

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016088.D
 Acq On : 26 Oct 2023 19:29
 Operator : SY/MD
 Sample : 05050-10
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 04:21:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

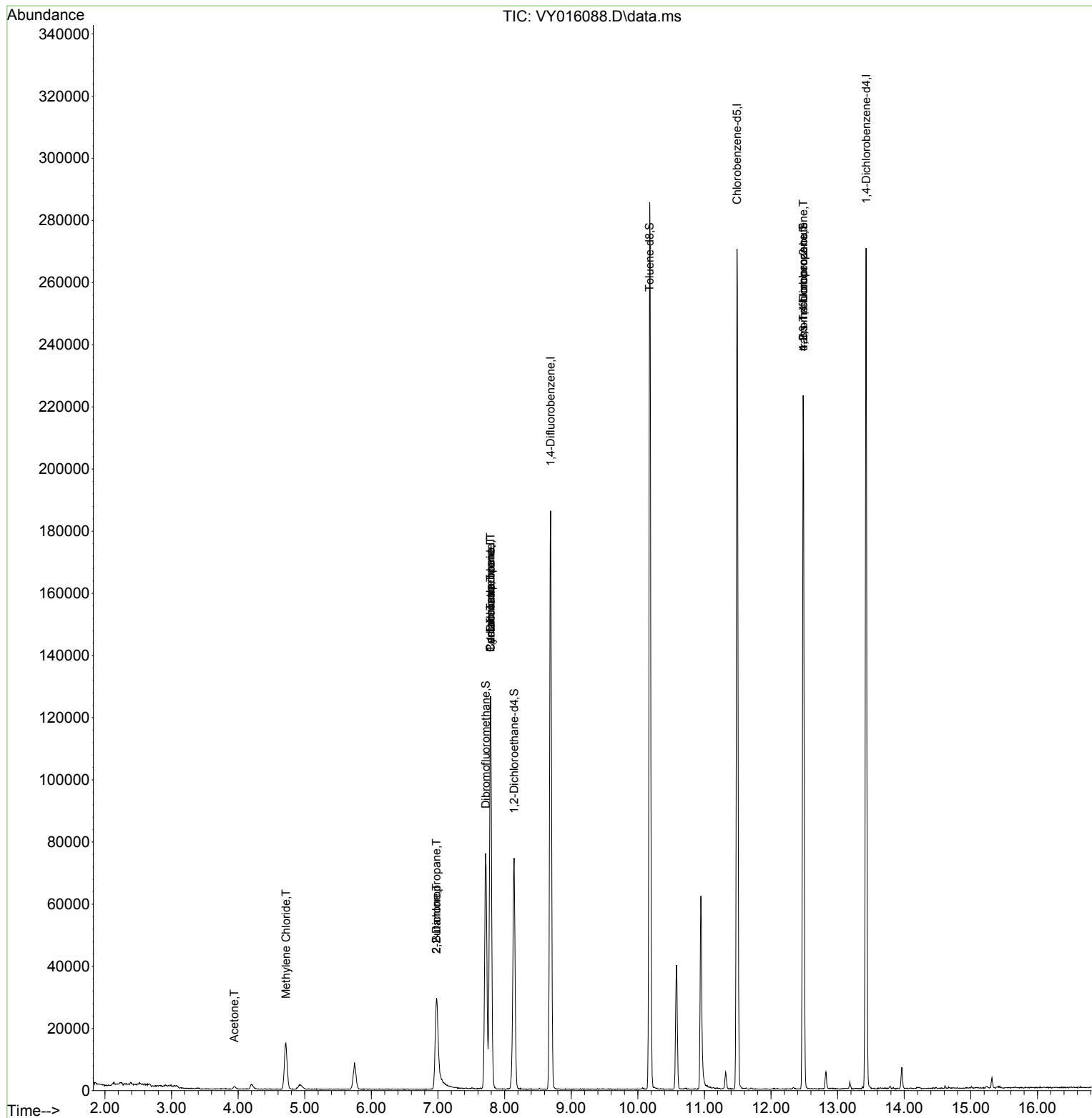
Internal Standards						
1) Pentafluorobenzene	7.789	168	98586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	165328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	151490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	56499	57.634	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.260%	
35) Dibromofluoromethane	7.716	113	54397	52.119	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.240%	
50) Toluene-d8	10.179	98	192878	49.890	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.780%	
62) 4-Bromofluorobenzene	12.483	95	62180	46.887	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.780%	
Target Compounds						
11) Tert butyl alcohol	4.942	59	1595	Below Cal	Qvalue #	89
16) Acetone	3.942	43	1545	5.815	ug/l	94
20) Methylene Chloride	4.716	84	11227	5.682	ug/l #	81
25) 2-Butanone	6.978	43	1848	5.153	ug/l #	49
26) 2,2-Dichloropropane	6.978	77	2596	1.610	ug/l #	54
31) Cyclohexane	7.789	56	2004	1.299	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7639	5.251	ug/l #	50
38) Carbon Tetrachloride	7.789	117	9440	6.136	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	33250	47.764	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33250	103.796	ug/l #	11

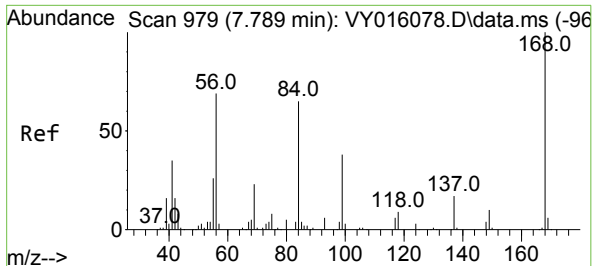
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
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ALS Vial : 19 Sample Multiplier: 1

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MSVOA_Y
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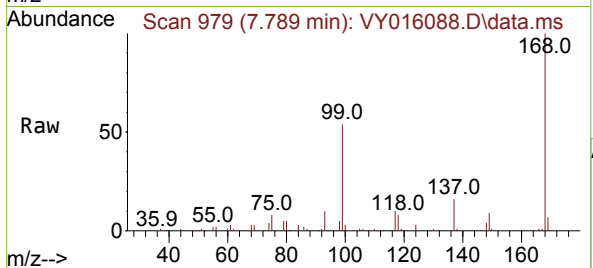
Quant Time: Oct 27 04:21:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
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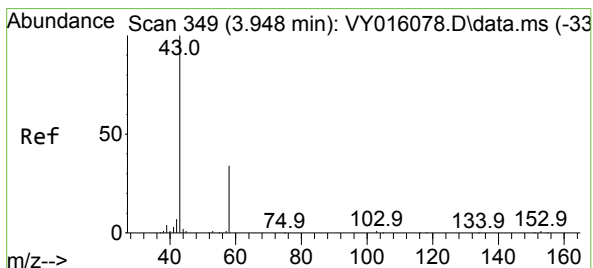
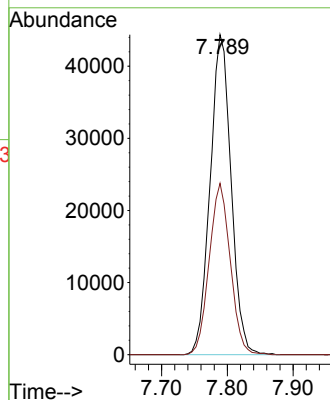
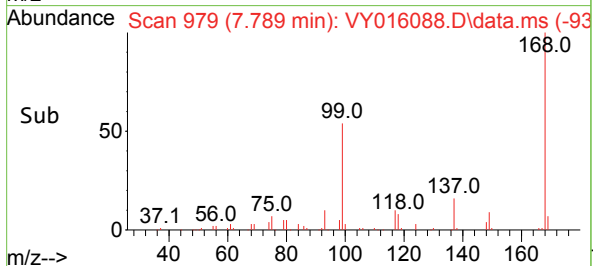


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016088.D
Acq: 26 Oct 2023 19:29

Instrument :
MSVOA_Y
ClientSampleId :

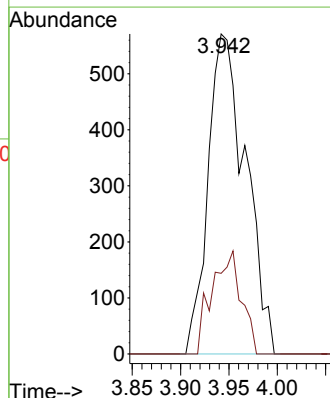
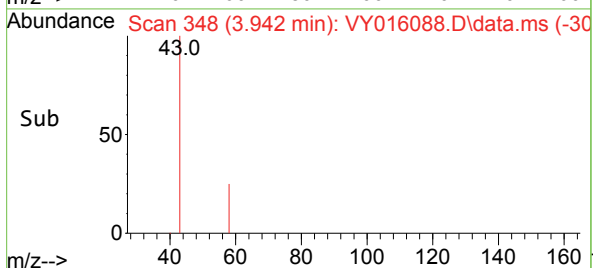
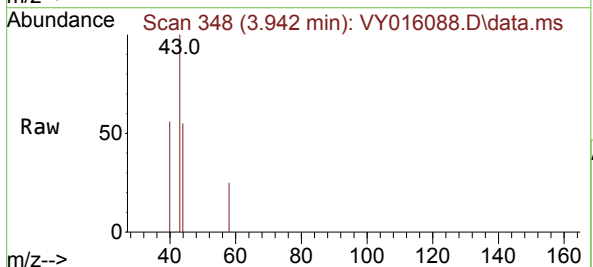


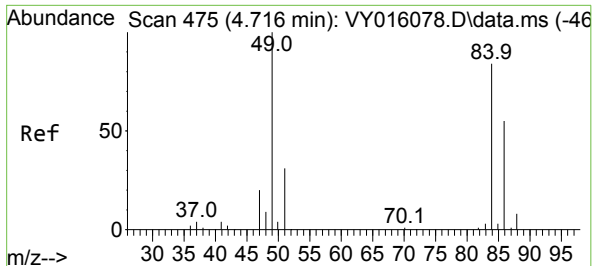
Tgt Ion:168 Resp: 98586
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#16
Acetone
Concen: 5.815 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY016088.D
Acq: 26 Oct 2023 19:29

Tgt Ion: 43 Resp: 1545
Ion Ratio Lower Upper
43 100
58 25.2 22.7 34.1





#20

Methylene Chloride

Concen: 5.682 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

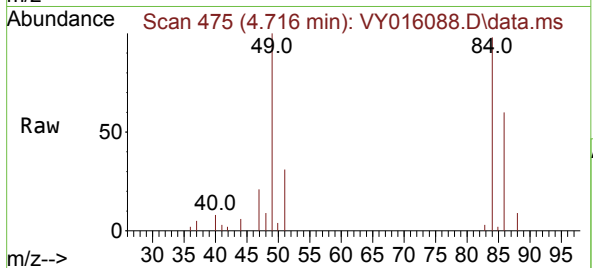
Lab File: VY016088.D

Acq: 26 Oct 2023 19:29

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 11227

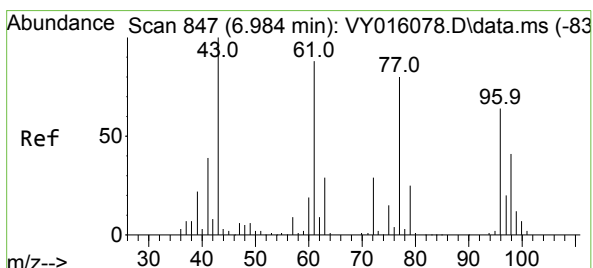
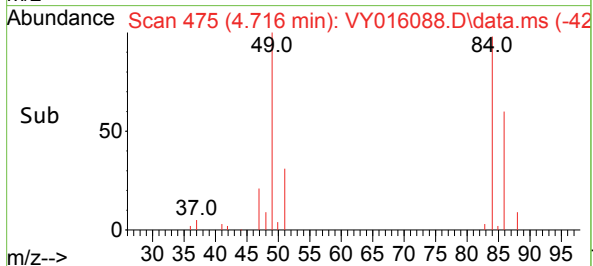
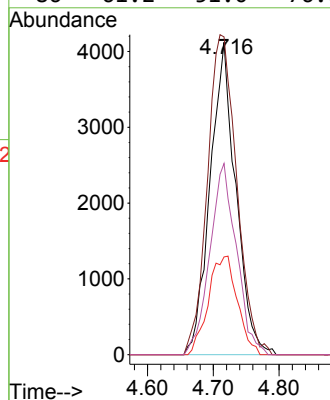
Ion Ratio Lower Upper

84 100

49 101.7 106.9 160.3#

51 31.3 33.2 49.8#

86 61.2 51.0 76.6



#25

2-Butanone

Concen: 5.153 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY016088.D

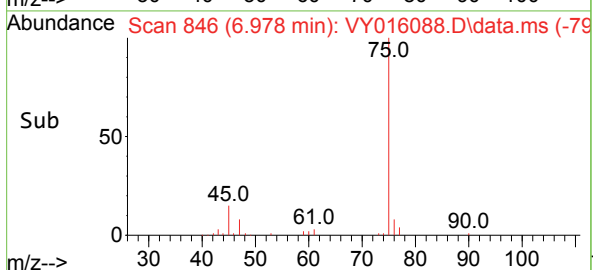
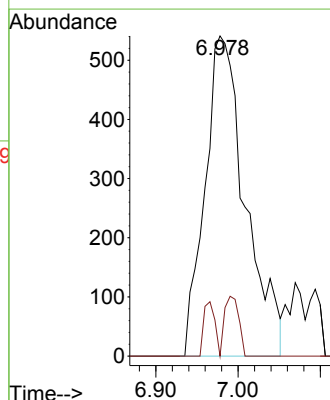
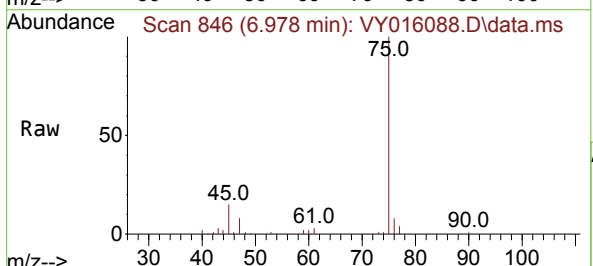
Acq: 26 Oct 2023 19:29

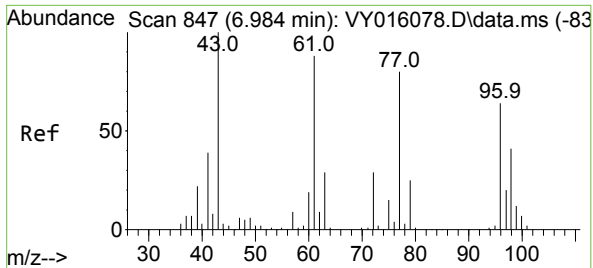
Tgt Ion: 43 Resp: 1848

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#

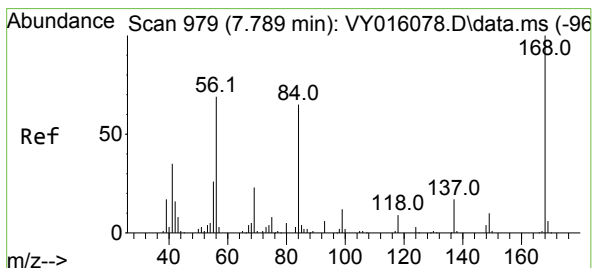
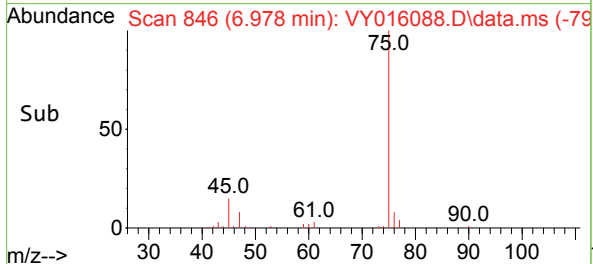
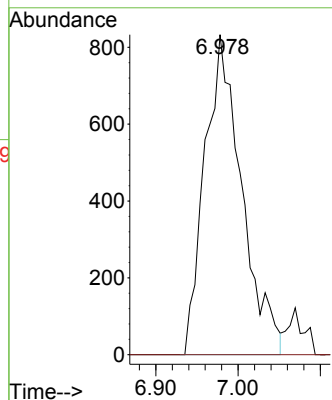
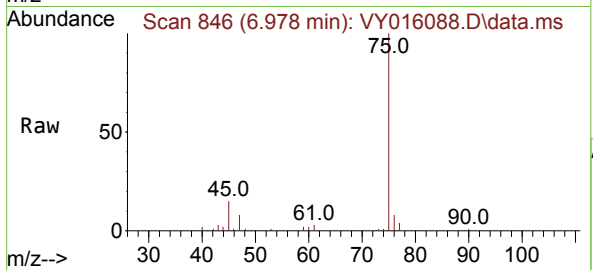




#26
2,2-Dichloropropane
Concen: 1.610 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY016088.D
Acq: 26 Oct 2023 19:29

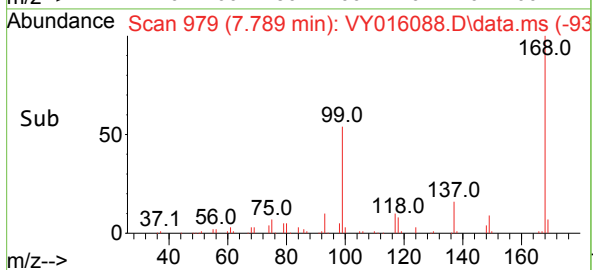
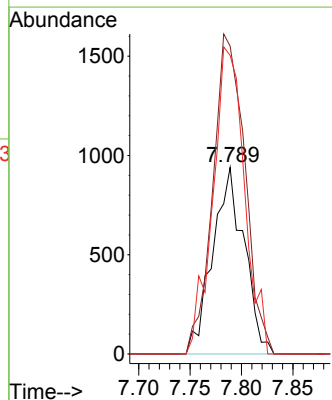
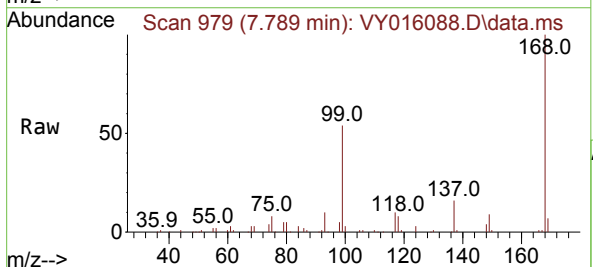
Instrument :
MSVOA_Y
ClientSampleId :

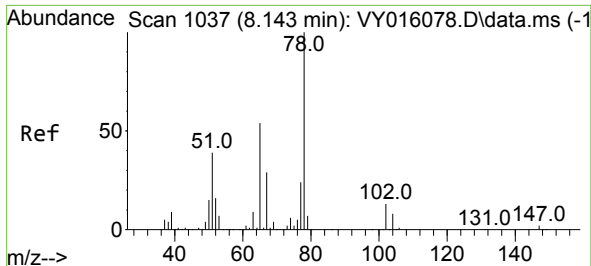
Tgt Ion: 77 Resp: 2596
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.299 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY016088.D
Acq: 26 Oct 2023 19:29

Tgt Ion: 56 Resp: 2004
Ion Ratio Lower Upper
56 100
69 165.0 27.8 41.6#
84 160.0 66.4 99.6#

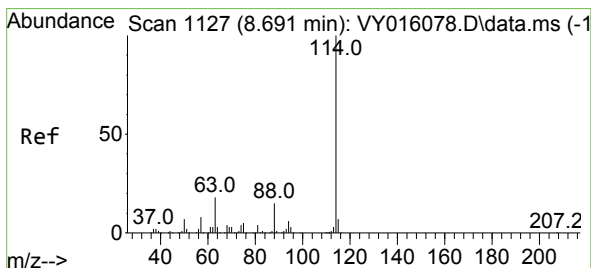
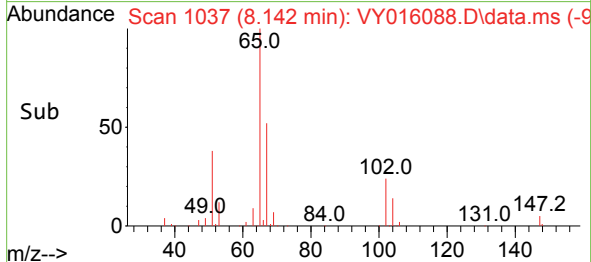
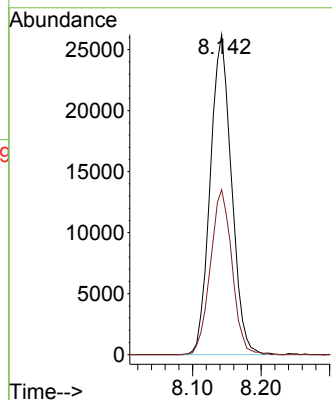
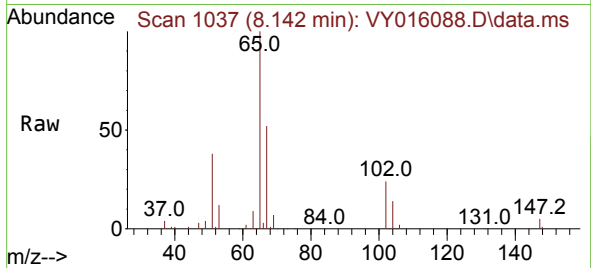




#33
 1,2-Dichloroethane-d4
 Concen: 57.634 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY016088.D
 Acq: 26 Oct 2023 19:29

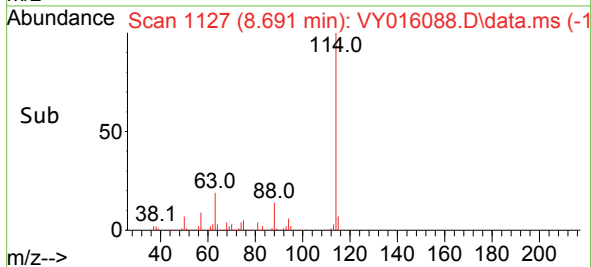
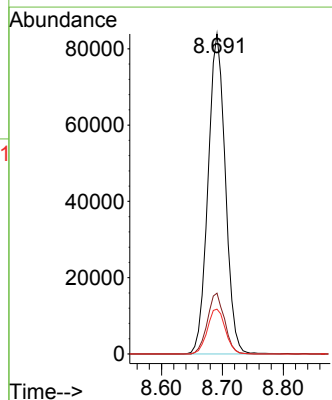
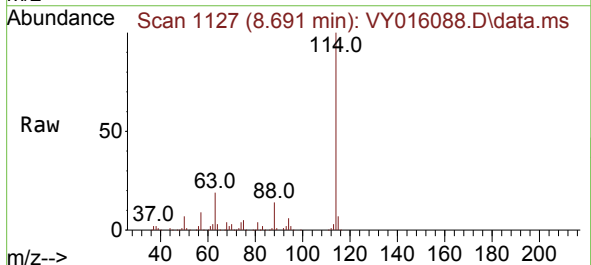
Instrument :
 MSVOA_Y
 ClientSampleId :

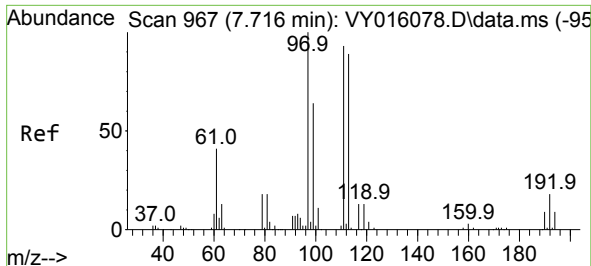
Tgt Ion: 65 Resp: 56499
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY016088.D
 Acq: 26 Oct 2023 19:29

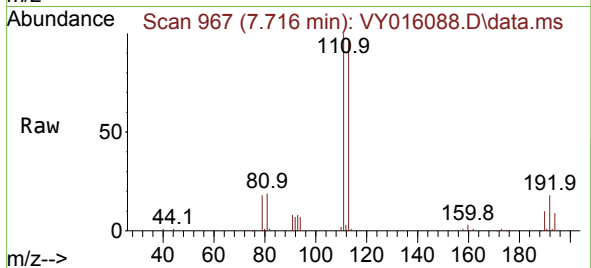
Tgt Ion: 114 Resp: 165328
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.4
 88 14.0 0.0 30.6



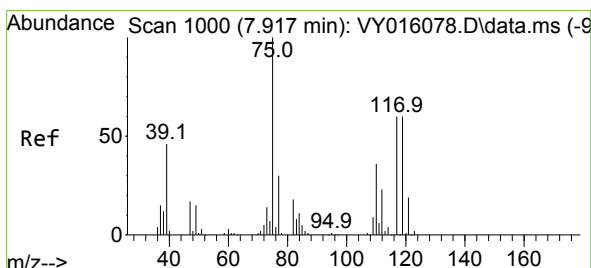
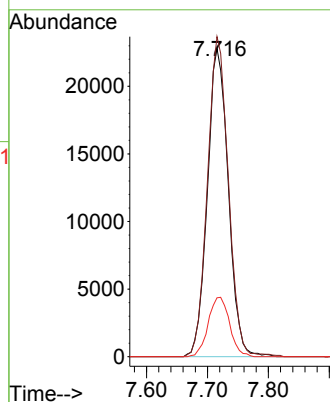
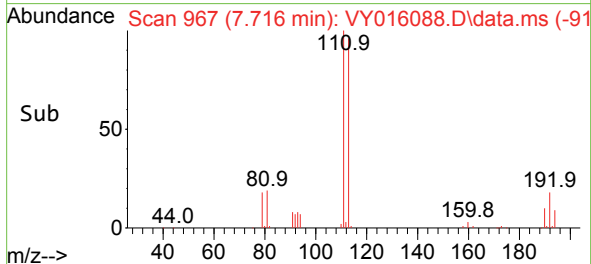


#35
Dibromofluoromethane
Concen: 52.119 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY016088.D
Acq: 26 Oct 2023 19:29

Instrument :
MSVOA_Y
ClientSampleId :

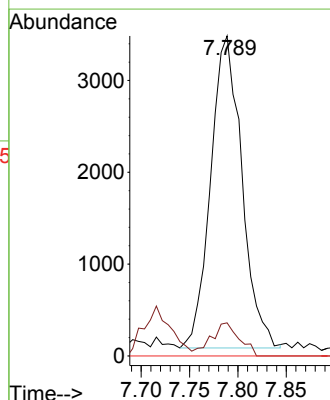
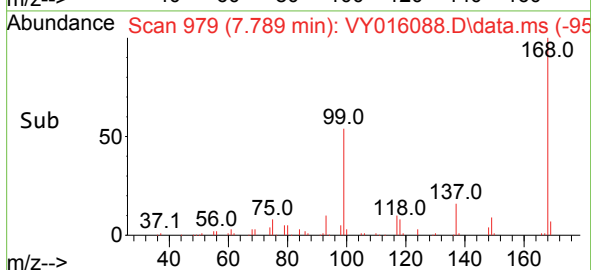
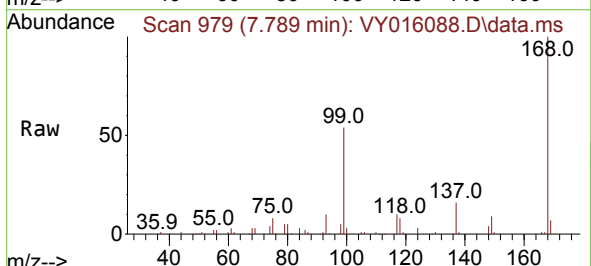


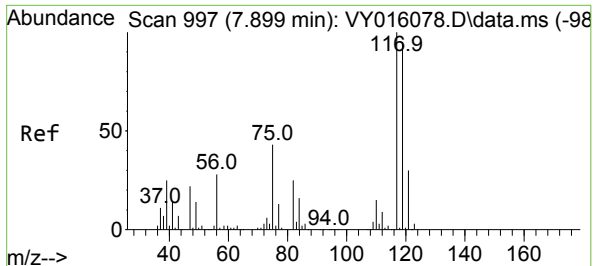
Tgt Ion:113 Resp: 54397
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.251 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY016088.D
Acq: 26 Oct 2023 19:29

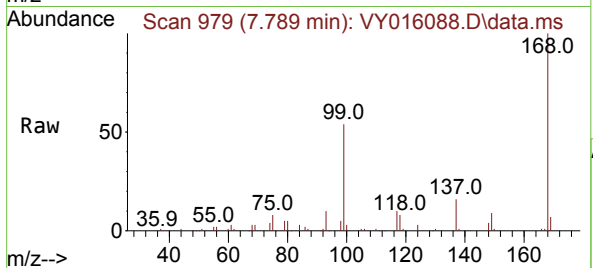
Tgt Ion: 75 Resp: 7639
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#



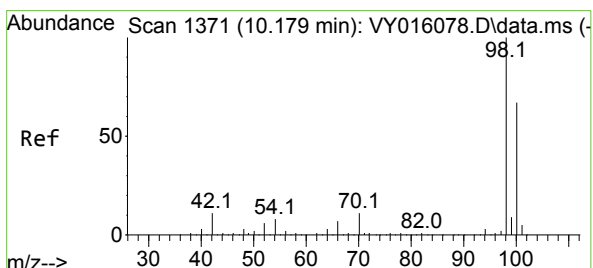
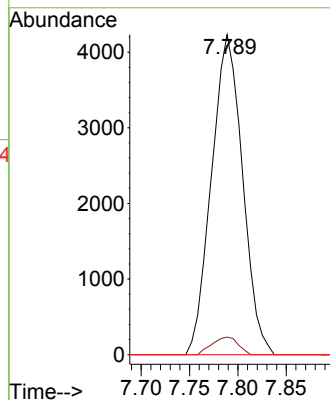
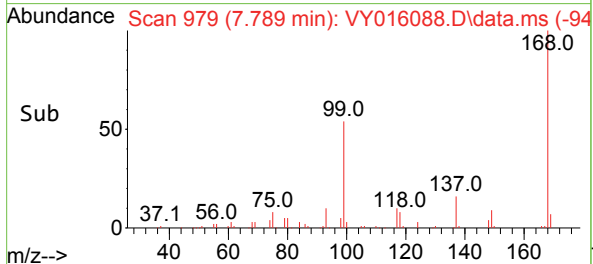


#38
Carbon Tetrachloride
Concen: 6.136 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016088.D
Acq: 26 Oct 2023 19:29

Instrument :
MSVOA_Y
ClientSampleId :

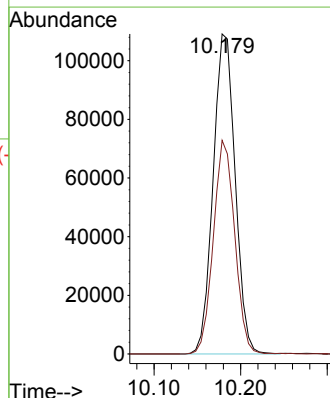
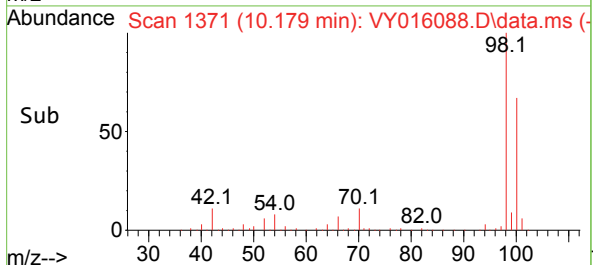
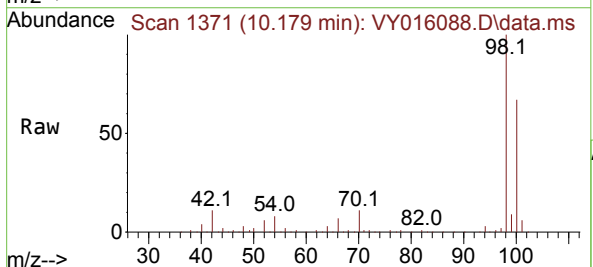


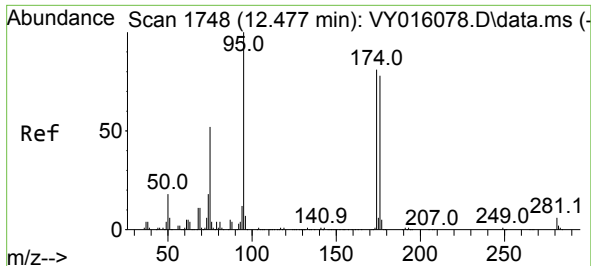
Tgt Ion:117 Resp: 9440
Ion Ratio Lower Upper
117 100
119 5.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.890 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY016088.D
Acq: 26 Oct 2023 19:29

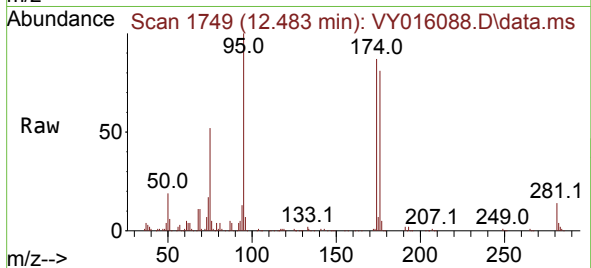
Tgt Ion: 98 Resp: 192878
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



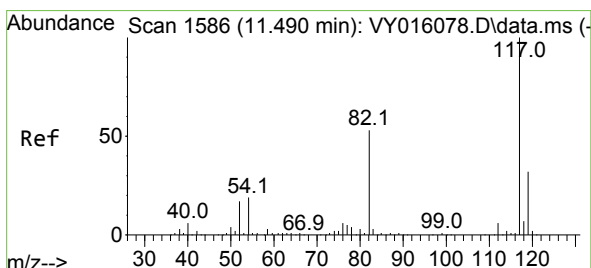
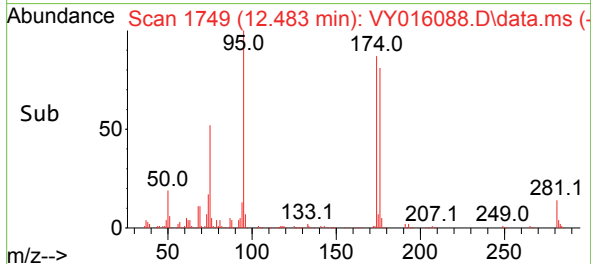
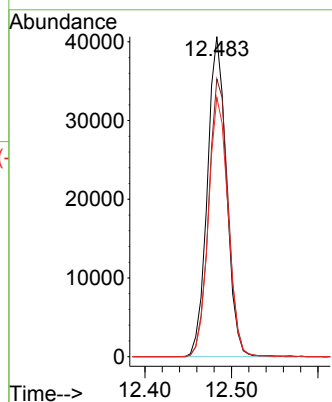


#62
4-Bromofluorobenzene
Concen: 46.887 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016088.D
Acq: 26 Oct 2023 19:29

Instrument :
MSVOA_Y
ClientSampleId :

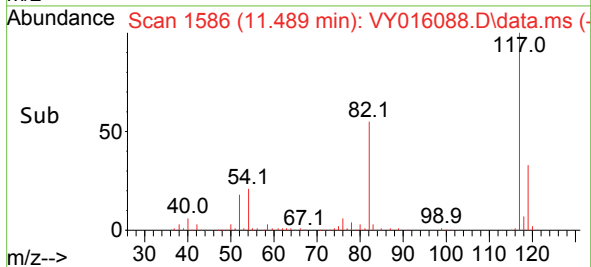
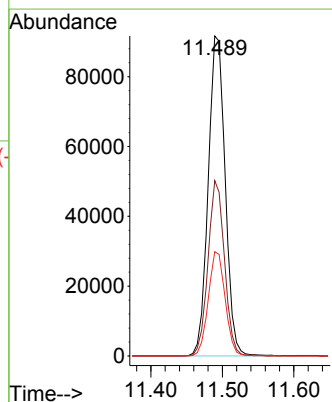
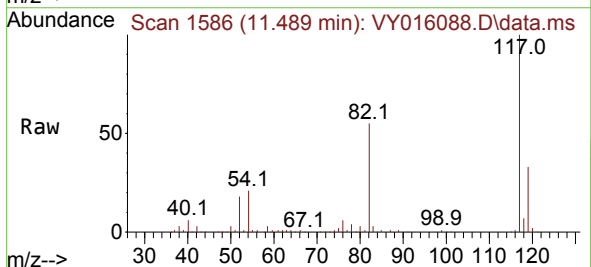


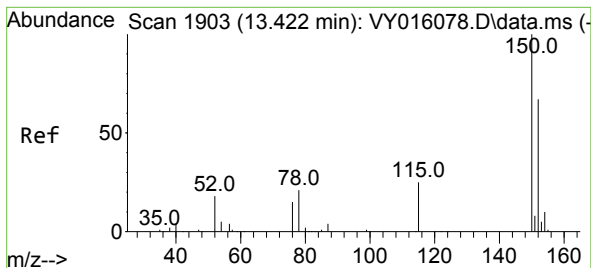
Tgt Ion: 95 Resp: 62180
Ion Ratio Lower Upper
95 100
174 88.7 0.0 178.2
176 83.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY016088.D
Acq: 26 Oct 2023 19:29

Tgt Ion: 117 Resp: 151490
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.6 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY016088.D

Acq: 26 Oct 2023 19:29

Instrument :

MSVOA_Y

ClientSampleId :

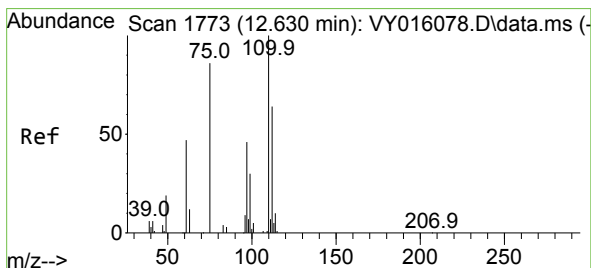
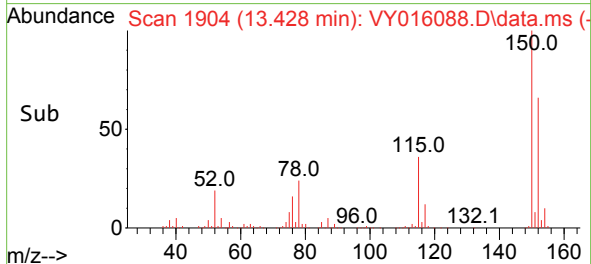
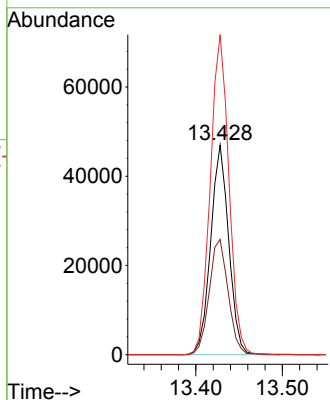
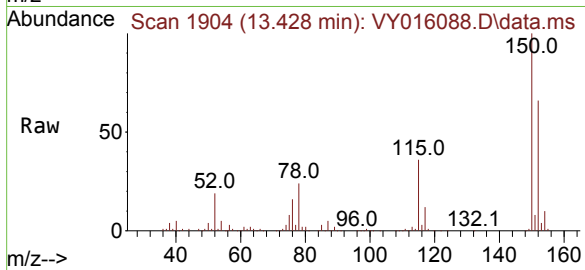
Tgt Ion:152 Resp: 68184

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 157.5 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 47.764 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY016088.D

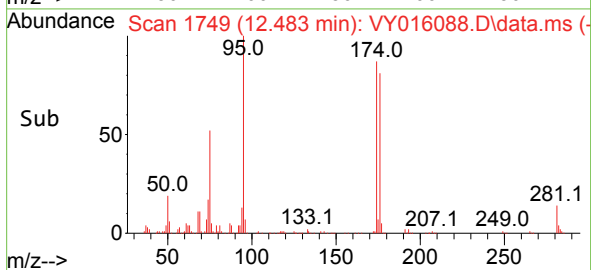
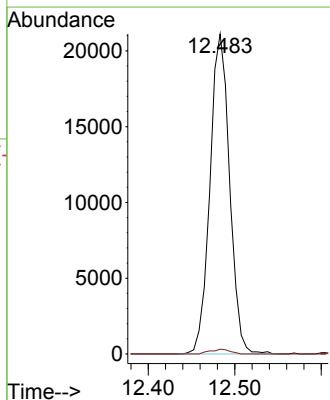
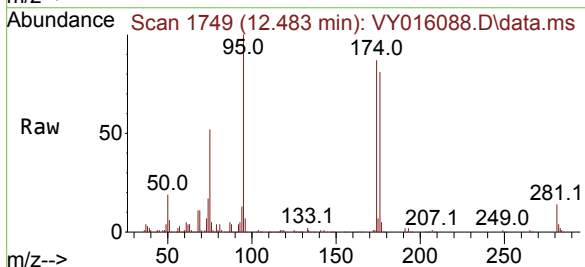
Acq: 26 Oct 2023 19:29

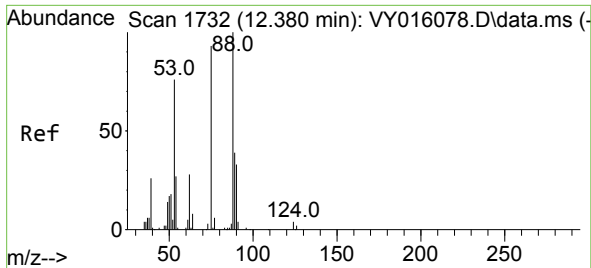
Tgt Ion: 75 Resp: 33250

Ion Ratio Lower Upper

75 100

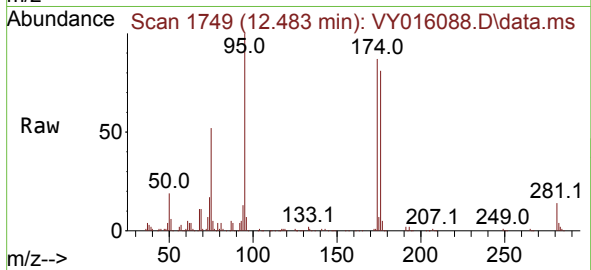
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.796 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY016088.D
 Acq: 26 Oct 2023 19:29

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.2	37.4	56.0#

