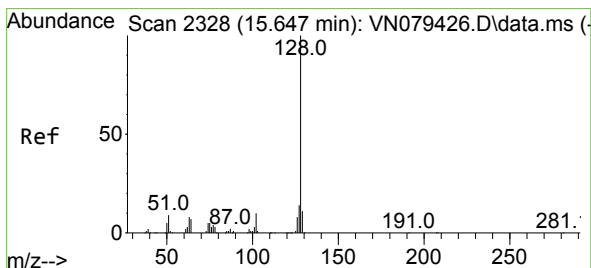
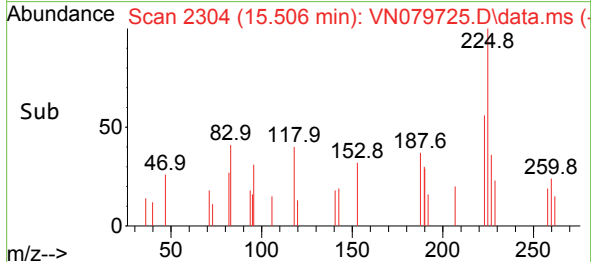
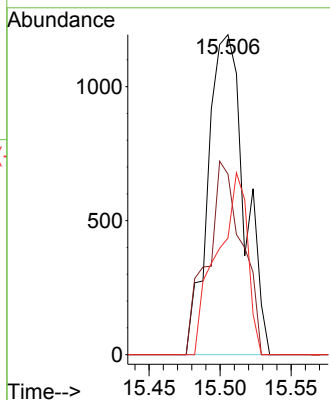
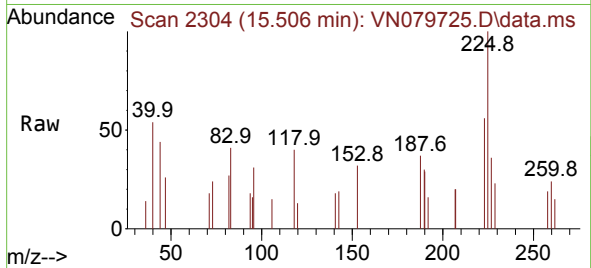




#94
Hexachlorobutadiene
Concen: 2.799 ug/l
RT: 15.506 min Scan# 2129
Delta R.T. -0.000 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

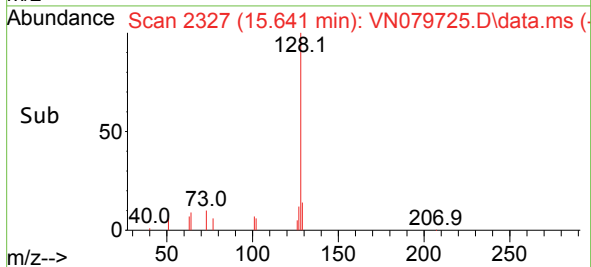
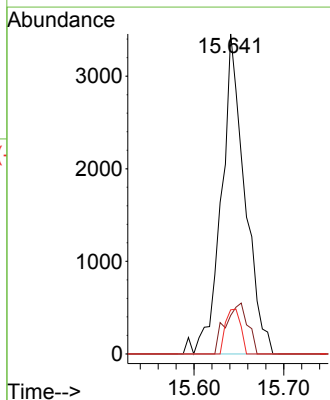
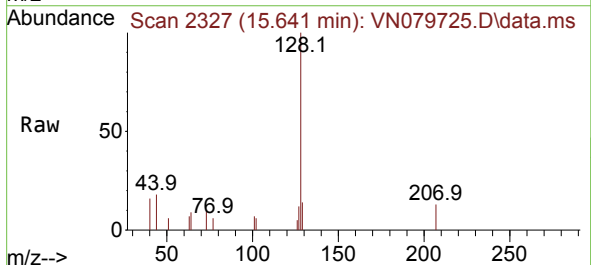
Instrument :
MSVOA_N
ClientSampleId :

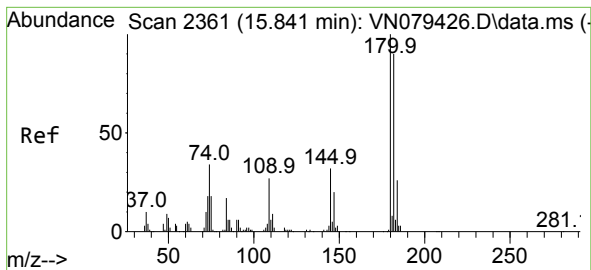
Tgt Ion:	225	Resp:	2129
Ion	Ratio	Lower	Upper
225	100		
223	57.9	31.3	93.8
227	47.3	31.9	95.9



#95
Naphthalene
Concen: 2.517 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN079725.D
Acq: 30 Oct 2023 16:00

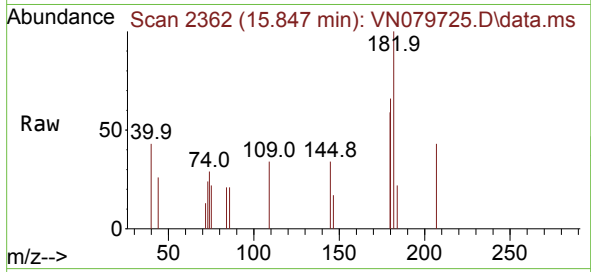
Tgt Ion:	128	Resp:	6263
Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.0	15.0#
129	9.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.553 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN079725.D
 Acq: 30 Oct 2023 16:00

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	2444
Ion	Ratio	Lower	Upper
180	100		
182	106.1	46.2	138.6
145	32.0	17.5	52.6

