

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016565.D
 Acq On : 01 Dec 2023 16:59
 Operator : SY/MD
 Sample : 05602-05
 Misc : 3.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 01 23:40:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

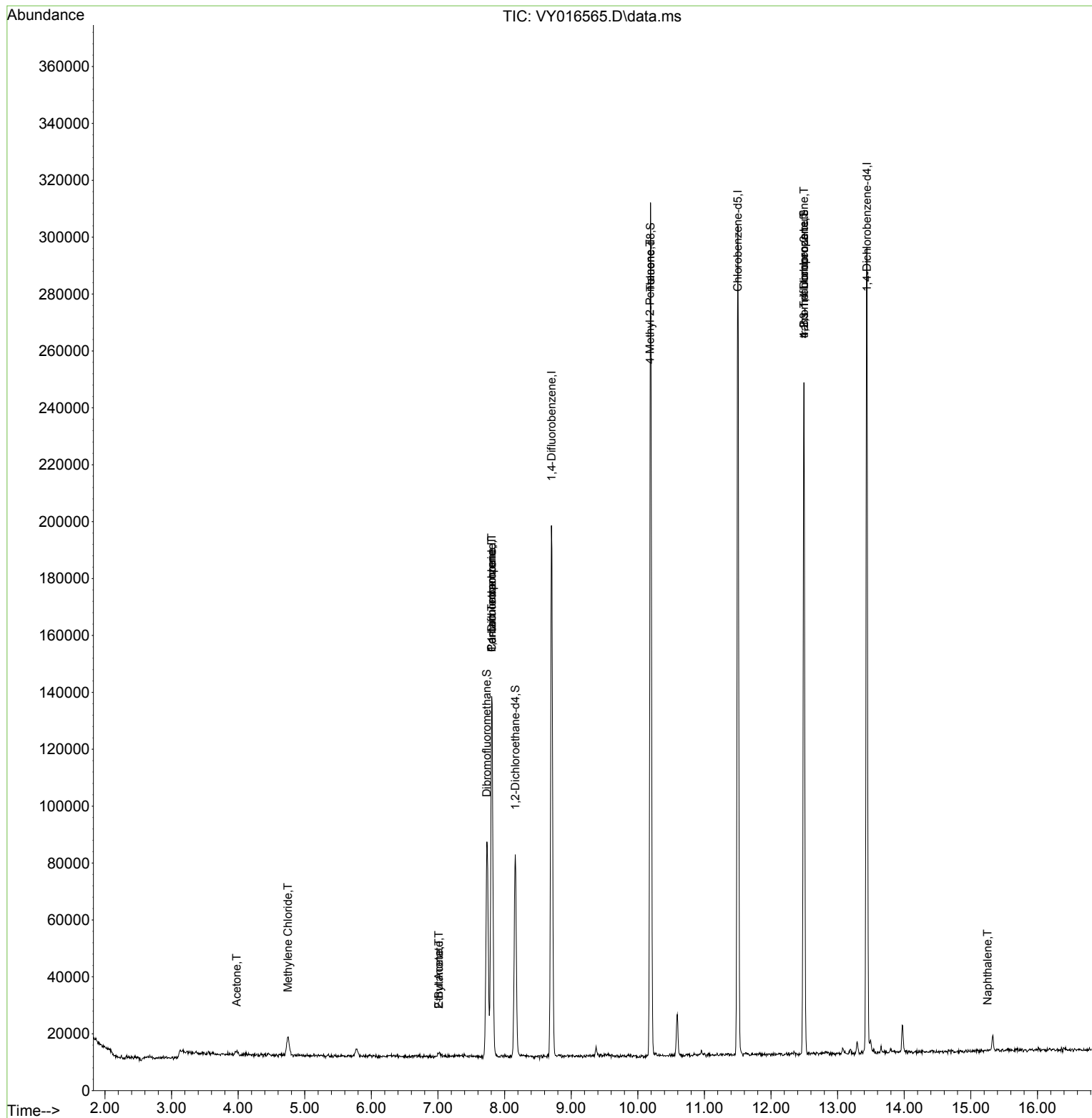
Internal Standards						
1) Pentafluorobenzene	7.807	168	104940	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.703	114	176679	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.502	117	172421	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	82527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	59450	71.707	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 143.420%			
35) Dibromofluoromethane	7.734	113	55527	53.549	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.100%			
50) Toluene-d8	10.191	98	202711	50.403	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.800%			
62) 4-Bromofluorobenzene	12.495	95	71837	56.938	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.880%			
Target Compounds						Qvalue
16) Acetone	3.979	43	2123	17.295	ug/l	98
20) Methylene Chloride	4.747	84	5580	3.241	ug/l #	75
25) 2-Butanone	7.015	43	1645	7.354	ug/l #	43
36) 1,1-Dichloropropene	7.807	75	6692	4.370	ug/l #	51
37) Ethyl Acetate	7.015	43	1645	3.428	ug/l #	71
38) Carbon Tetrachloride	7.807	117	9921	5.520	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	577	1.172	ug/l #	1
76) 1,2,3-Trichloropropane	12.495	75	35296	50.938	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	35296	111.094	ug/l #	10
95) Naphthalene	15.251	128	338	5.049	ug/l #	69

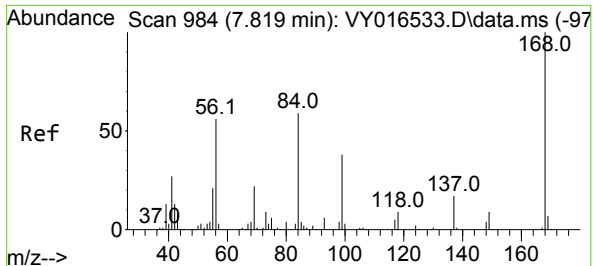
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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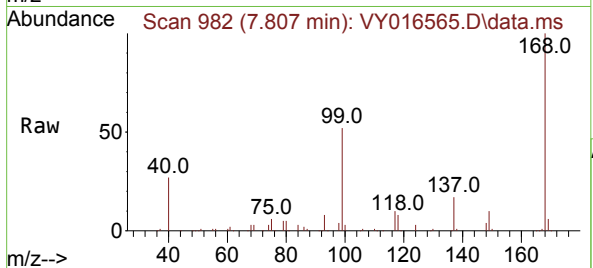
Quant Time: Dec 01 23:40:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
Quant Title : SW846 8260
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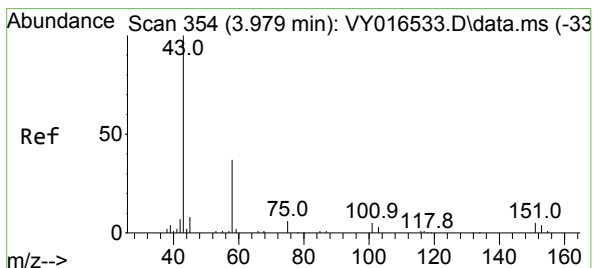
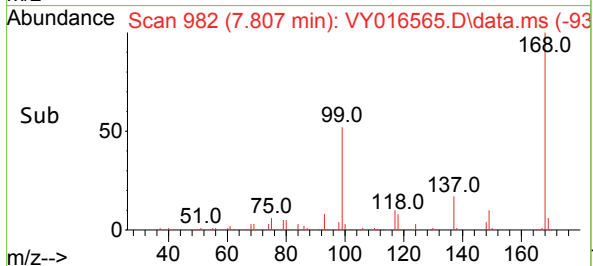
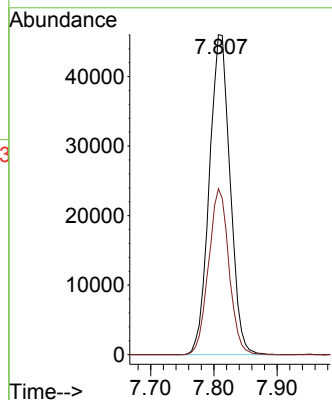


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016565.D
Acq: 01 Dec 2023 16:59

Instrument :
MSVOA_Y
ClientSampleId :

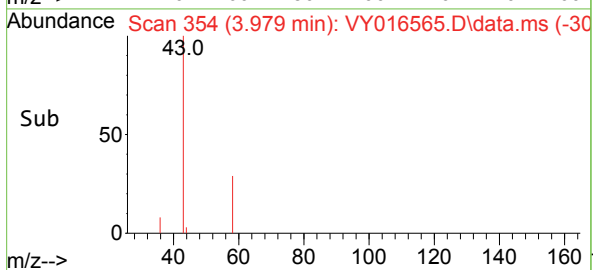
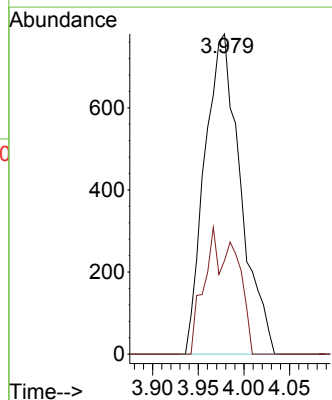
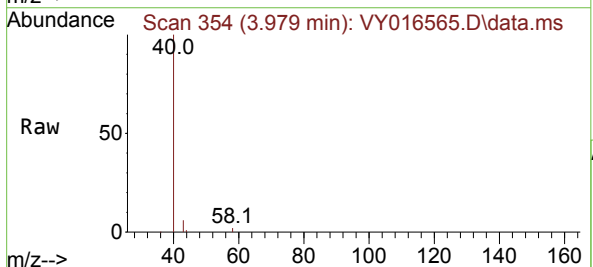


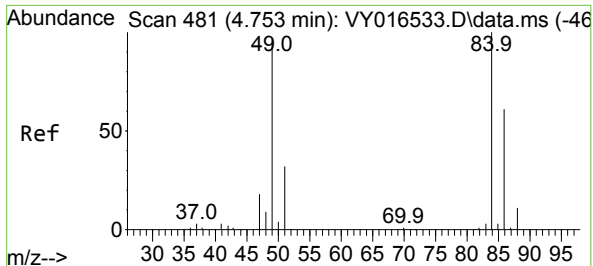
Tgt Ion:168 Resp: 104940
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#16
Acetone
Concen: 17.295 ug/l
RT: 3.979 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY016565.D
Acq: 01 Dec 2023 16:59

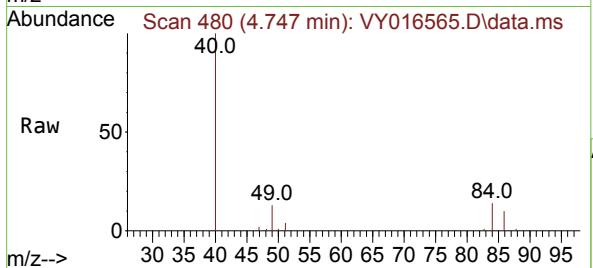
Tgt Ion: 43 Resp: 2123
Ion Ratio Lower Upper
43 100
58 29.2 22.7 34.1



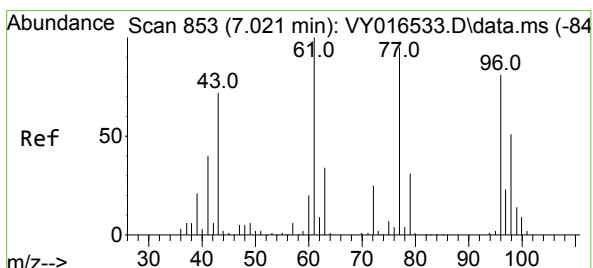
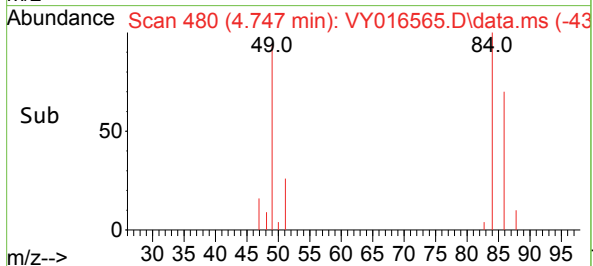
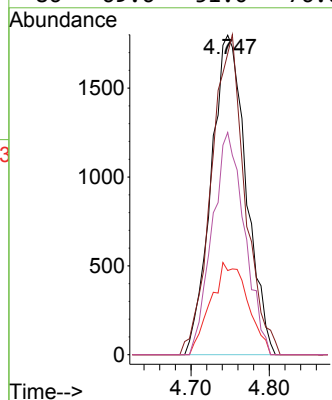


#20
Methylene Chloride
Concen: 3.241 ug/l
RT: 4.747 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016565.D
Acq: 01 Dec 2023 16:59

Instrument :
MSVOA_Y
ClientSampleId :

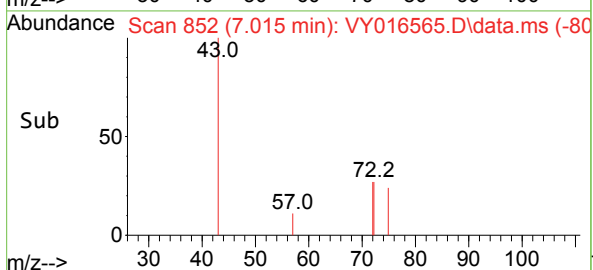
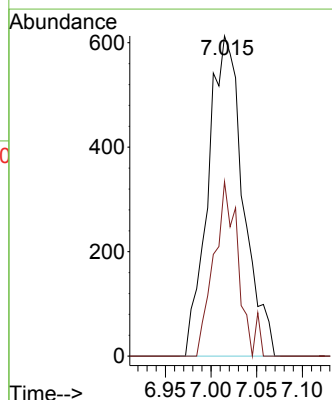
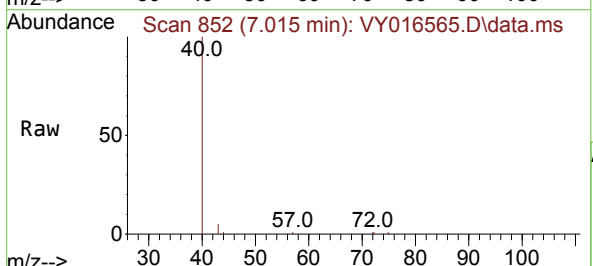


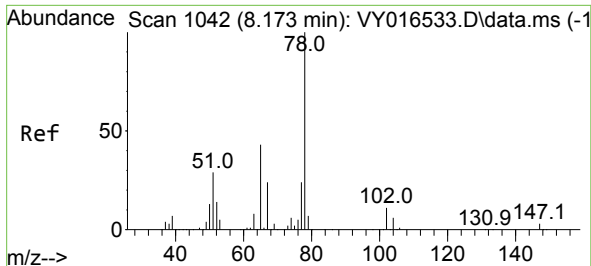
Tgt Ion: 84 Resp: 5580
Ion Ratio Lower Upper
84 100
49 94.3 106.9 160.3#
51 26.4 33.2 49.8#
86 69.6 51.0 76.6



#25
2-Butanone
Concen: 7.354 ug/l
RT: 7.015 min Scan# 852
Delta R.T. -0.006 min
Lab File: VY016565.D
Acq: 01 Dec 2023 16:59

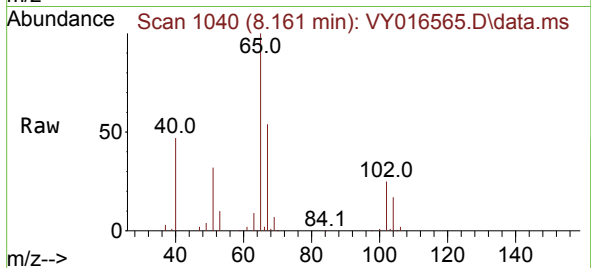
Tgt Ion: 43 Resp: 1645
Ion Ratio Lower Upper
43 100
72 54.5 20.5 30.7#



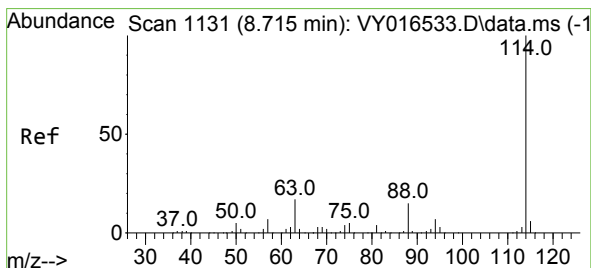
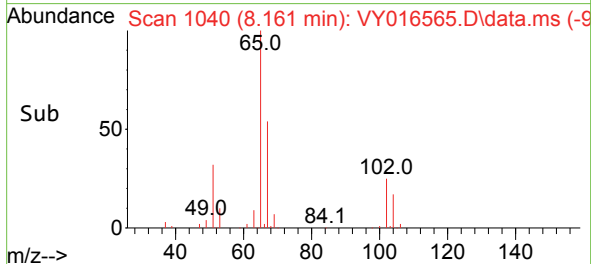
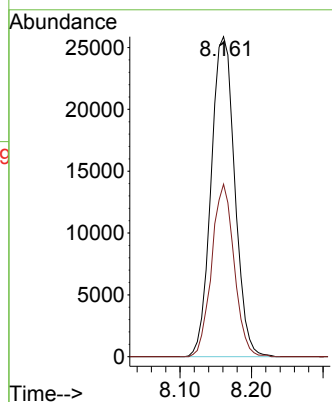


#33
 1,2-Dichloroethane-d4
 Concen: 71.707 ug/l
 RT: 8.161 min Scan# 1109
 Delta R.T. -0.012 min
 Lab File: VY016565.D
 Acq: 01 Dec 2023 16:59

Instrument :
 MSVOA_Y
 ClientSampleId :

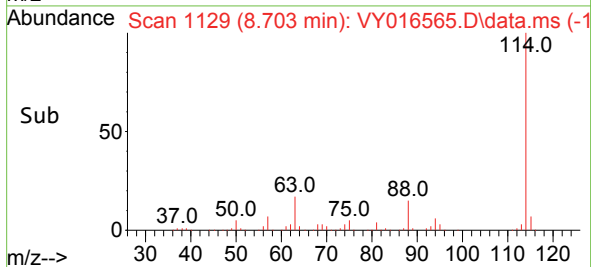
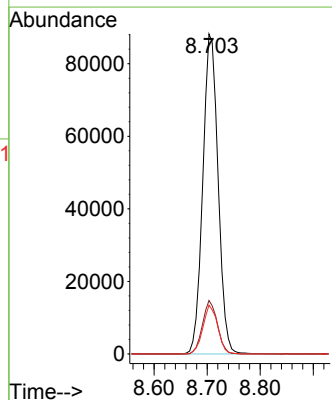
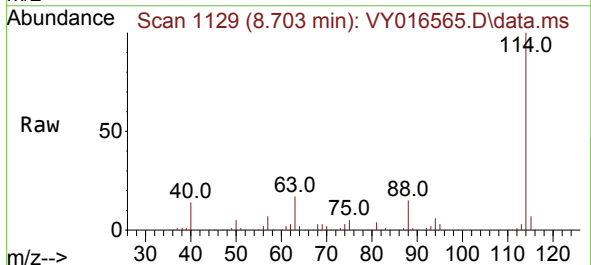


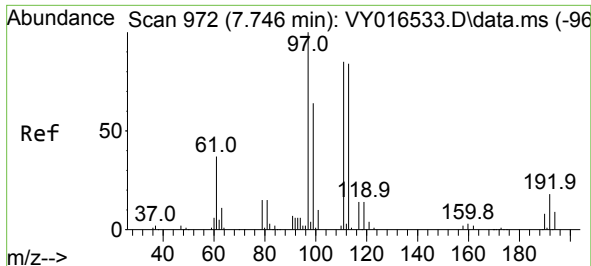
Tgt Ion: 65 Resp: 59450
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.012 min
 Lab File: VY016565.D
 Acq: 01 Dec 2023 16:59

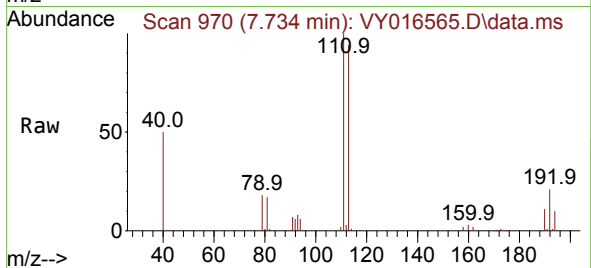
Tgt Ion: 114 Resp: 176679
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 42.4
 88 15.2 0.0 30.6



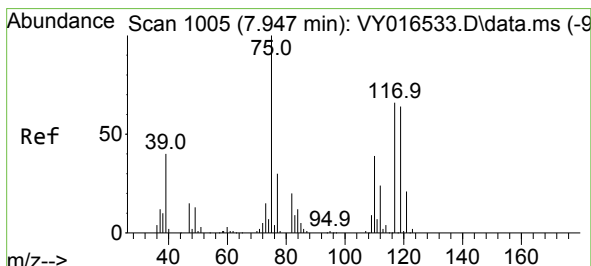
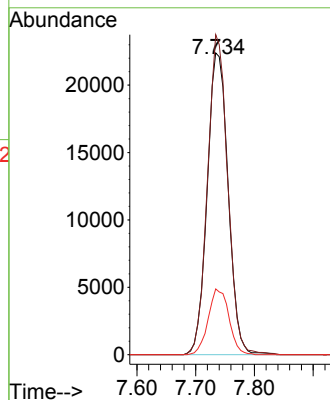
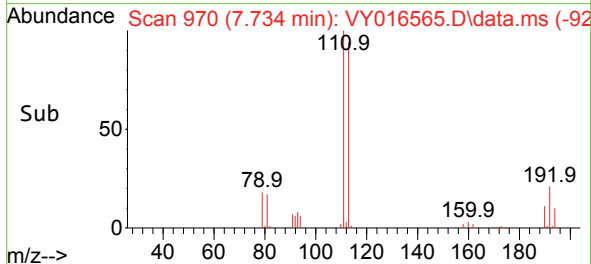


#35
Dibromofluoromethane
Concen: 53.549 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016565.D
Acq: 01 Dec 2023 16:59

Instrument :
MSVOA_Y
ClientSampleId :

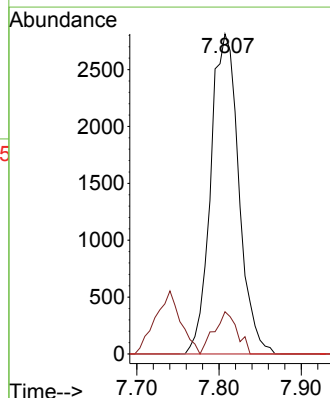
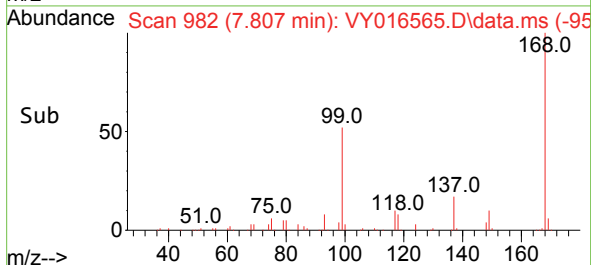
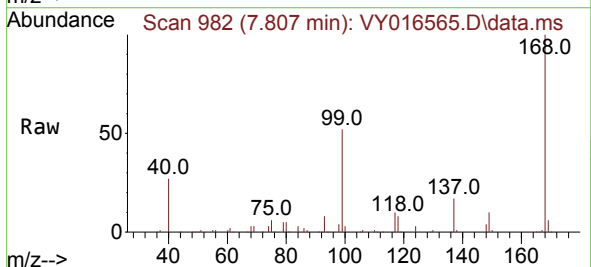


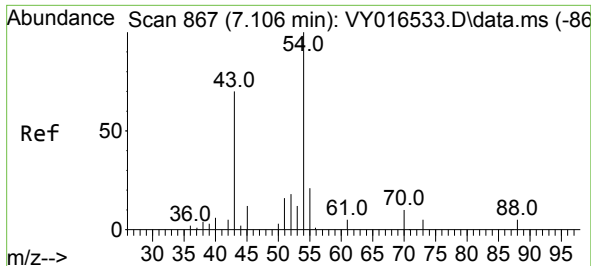
Tgt Ion:113 Resp: 55527
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 21.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.370 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.140 min
Lab File: VY016565.D
Acq: 01 Dec 2023 16:59

Tgt Ion: 75 Resp: 6692
Ion Ratio Lower Upper
75 100
110 10.8 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 3.428 ug/l

RT: 7.015 min Scan# 81

Delta R.T. -0.091 min

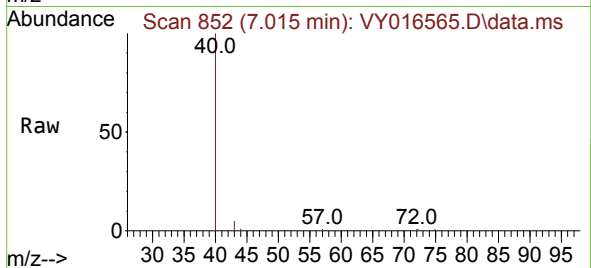
Lab File: VY016565.D

Acq: 01 Dec 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :



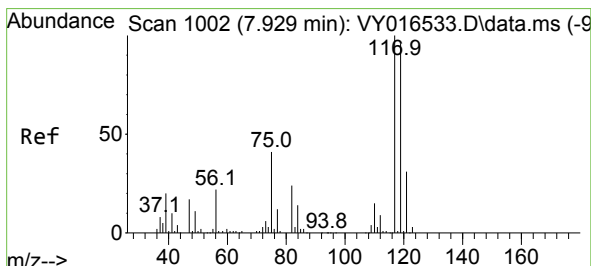
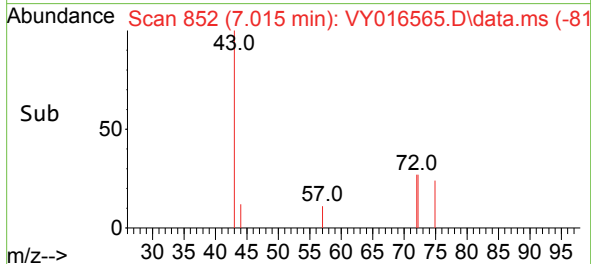
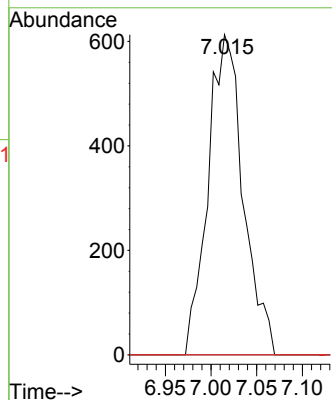
Tgt Ion: 43 Resp: 1645

Ion Ratio Lower Upper

43 100

61 0.0 10.1 15.1#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.520 ug/l

RT: 7.807 min Scan# 982

Delta R.T. -0.122 min

Lab File: VY016565.D

Acq: 01 Dec 2023 16:59

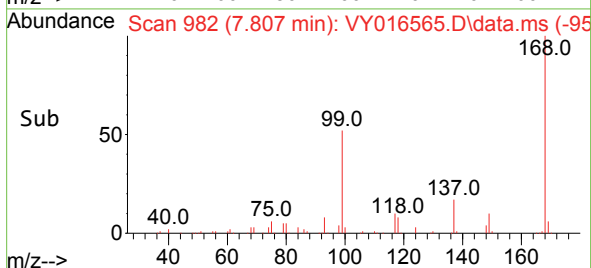
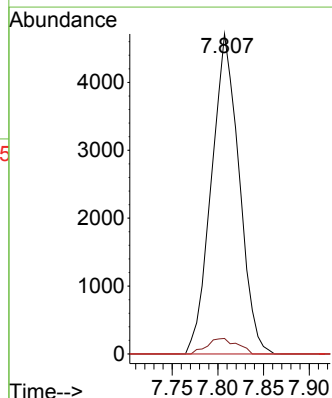
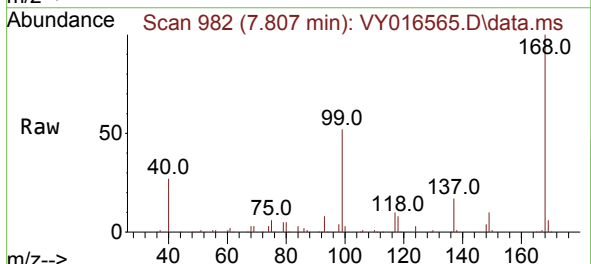
Tgt Ion: 117 Resp: 9921

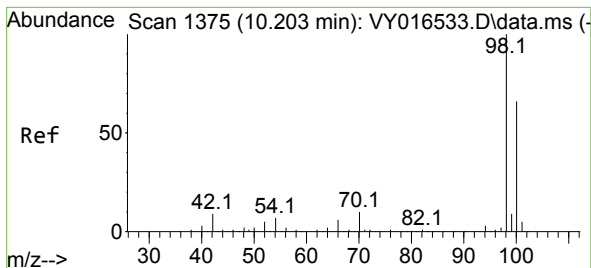
Ion Ratio Lower Upper

117 100

119 4.8 76.4 114.6#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.403 ug/l

RT: 10.191 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016565.D

Acq: 01 Dec 2023 16:59

Instrument :

MSVOA_Y

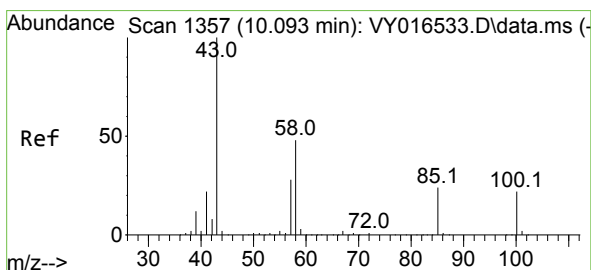
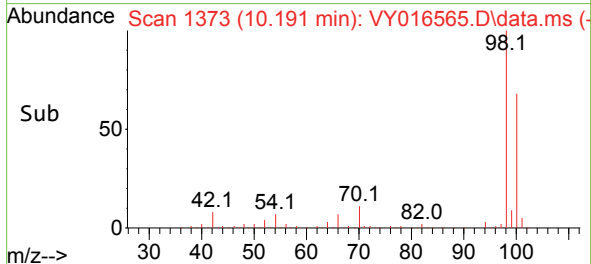
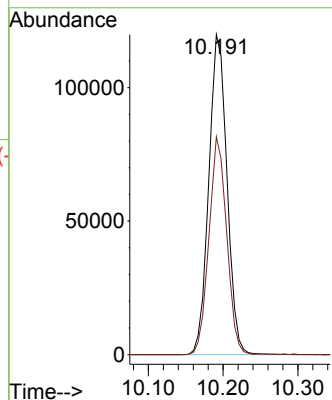
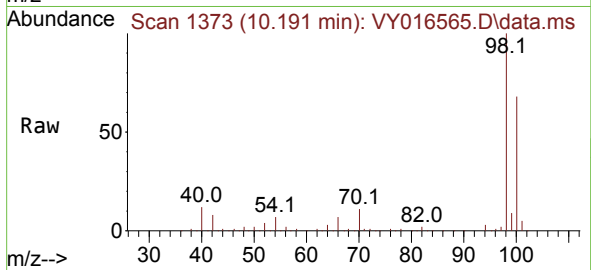
ClientSampleId :

Tgt Ion: 98 Resp: 202711

Ion Ratio Lower Upper

98 100

100 66.6 50.1 75.1



#51

4-Methyl-2-Pentanone

Concen: 1.172 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.092 min

Lab File: VY016565.D

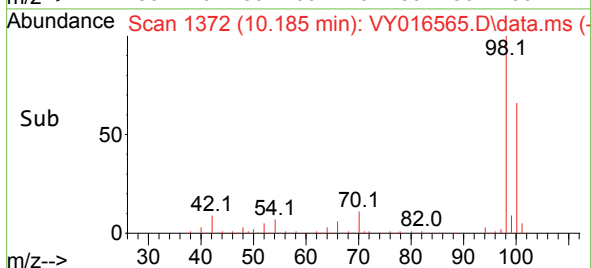
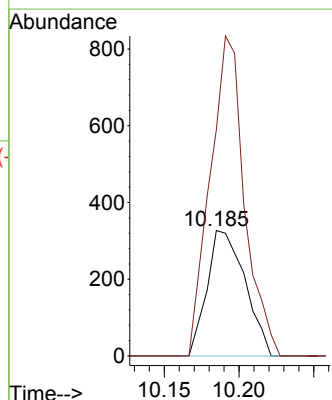
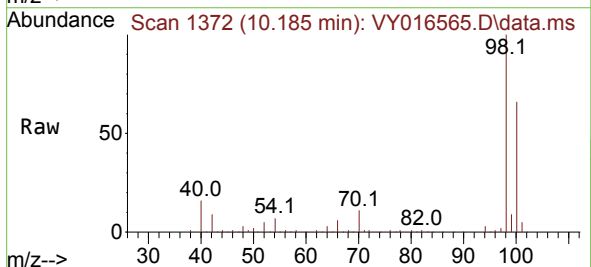
Acq: 01 Dec 2023 16:59

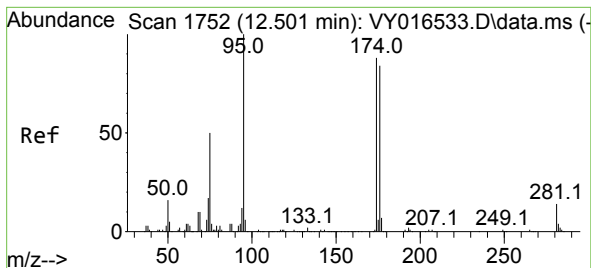
Tgt Ion: 43 Resp: 577

Ion Ratio Lower Upper

43 100

58 230.8 29.0 43.6#

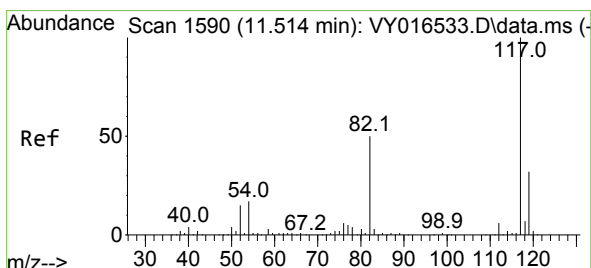
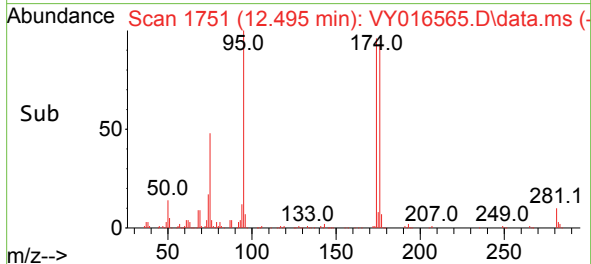
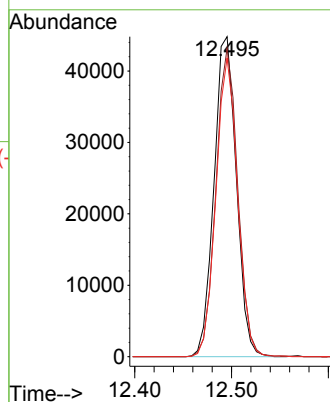
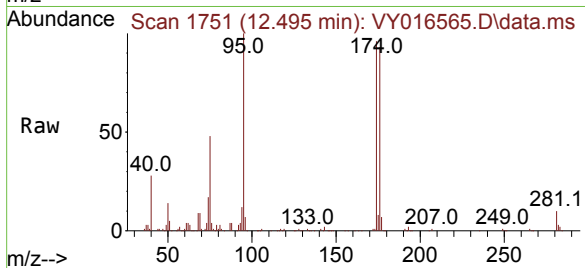




#62
4-Bromofluorobenzene
Concen: 56.938 ug/l
RT: 12.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016565.D
Acq: 01 Dec 2023 16:59

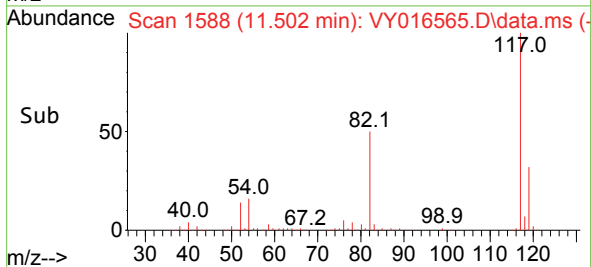
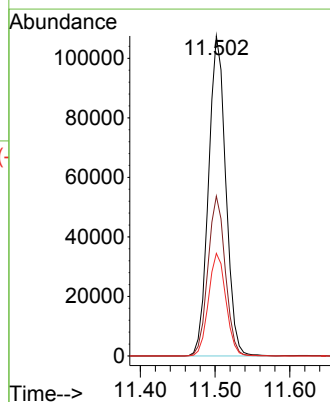
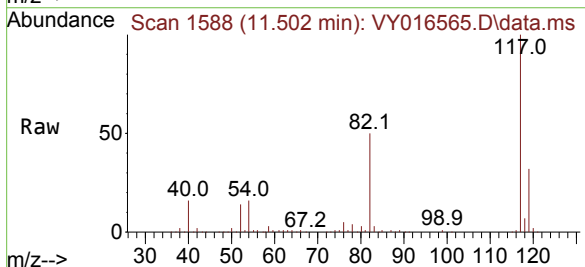
Instrument :
MSVOA_Y
ClientSampleId :

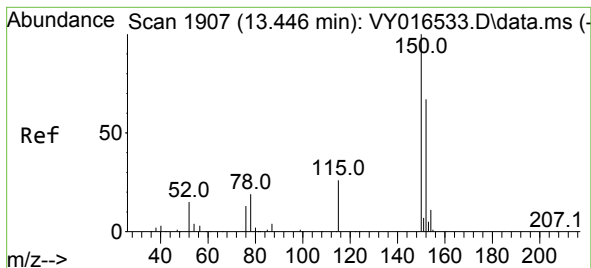
Tgt Ion: 95 Resp: 71837
Ion Ratio Lower Upper
95 100
174 94.4 0.0 178.2
176 90.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.012 min
Lab File: VY016565.D
Acq: 01 Dec 2023 16:59

Tgt Ion: 117 Resp: 172421
Ion Ratio Lower Upper
117 100
82 49.9 43.4 65.0
119 32.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY016565.D

Acq: 01 Dec 2023 16:59

Instrument :

MSVOA_Y

ClientSampleId :

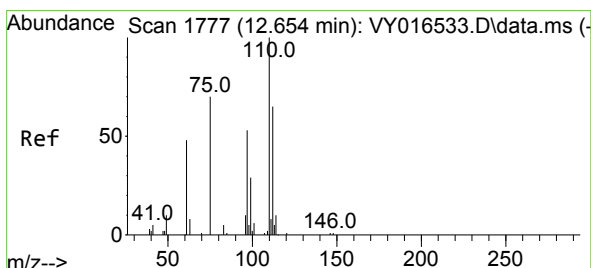
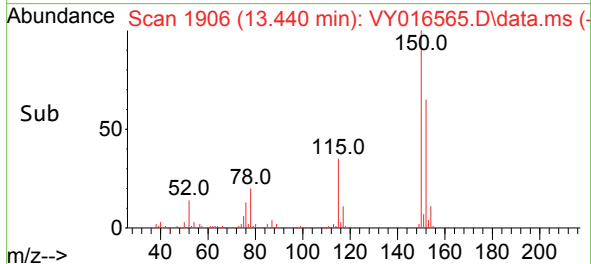
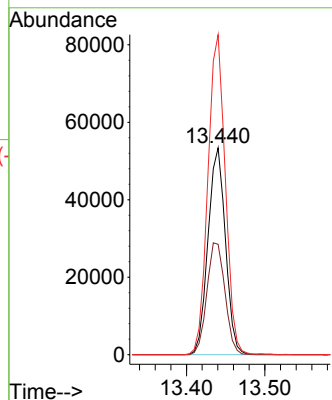
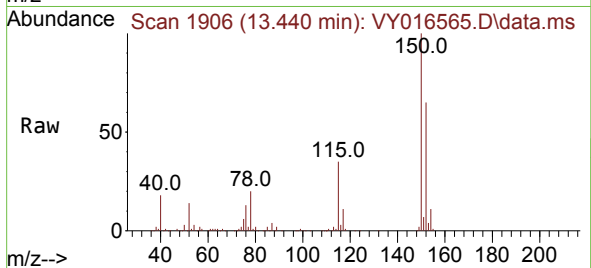
Tgt Ion:152 Resp: 82527

Ion Ratio Lower Upper

152 100

115 56.1 28.8 86.5

150 154.1 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 50.938 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.158 min

Lab File: VY016565.D

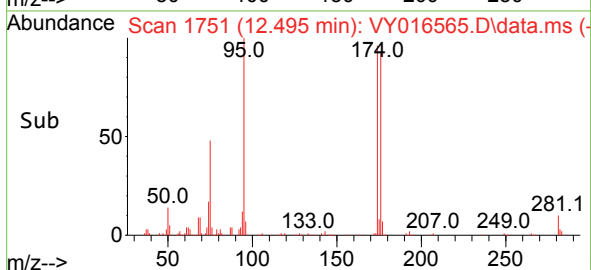
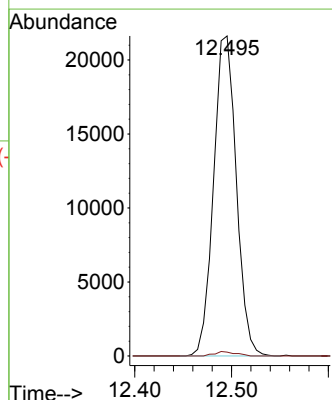
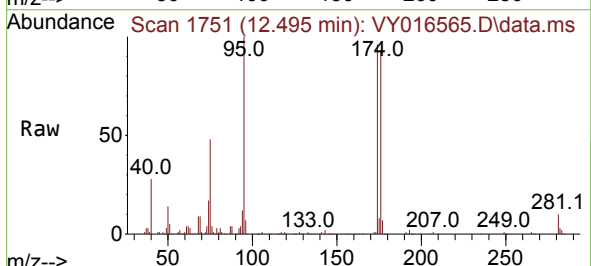
Acq: 01 Dec 2023 16:59

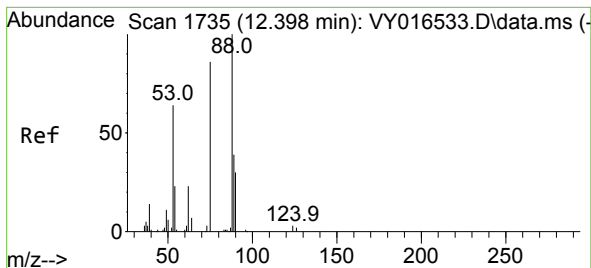
Tgt Ion: 75 Resp: 35296

Ion Ratio Lower Upper

75 100

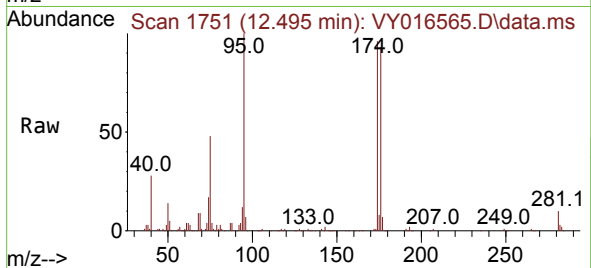
77 1.3 0.0 0.0#



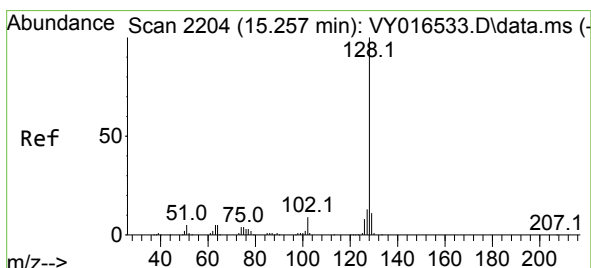
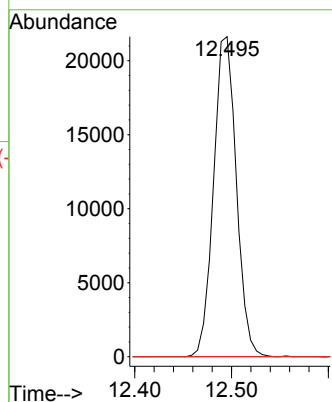
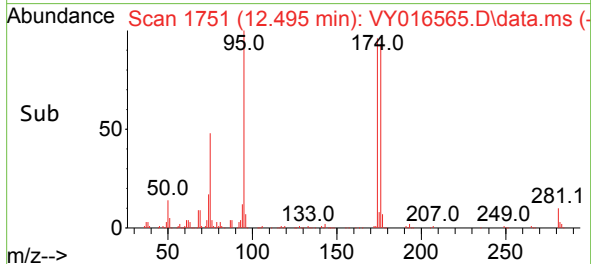


#81
trans-1,4-Dichloro-2-butene
Concen: 111.094 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY016565.D
Acq: 01 Dec 2023 16:59

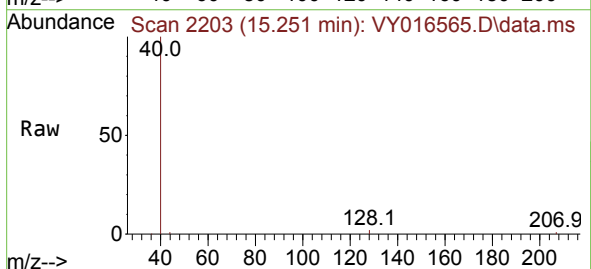
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 35296
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 5.049 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. -0.006 min
Lab File: VY016565.D
Acq: 01 Dec 2023 16:59



Tgt Ion: 128 Resp: 338
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

