

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016746.D
 Acq On : 21 Dec 2023 07:31
 Operator : SY/MD
 Sample : 05876-15
 Misc : 2.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 21 08:14:35 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)

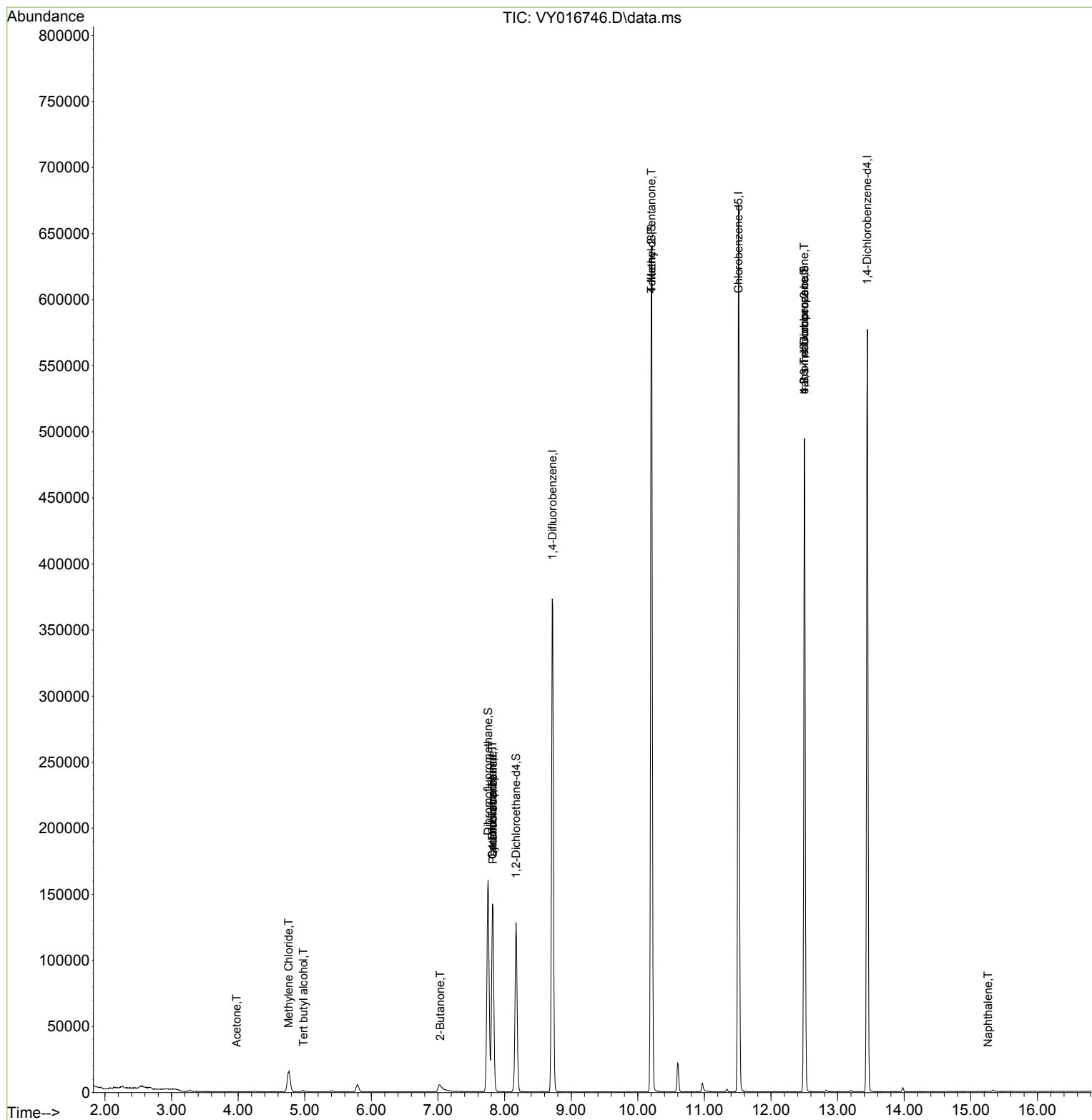
Internal Standards						
1) Pentafluorobenzene	7.825	168	108615	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	320934	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	355830	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	142112	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	95636	96.452	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 192.900%#	
35) Dibromofluoromethane	7.752	113	114822	62.458	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.920%	
50) Toluene-d8	10.203	98	423945	63.970	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 127.940%	
62) 4-Bromofluorobenzene	12.501	95	150877	70.173	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 140.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	1312	16.138	ug/l #	75
16) Acetone	3.978	43	542	2.021	ug/l #	83
20) Methylene Chloride	4.759	84	11967	5.991	ug/l	98
25) 2-Butanone	7.033	43	474	1.284	ug/l #	48
31) Cyclohexane	7.819	56	2590	1.363	ug/l #	1
36) 1,1-Dichloropropene	7.819	75	9189	3.118	ug/l #	50
38) Carbon Tetrachloride	7.819	117	11385	3.904	ug/l #	18
51) 4-Methyl-2-Pentanone	10.203	43	1834	1.403	ug/l #	1
76) 1,2,3-Trichloropropane	12.501	75	79943	50.888	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	79943	119.506	ug/l #	12
95) Naphthalene	15.257	128	174	3.629	ug/l #	69

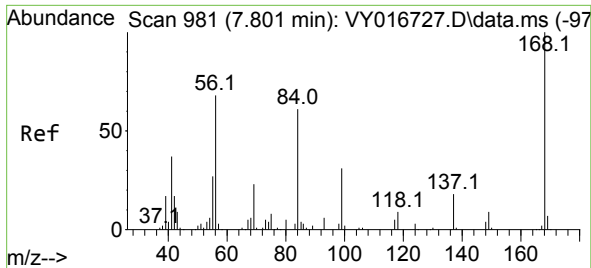
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
Data File : VY016746.D
Acq On : 21 Dec 2023 07:31
Operator : SY/MD
Sample : 05876-15
Misc : 2.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

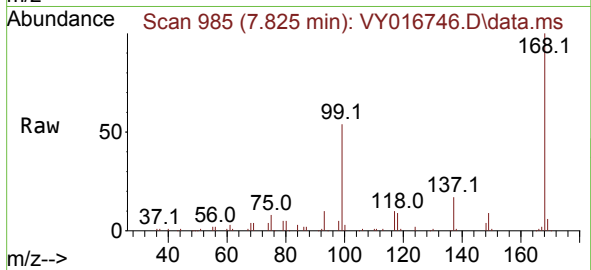
Quant Time: Dec 21 08:14:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration



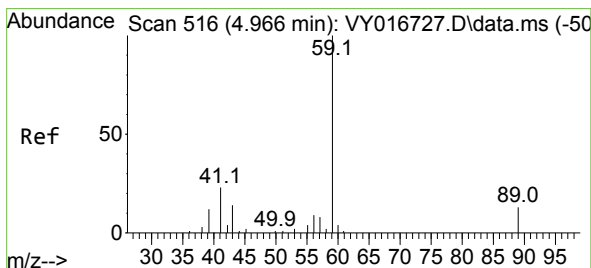
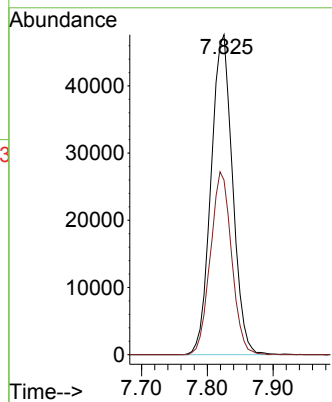
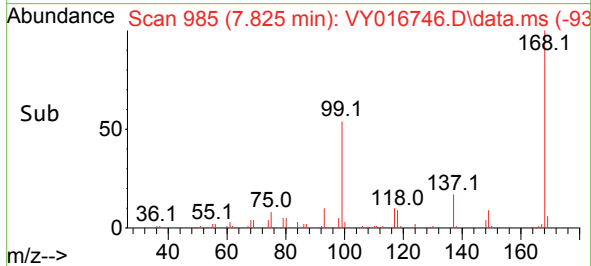


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.825 min Scan# 981
Delta R.T. 0.024 min
Lab File: VY016746.D
Acq: 21 Dec 2023 07:31

Instrument :
MSVOA_Y
ClientSampleId :

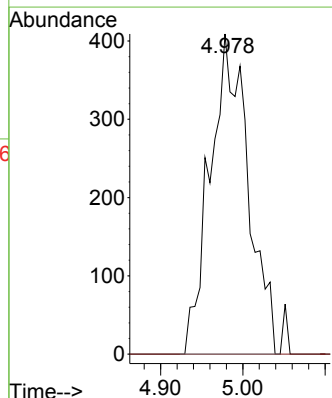
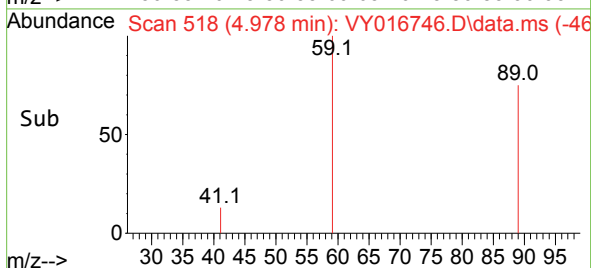
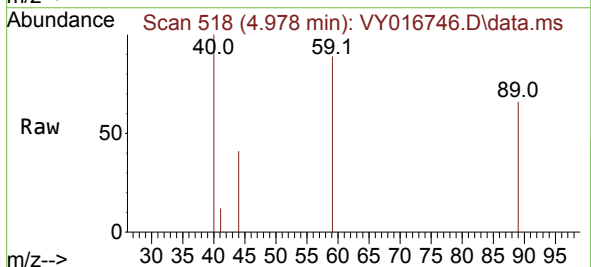


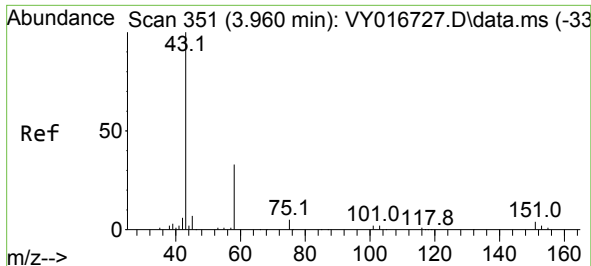
Tgt Ion:168 Resp: 108615
Ion Ratio Lower Upper
168 100
99 54.5 44.2 66.4



#11
Tert butyl alcohol
Concen: 16.138 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.012 min
Lab File: VY016746.D
Acq: 21 Dec 2023 07:31

Tgt Ion: 59 Resp: 1312
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

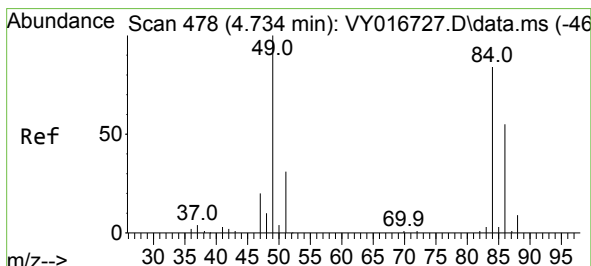
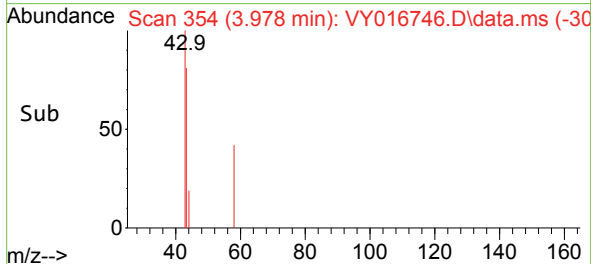
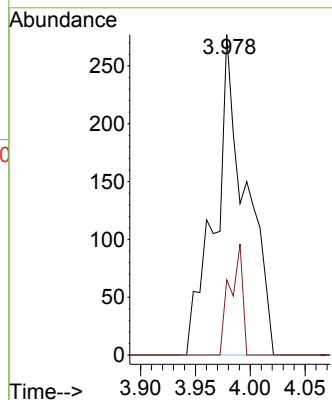
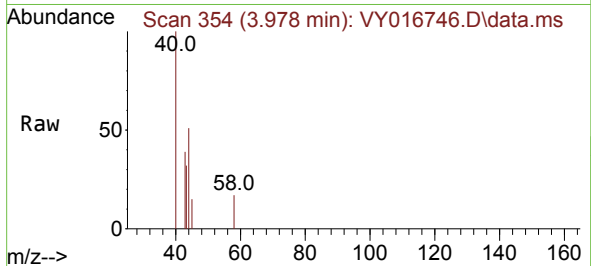




#16
Acetone
Concen: 2.021 ug/l
RT: 3.978 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY016746.D
Acq: 21 Dec 2023 07:31

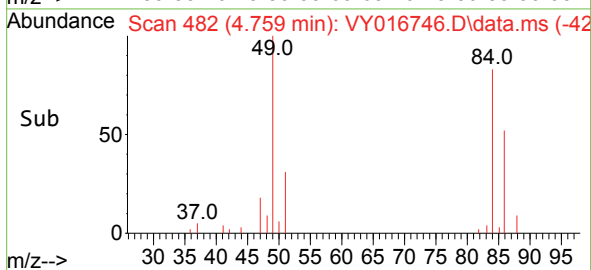
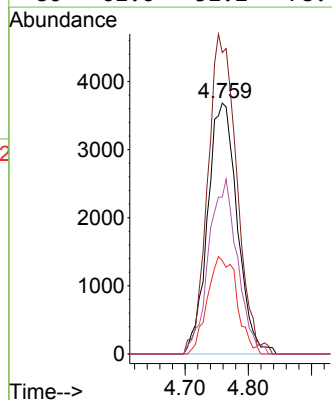
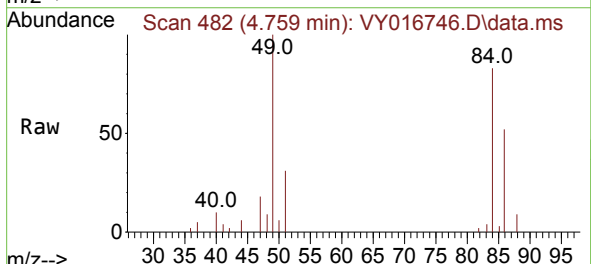
Instrument :
MSVOA_Y
ClientSampleId :

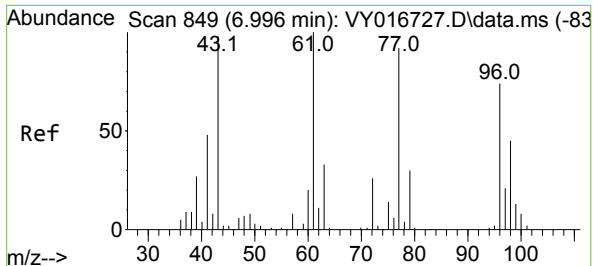
Tgt Ion: 43 Resp: 542
Ion Ratio Lower Upper
43 100
58 23.5 26.6 39.8#



#20
Methylene Chloride
Concen: 5.991 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY016746.D
Acq: 21 Dec 2023 07:31

Tgt Ion: 84 Resp: 11967
Ion Ratio Lower Upper
84 100
49 120.1 95.2 142.8
51 37.1 29.9 44.9
86 62.6 52.2 78.4





#25

2-Butanone

Concen: 1.284 ug/l

RT: 7.033 min Scan# 81

Delta R.T. 0.037 min

Lab File: VY016746.D

Acq: 21 Dec 2023 07:31

Instrument :

MSVOA_Y

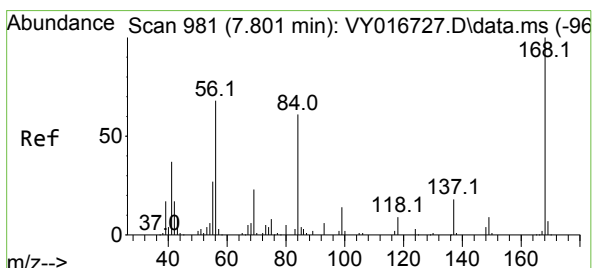
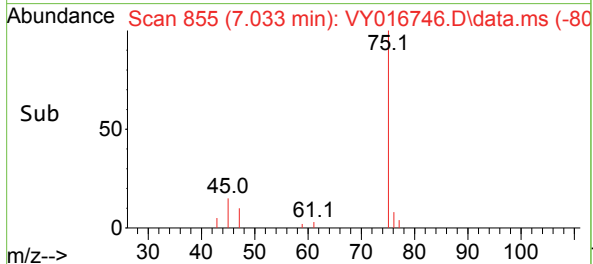
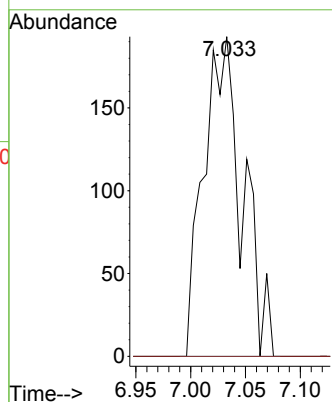
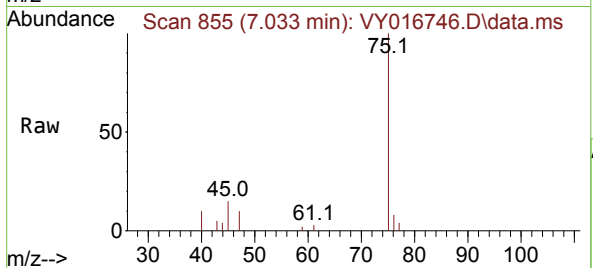
ClientSampleId :

Tgt Ion: 43 Resp: 474

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#31

Cyclohexane

Concen: 1.363 ug/l

RT: 7.819 min Scan# 984

Delta R.T. 0.018 min

Lab File: VY016746.D

Acq: 21 Dec 2023 07:31

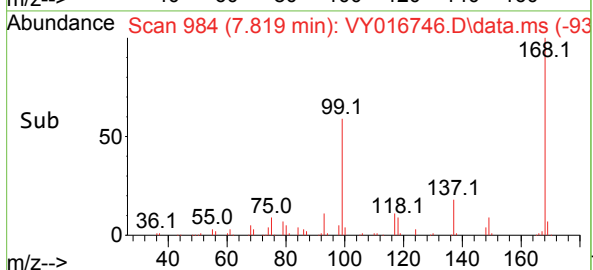
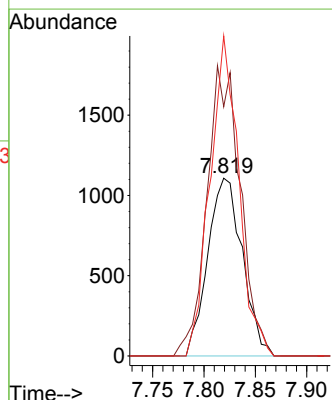
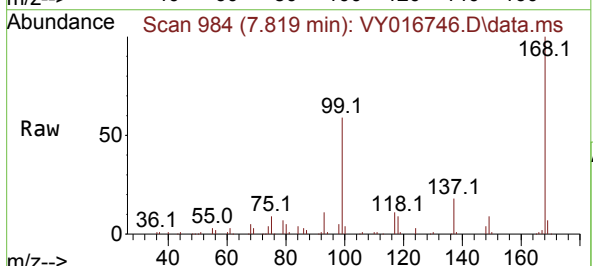
Tgt Ion: 56 Resp: 2590

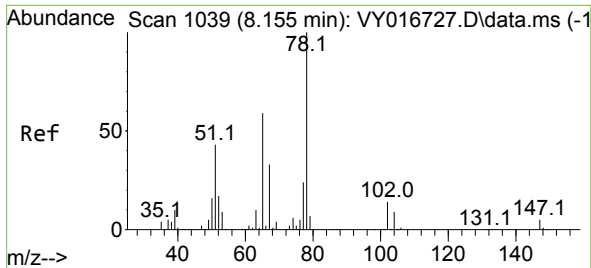
Ion Ratio Lower Upper

56 100

69 140.2 27.0 40.6#

84 180.0 71.8 107.6#

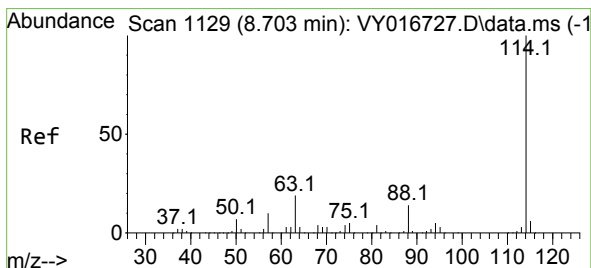
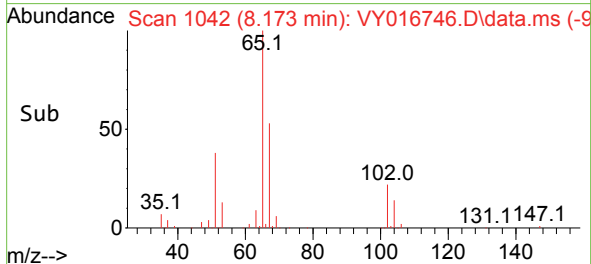
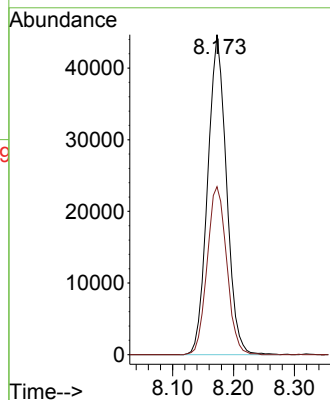
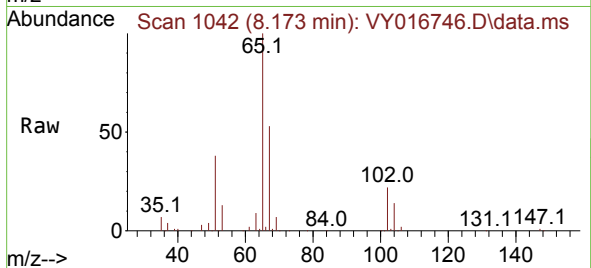




#33
1,2-Dichloroethane-d4
Concen: 96.452 ug/l
RT: 8.173 min Scan# 110
Delta R.T. 0.018 min
Lab File: VY016746.D
Acq: 21 Dec 2023 07:31

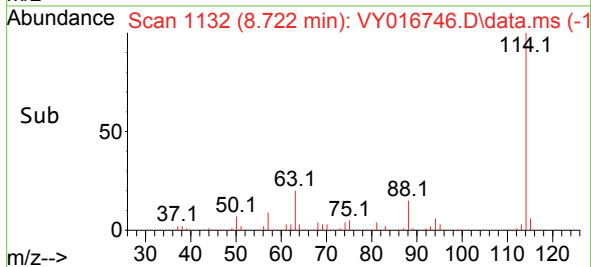
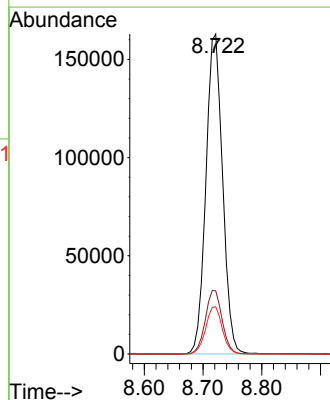
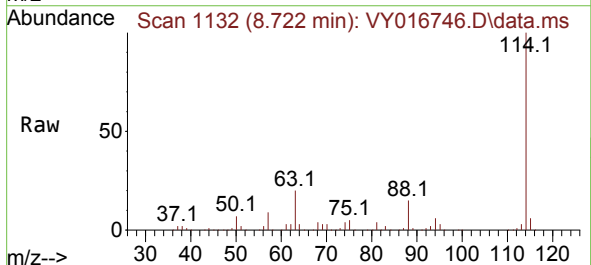
Instrument :
MSVOA_Y
ClientSampleId :

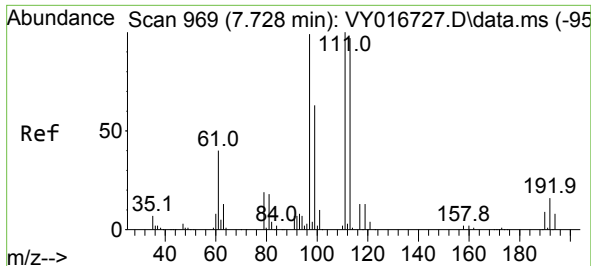
Tgt Ion: 65 Resp: 95636
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.722 min Scan# 1132
Delta R.T. 0.019 min
Lab File: VY016746.D
Acq: 21 Dec 2023 07:31

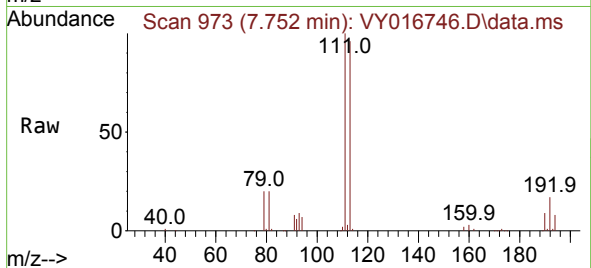
Tgt Ion:114 Resp: 320934
Ion Ratio Lower Upper
114 100
63 19.7 0.0 37.4
88 14.8 0.0 29.0



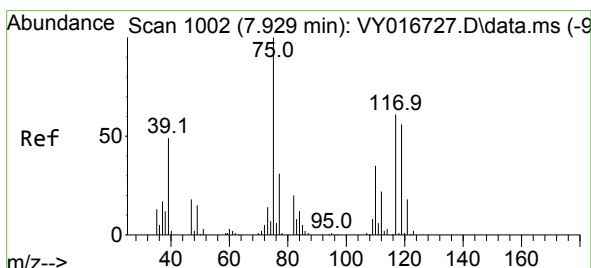
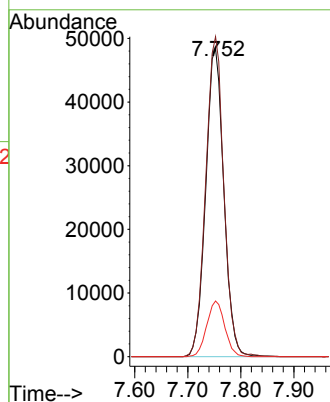
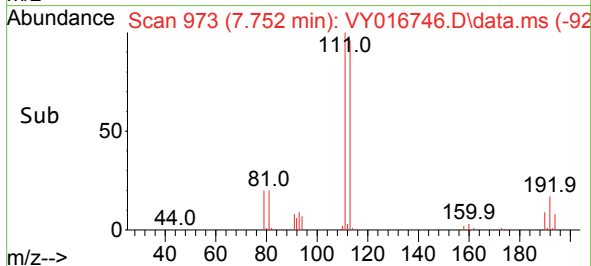


#35
Dibromofluoromethane
Concen: 62.458 ug/l
RT: 7.752 min Scan# 911
Delta R.T. 0.024 min
Lab File: VY016746.D
Acq: 21 Dec 2023 07:31

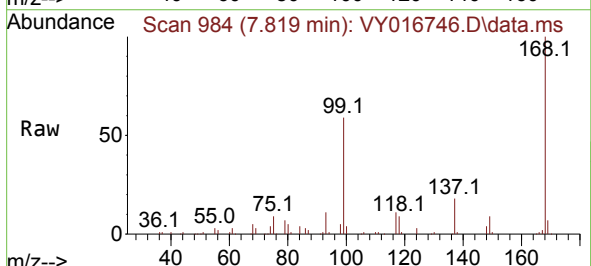
Instrument :
MSVOA_Y
ClientSampleId :



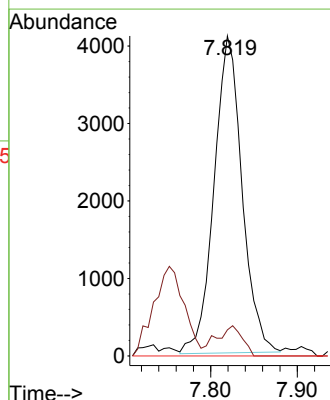
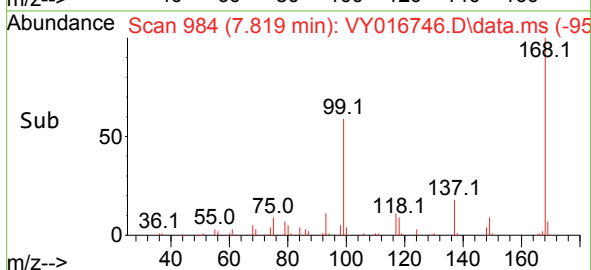
Tgt Ion:113 Resp: 114822
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.6
192 18.0 14.5 21.7

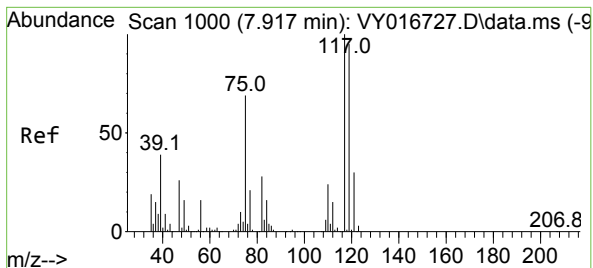


#36
1,1-Dichloropropene
Concen: 3.118 ug/l
RT: 7.819 min Scan# 984
Delta R.T. -0.110 min
Lab File: VY016746.D
Acq: 21 Dec 2023 07:31



Tgt Ion: 75 Resp: 9189
Ion Ratio Lower Upper
75 100
110 8.9 17.4 52.3#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 3.904 ug/l

RT: 7.819 min Scan# 91

Delta R.T. -0.098 min

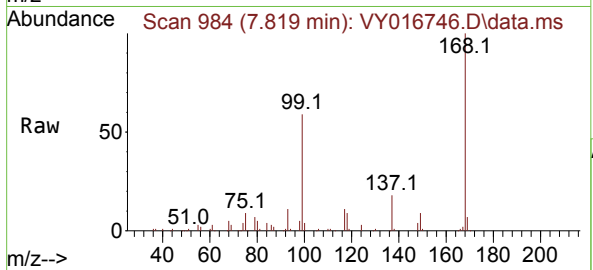
Lab File: VY016746.D

Acq: 21 Dec 2023 07:31

Instrument :

MSVOA_Y

ClientSampleId :



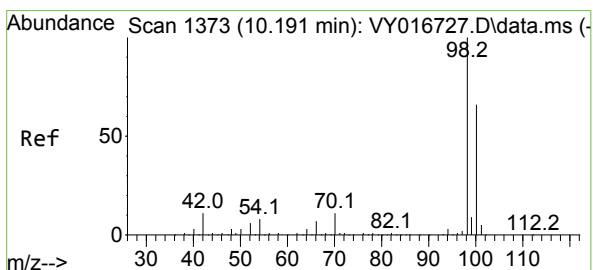
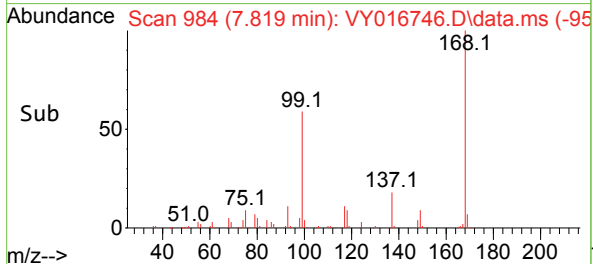
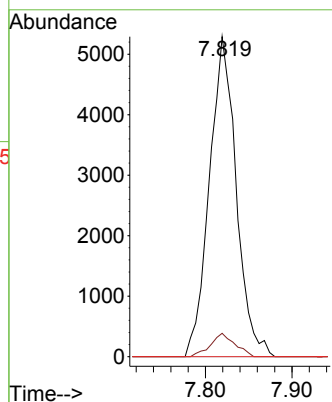
Tgt Ion:117 Resp: 11385

Ion Ratio Lower Upper

117 100

119 7.3 76.0 114.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 63.970 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016746.D

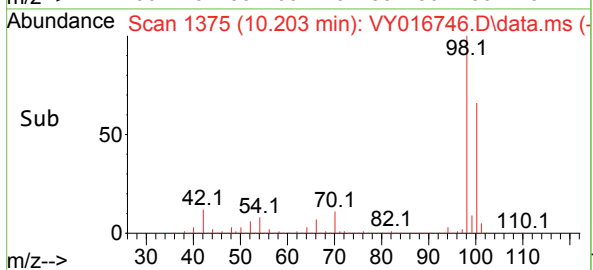
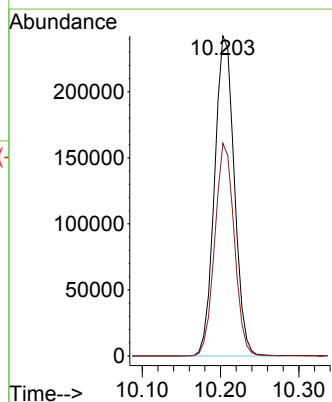
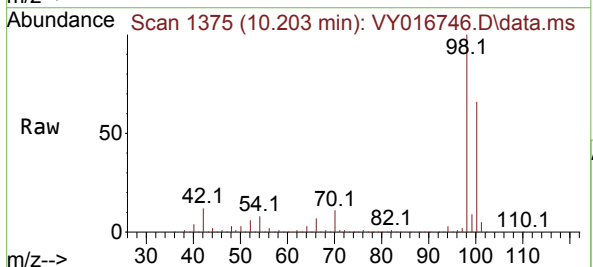
Acq: 21 Dec 2023 07:31

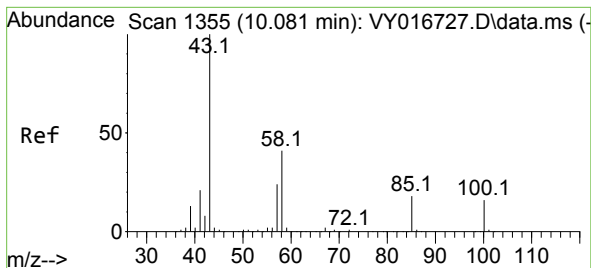
Tgt Ion: 98 Resp: 423945

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5

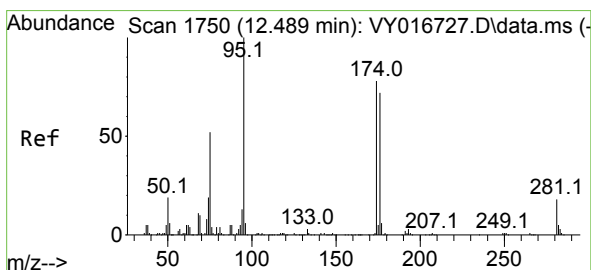
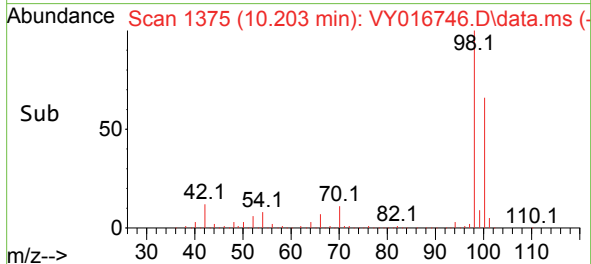
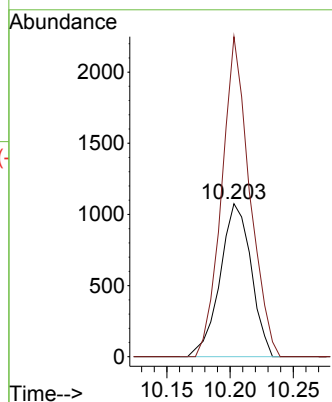
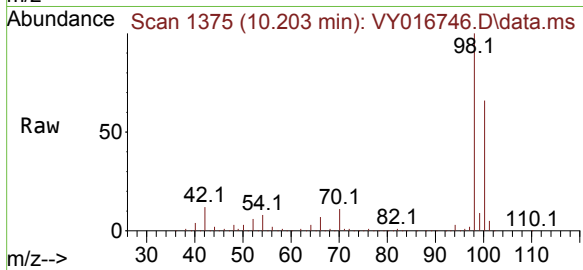




#51
4-Methyl-2-Pentanone
Concen: 1.403 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.122 min
Lab File: VY016746.D
Acq: 21 Dec 2023 07:31

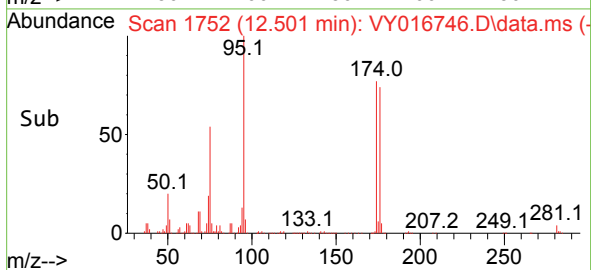
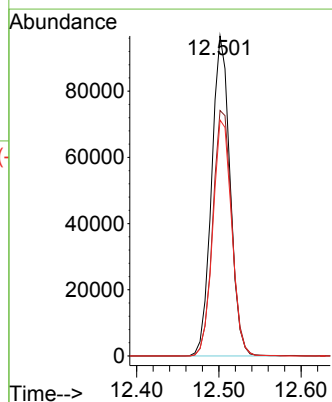
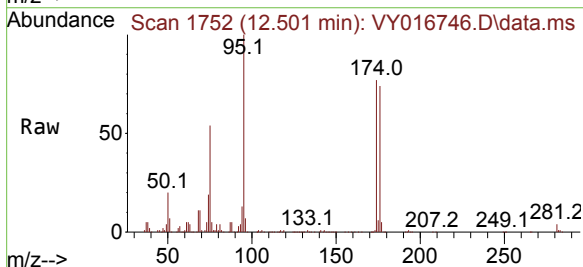
Instrument :
MSVOA_Y
ClientSampleId :

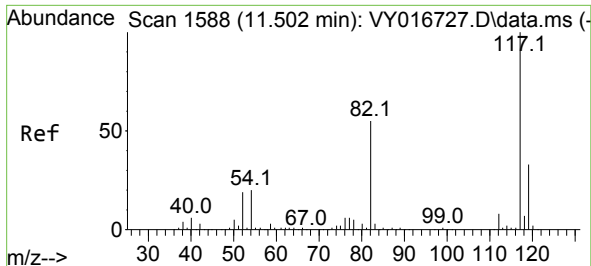
Tgt Ion: 43 Resp: 1834
Ion Ratio Lower Upper
43 100
58 188.5 32.2 48.2#



#62
4-Bromofluorobenzene
Concen: 70.173 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016746.D
Acq: 21 Dec 2023 07:31

Tgt Ion: 95 Resp: 150877
Ion Ratio Lower Upper
95 100
174 79.1 0.0 160.0
176 75.4 0.0 151.8

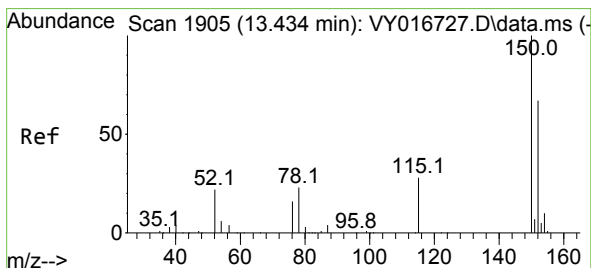
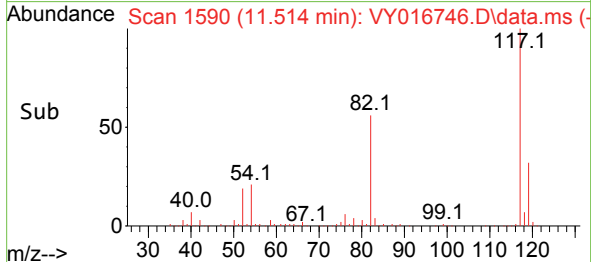
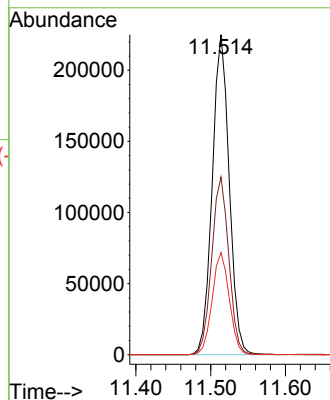
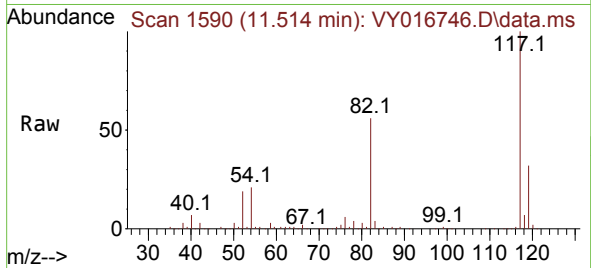




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016746.D
Acq: 21 Dec 2023 07:31

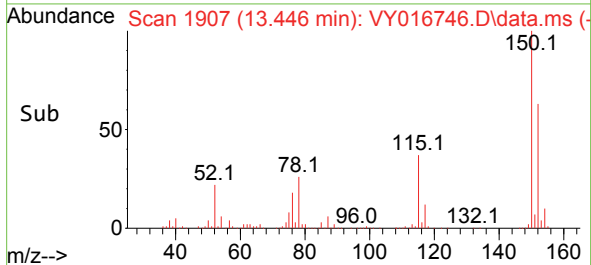
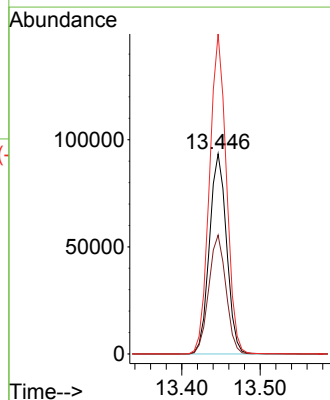
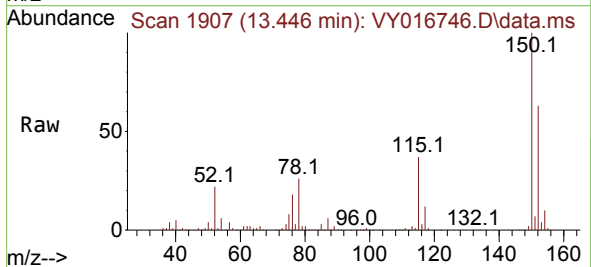
Instrument :
MSVOA_Y
ClientSampleId :

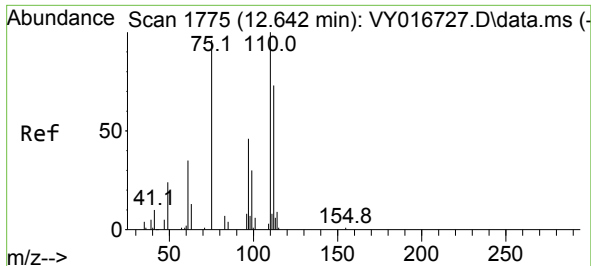
Tgt Ion:117 Resp: 355830
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.8
119 31.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY016746.D
Acq: 21 Dec 2023 07:31

Tgt Ion:152 Resp: 142112
Ion Ratio Lower Upper
152 100
115 59.6 30.0 90.0
150 157.5 0.0 344.6

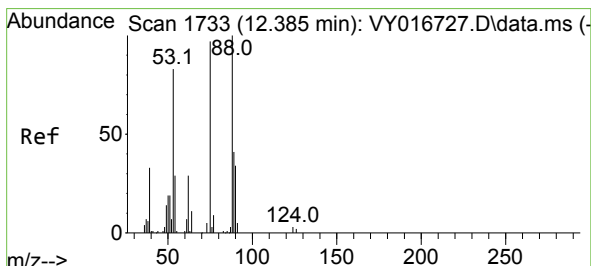
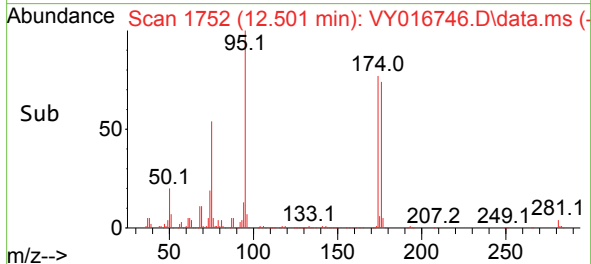
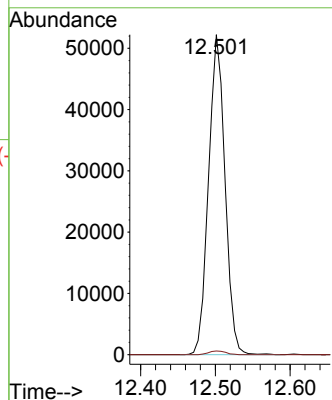
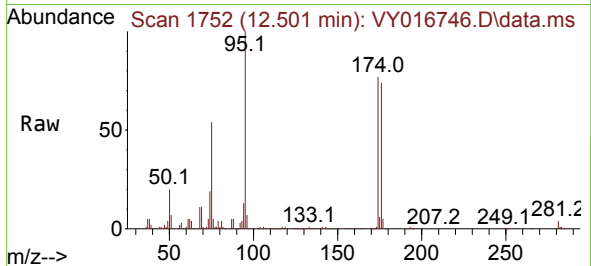




#76
1,2,3-Trichloropropane
Concen: 50.888 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. -0.140 min
Lab File: VY016746.D
Acq: 21 Dec 2023 07:31

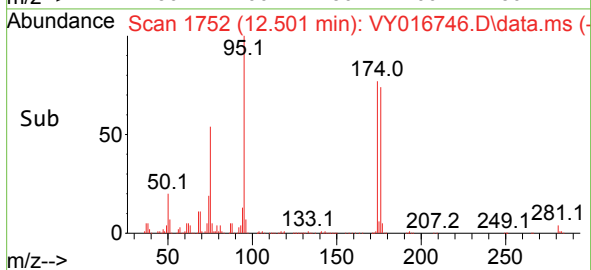
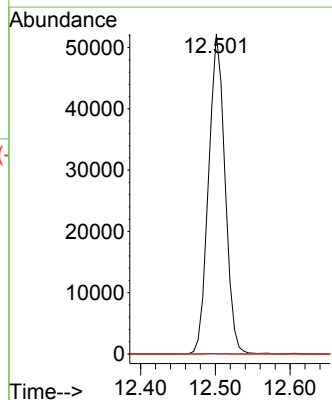
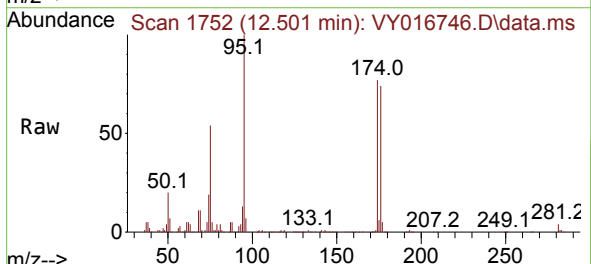
Instrument :
MSVOA_Y
ClientSampleId :

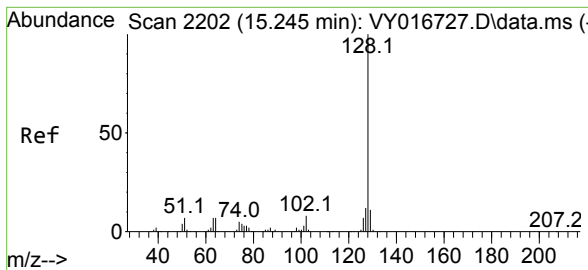
Tgt Ion: 75 Resp: 79943
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.506 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.116 min
Lab File: VY016746.D
Acq: 21 Dec 2023 07:31

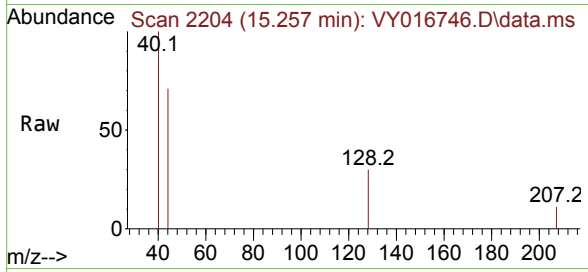
Tgt Ion: 75 Resp: 79943
Ion Ratio Lower Upper
75 100
53 0.1 74.0 111.0#
89 0.0 36.5 54.7#





#95
 Naphthalene
 Concen: 3.629 ug/l
 RT: 15.257 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY016746.D
 Acq: 21 Dec 2023 07:31

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	174
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	12.8#

