

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016839.D
 Acq On : 23 Dec 2023 05:08
 Operator : SY/MD
 Sample : 05957-11
 Misc : 2.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 05:36:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

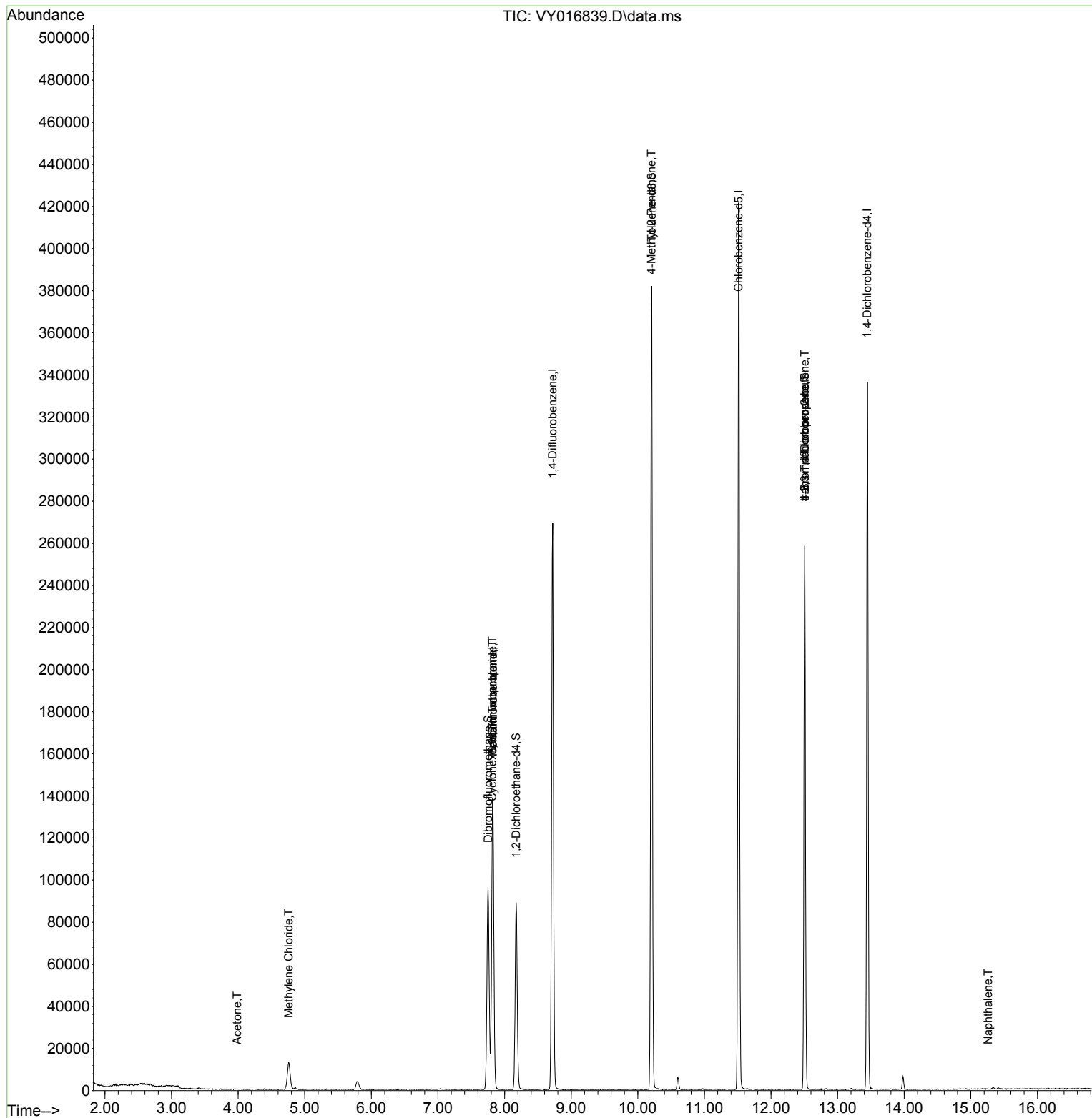
Internal Standards						
1) Pentafluorobenzene	7.825	168	103715	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	228252	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	227809	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	82314	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	66718	70.466	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.940%	
35) Dibromofluoromethane	7.752	113	70080	53.599	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.200%	
50) Toluene-d8	10.209	98	250424	53.131	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.260%	
62) 4-Bromofluorobenzene	12.507	95	78537	51.360	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.720%	
Target Compounds						
					Qvalue	
16) Acetone	3.985	43	452	1.765	ug/l #	41
20) Methylene Chloride	4.759	84	9723	4.660	ug/l #	89
31) Cyclohexane	7.813	56	2485	1.370	ug/l #	18
36) 1,1-Dichloropropene	7.819	75	9163	4.371	ug/l #	49
38) Carbon Tetrachloride	7.819	117	10676	5.147	ug/l #	16
51) 4-Methyl-2-Pentanone	10.203	43	1123	1.208	ug/l #	1
76) 1,2,3-Trichloropropane	12.507	75	41549	45.661	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.507	75	41549	107.233	ug/l #	12
95) Naphthalene	15.257	128	23	3.602	ug/l #	69

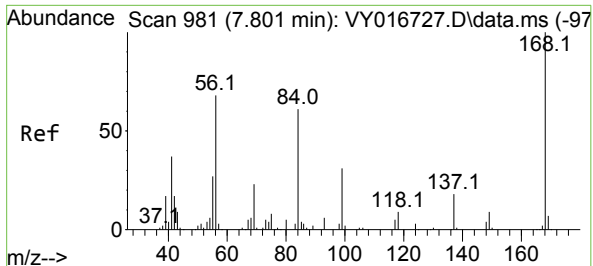
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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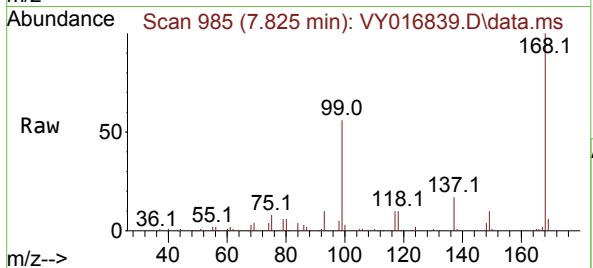
Quant Time: Dec 23 05:36:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration



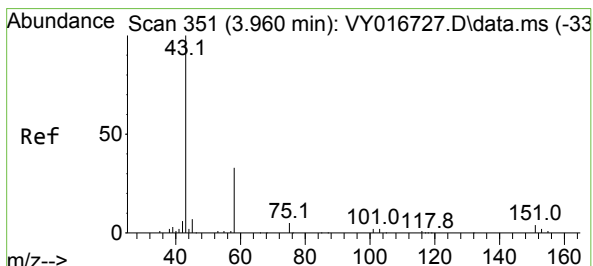
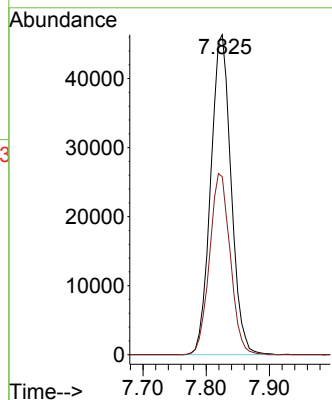
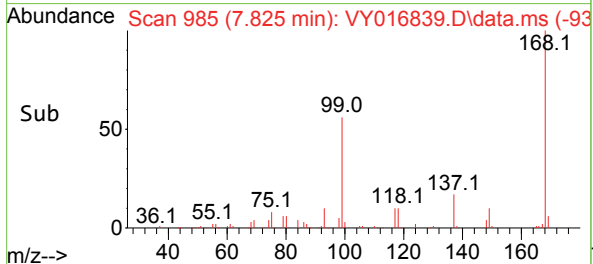


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.825 min Scan# 981
Delta R.T. 0.024 min
Lab File: VY016839.D
Acq: 23 Dec 2023 05:08

Instrument :
MSVOA_Y
ClientSampleId :

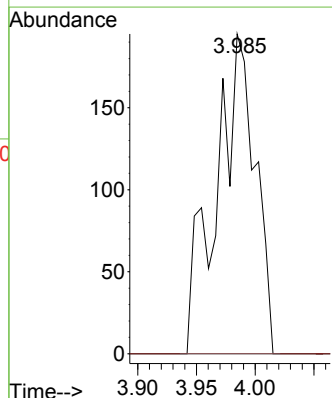
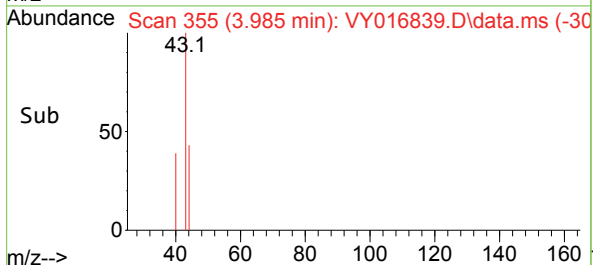
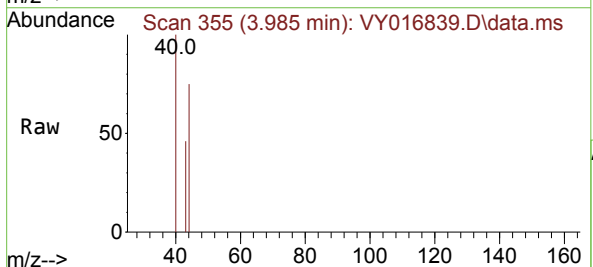


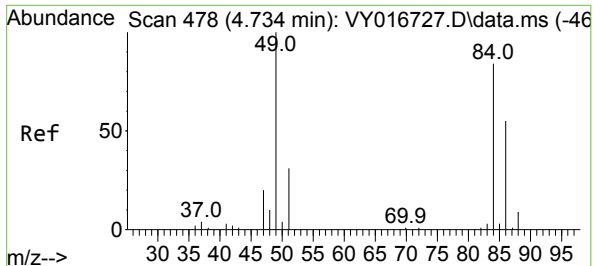
Tgt Ion:168 Resp: 103715
Ion Ratio Lower Upper
168 100
99 55.6 44.2 66.4



#16
Acetone
Concen: 1.765 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.025 min
Lab File: VY016839.D
Acq: 23 Dec 2023 05:08

Tgt Ion: 43 Resp: 452
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#





#20

Methylene Chloride

Concen: 4.660 ug/l

RT: 4.759 min Scan# 41

Delta R.T. 0.025 min

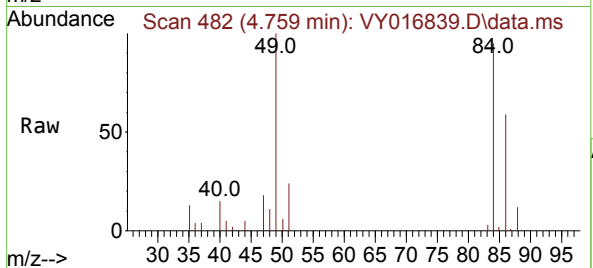
Lab File: VY016839.D

Acq: 23 Dec 2023 05:08

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 9723

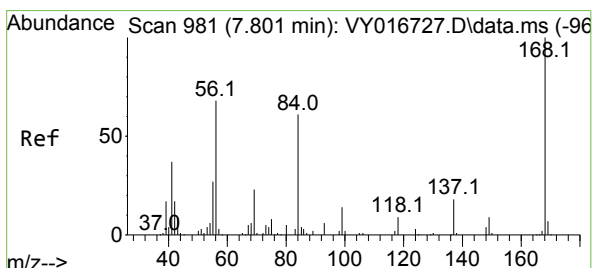
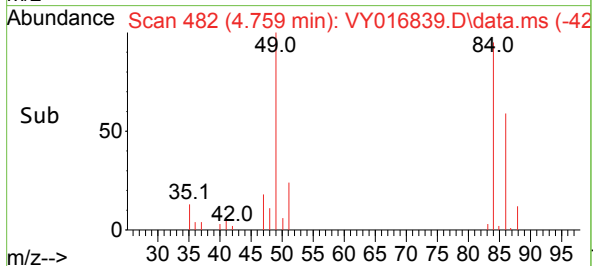
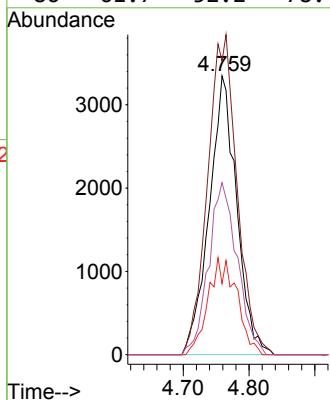
Ion Ratio Lower Upper

84 100

49 105.3 95.2 142.8

51 25.5 29.9 44.9#

86 61.7 52.2 78.4



#31

Cyclohexane

Concen: 1.370 ug/l

RT: 7.813 min Scan# 983

Delta R.T. 0.012 min

Lab File: VY016839.D

Acq: 23 Dec 2023 05:08

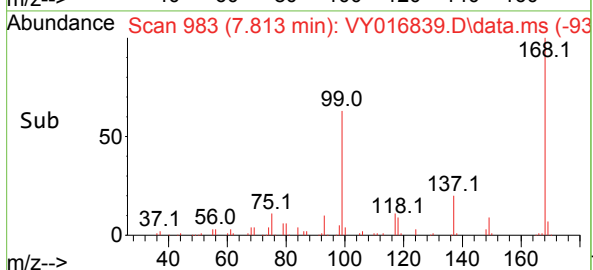
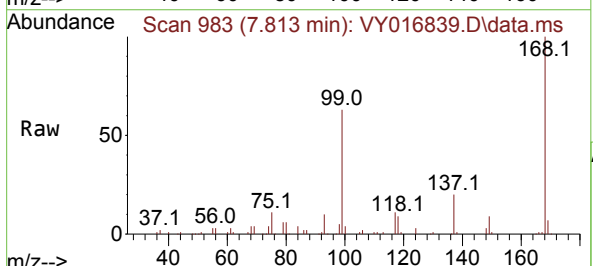
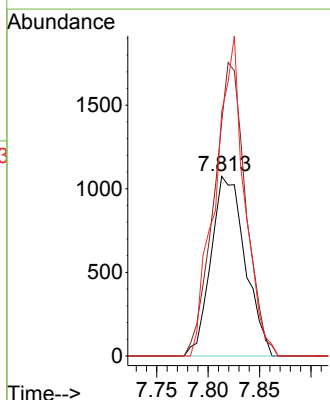
Tgt Ion: 56 Resp: 2485

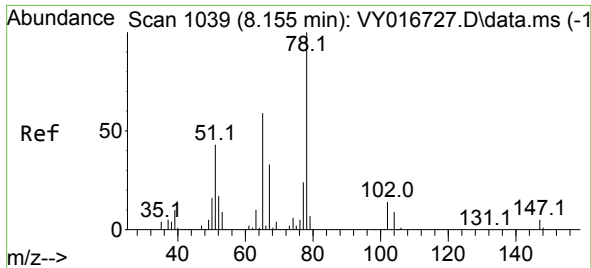
Ion Ratio Lower Upper

56 100

69 130.2 27.0 40.6#

84 136.1 71.8 107.6#

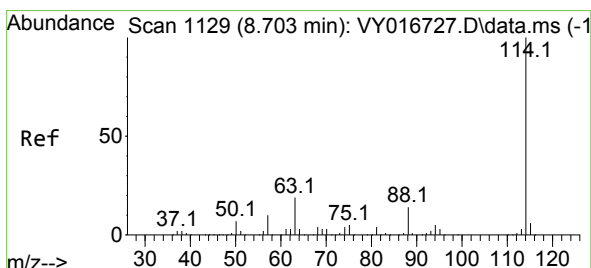
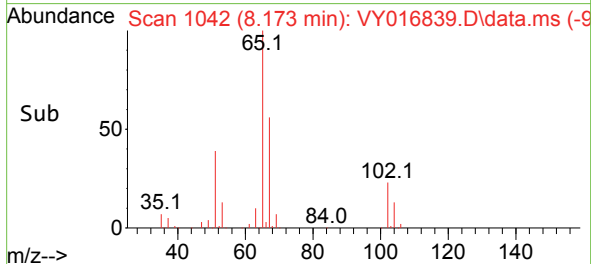
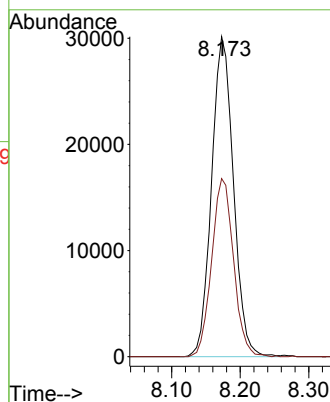
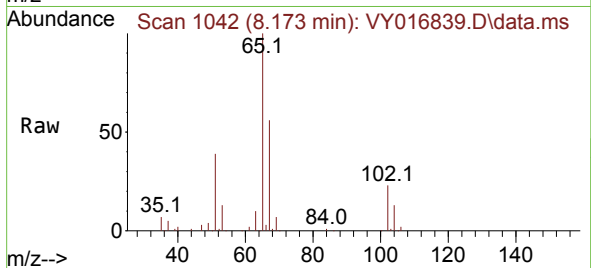




#33
1,2-Dichloroethane-d4
Concen: 70.466 ug/l
RT: 8.173 min Scan# 110
Delta R.T. 0.018 min
Lab File: VY016839.D
Acq: 23 Dec 2023 05:08

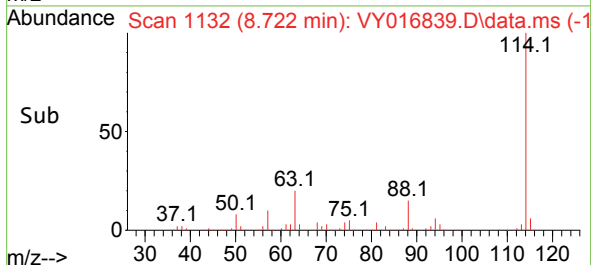
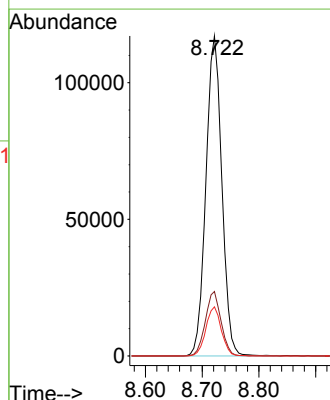
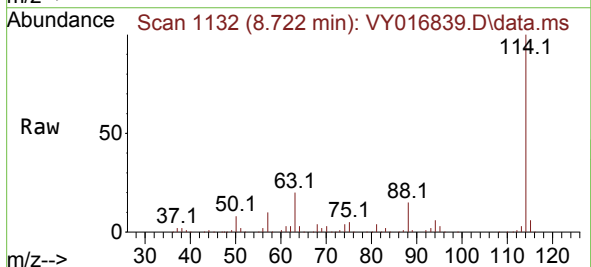
Instrument :
MSVOA_Y
ClientSampleId :

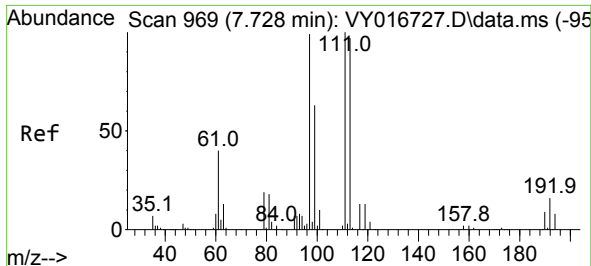
Tgt Ion: 65 Resp: 66718
Ion Ratio Lower Upper
65 100
67 55.7 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.722 min Scan# 1132
Delta R.T. 0.019 min
Lab File: VY016839.D
Acq: 23 Dec 2023 05:08

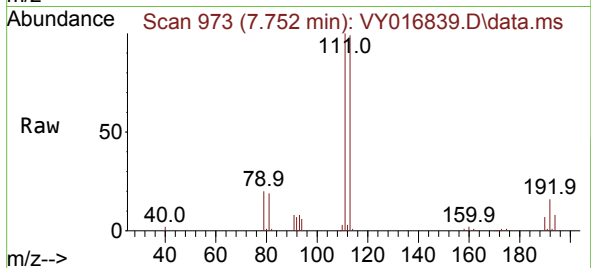
Tgt Ion: 114 Resp: 228252
Ion Ratio Lower Upper
114 100
63 20.1 0.0 37.4
88 15.4 0.0 29.0



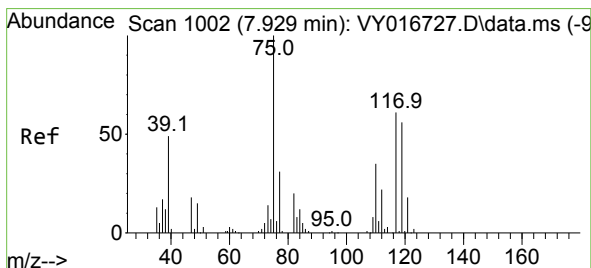
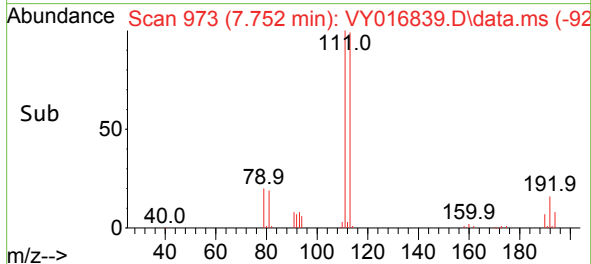
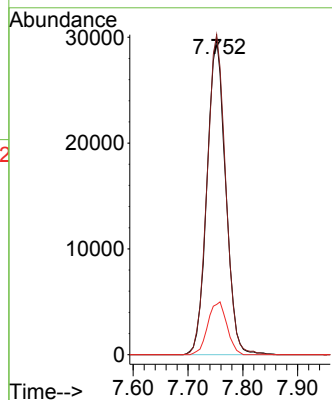


#35
Dibromofluoromethane
Concen: 53.599 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY016839.D
Acq: 23 Dec 2023 05:08

Instrument :
MSVOA_Y
ClientSampleId :

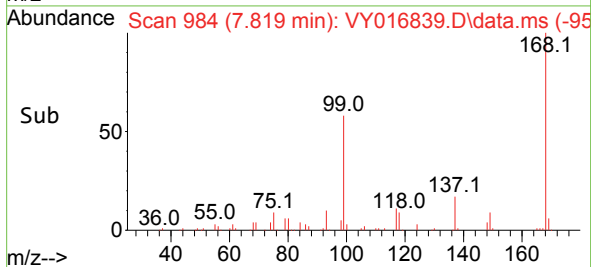
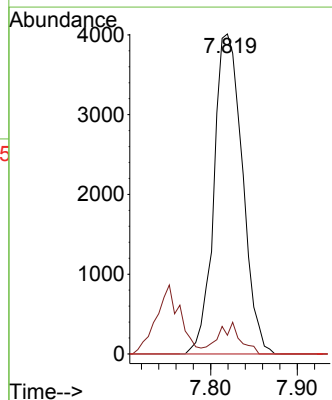
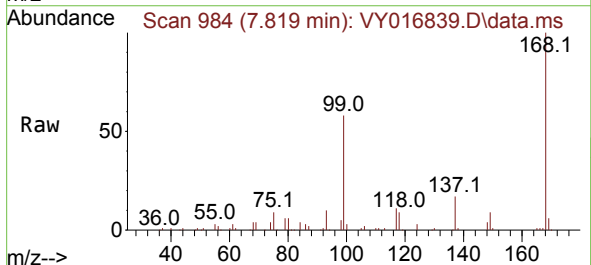


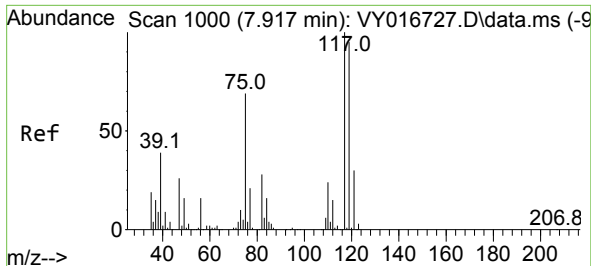
Tgt Ion:113 Resp: 70080
Ion Ratio Lower Upper
113 100
111 101.4 83.8 125.6
192 17.1 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.371 ug/l
RT: 7.819 min Scan# 984
Delta R.T. -0.110 min
Lab File: VY016839.D
Acq: 23 Dec 2023 05:08

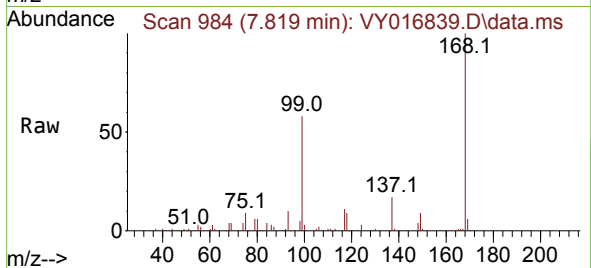
Tgt Ion: 75 Resp: 9163
Ion Ratio Lower Upper
75 100
110 7.6 17.4 52.3#
77 0.0 24.7 37.1#



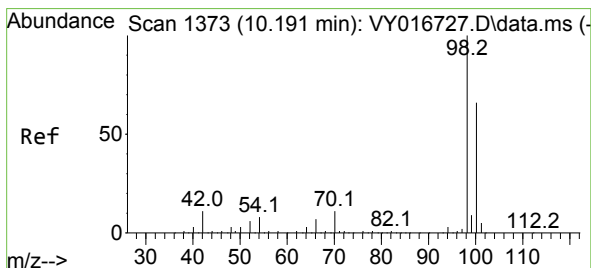
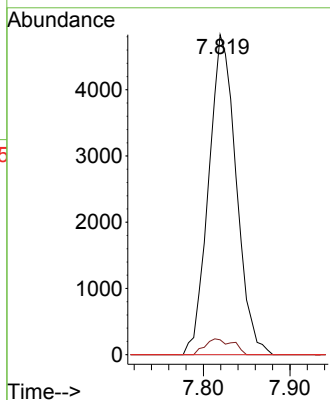
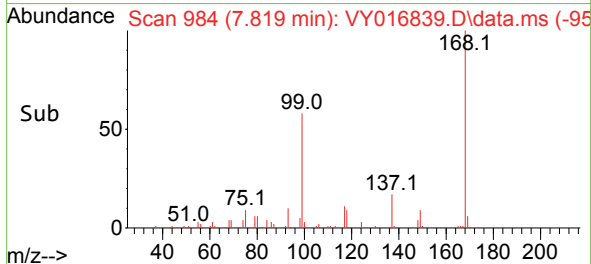


#38
Carbon Tetrachloride
Concen: 5.147 ug/l
RT: 7.819 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY016839.D
Acq: 23 Dec 2023 05:08

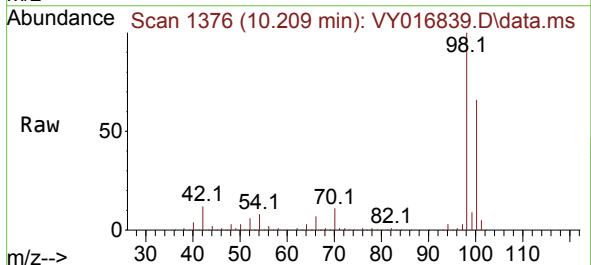
Instrument :
MSVOA_Y
ClientSampleId :



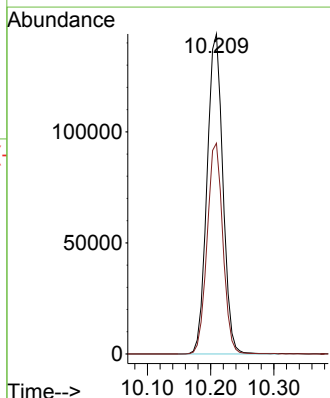
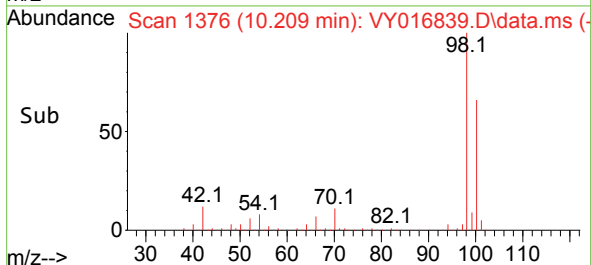
Tgt Ion:117 Resp: 10676
Ion Ratio Lower Upper
117 100
119 4.7 76.0 114.0#
121 0.0 24.2 36.2#

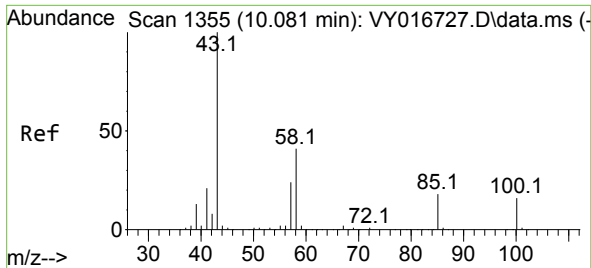


#50
Toluene-d8
Concen: 53.131 ug/l
RT: 10.209 min Scan# 1376
Delta R.T. 0.018 min
Lab File: VY016839.D
Acq: 23 Dec 2023 05:08



Tgt Ion: 98 Resp: 250424
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5

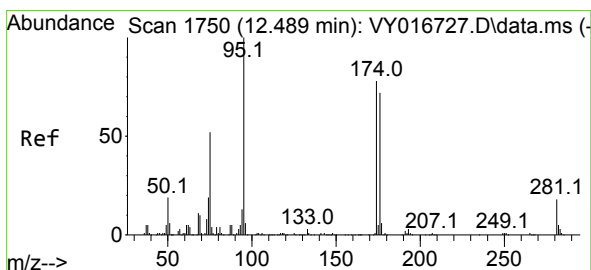
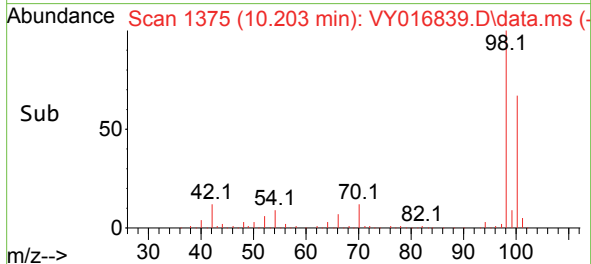
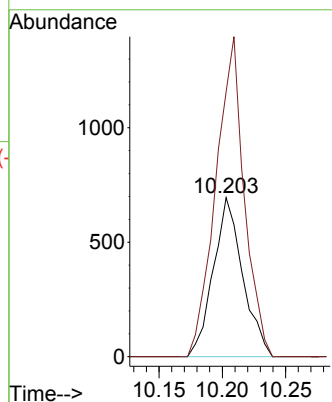
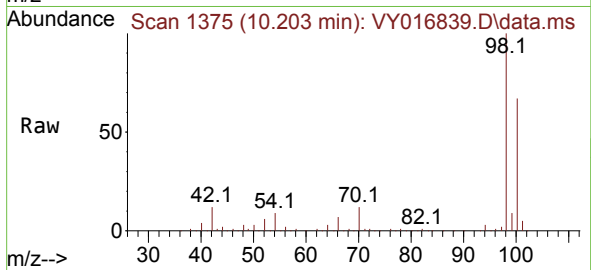




#51
4-Methyl-2-Pentanone
Concen: 1.208 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.122 min
Lab File: VY016839.D
Acq: 23 Dec 2023 05:08

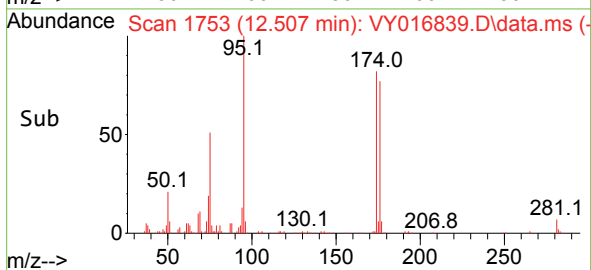
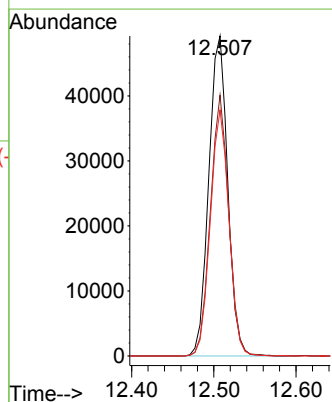
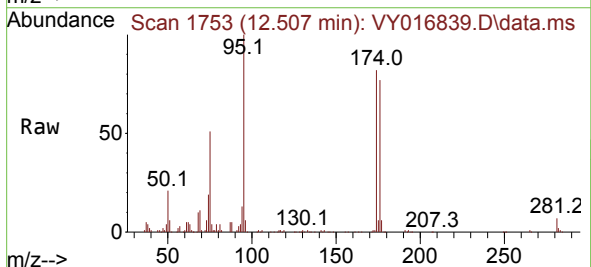
Instrument :
MSVOA_Y
ClientSampleId :

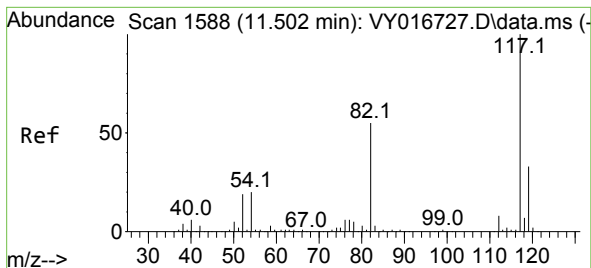
Tgt Ion: 43 Resp: 1123
Ion Ratio Lower Upper
43 100
58 194.6 32.2 48.2#



#62
4-Bromofluorobenzene
Concen: 51.360 ug/l
RT: 12.507 min Scan# 1753
Delta R.T. 0.018 min
Lab File: VY016839.D
Acq: 23 Dec 2023 05:08

Tgt Ion: 95 Resp: 78537
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.0
176 75.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016839.D

Acq: 23 Dec 2023 05:08

Instrument :

MSVOA_Y

ClientSampleId :

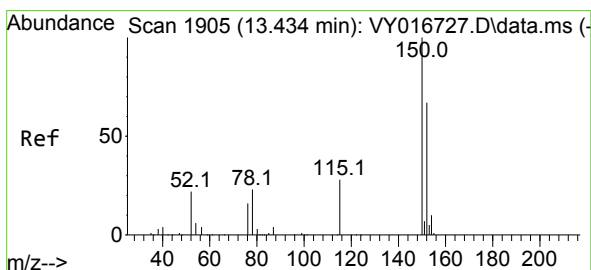
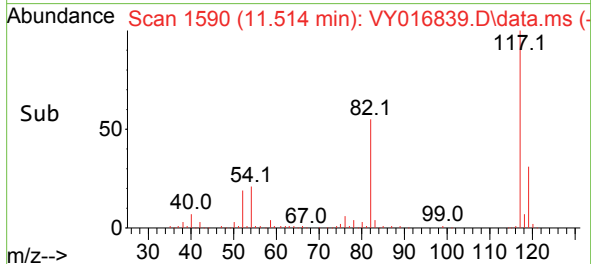
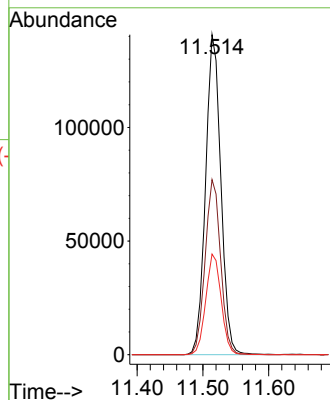
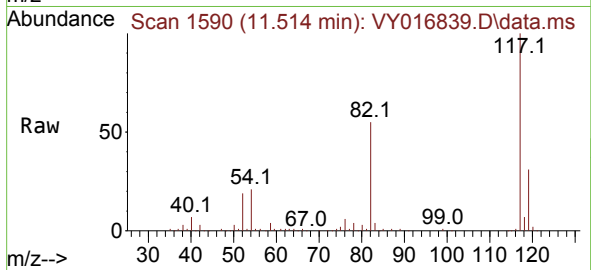
Tgt Ion:117 Resp: 227809

Ion Ratio Lower Upper

117 100

82 54.7 43.8 65.8

119 31.4 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016839.D

Acq: 23 Dec 2023 05:08

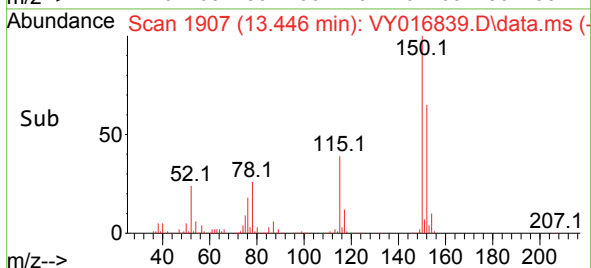
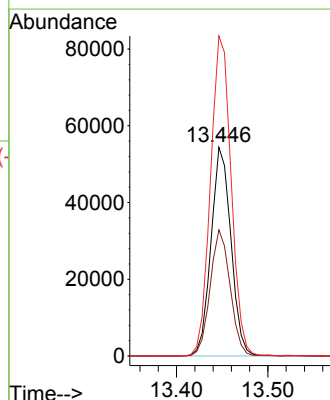
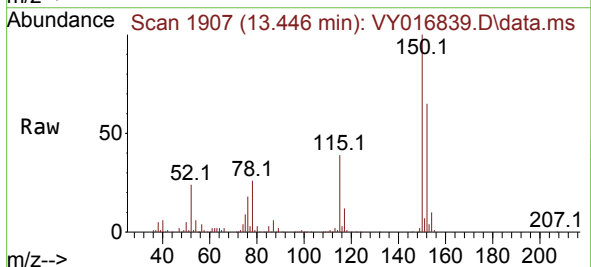
Tgt Ion:152 Resp: 82314

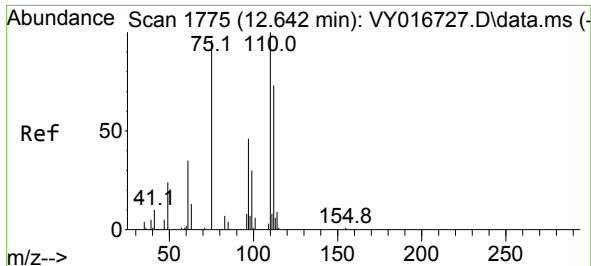
Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

150 158.6 0.0 344.6

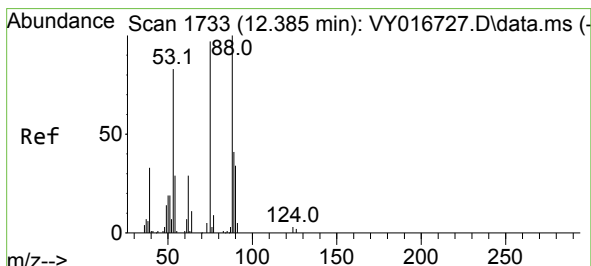
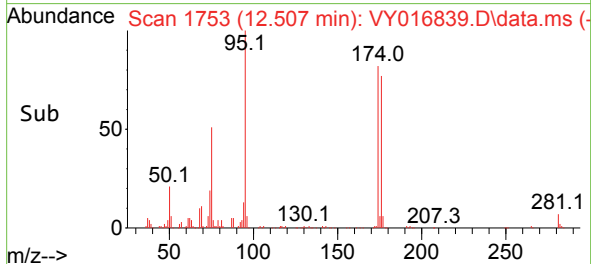
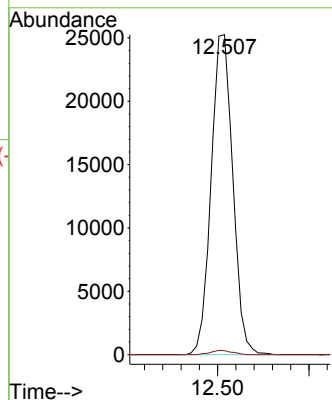
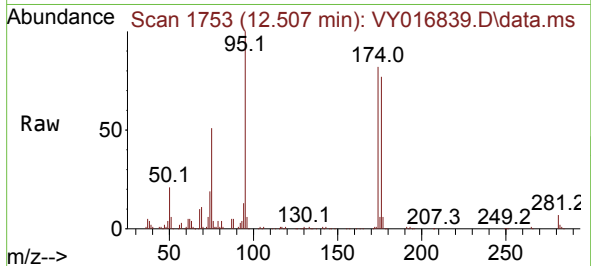




#76
1,2,3-Trichloropropane
Concen: 45.661 ug/l
RT: 12.507 min Scan# 1753
Delta R.T. -0.134 min
Lab File: VY016839.D
Acq: 23 Dec 2023 05:08

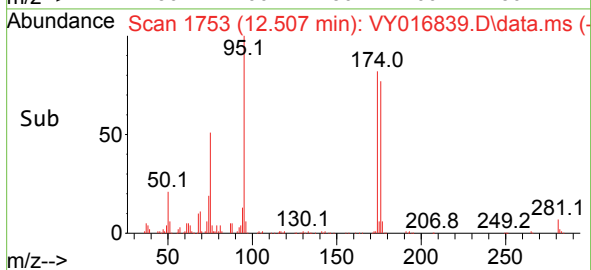
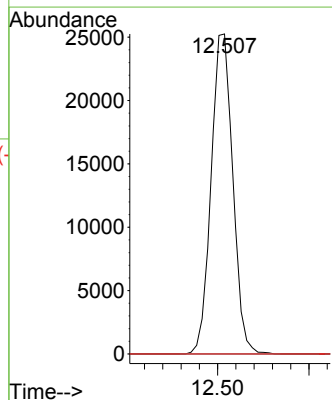
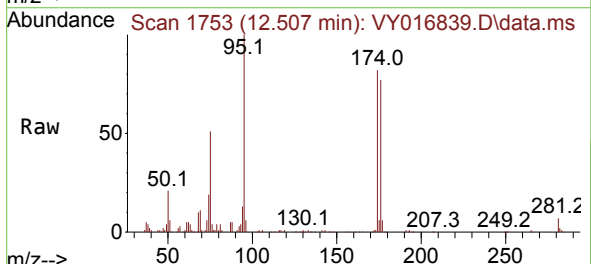
Instrument :
MSVOA_Y
ClientSampleId :

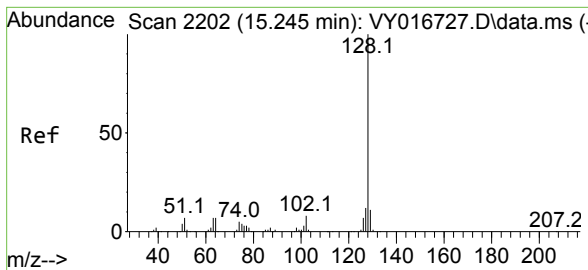
Tgt Ion: 75 Resp: 41549
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.233 ug/l
RT: 12.507 min Scan# 1753
Delta R.T. 0.122 min
Lab File: VY016839.D
Acq: 23 Dec 2023 05:08

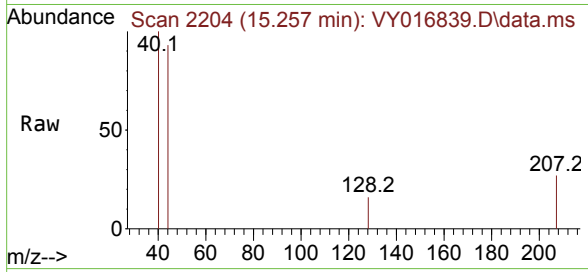
Tgt Ion: 75 Resp: 41549
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95
Naphthalene
Concen: 3.602 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY016839.D
Acq: 23 Dec 2023 05:08

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	23
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	12.8#

