

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016047.D
 Acq On : 19 Oct 2023 19:07
 Operator : SY/MD
 Sample : 04941-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 20 05:40:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

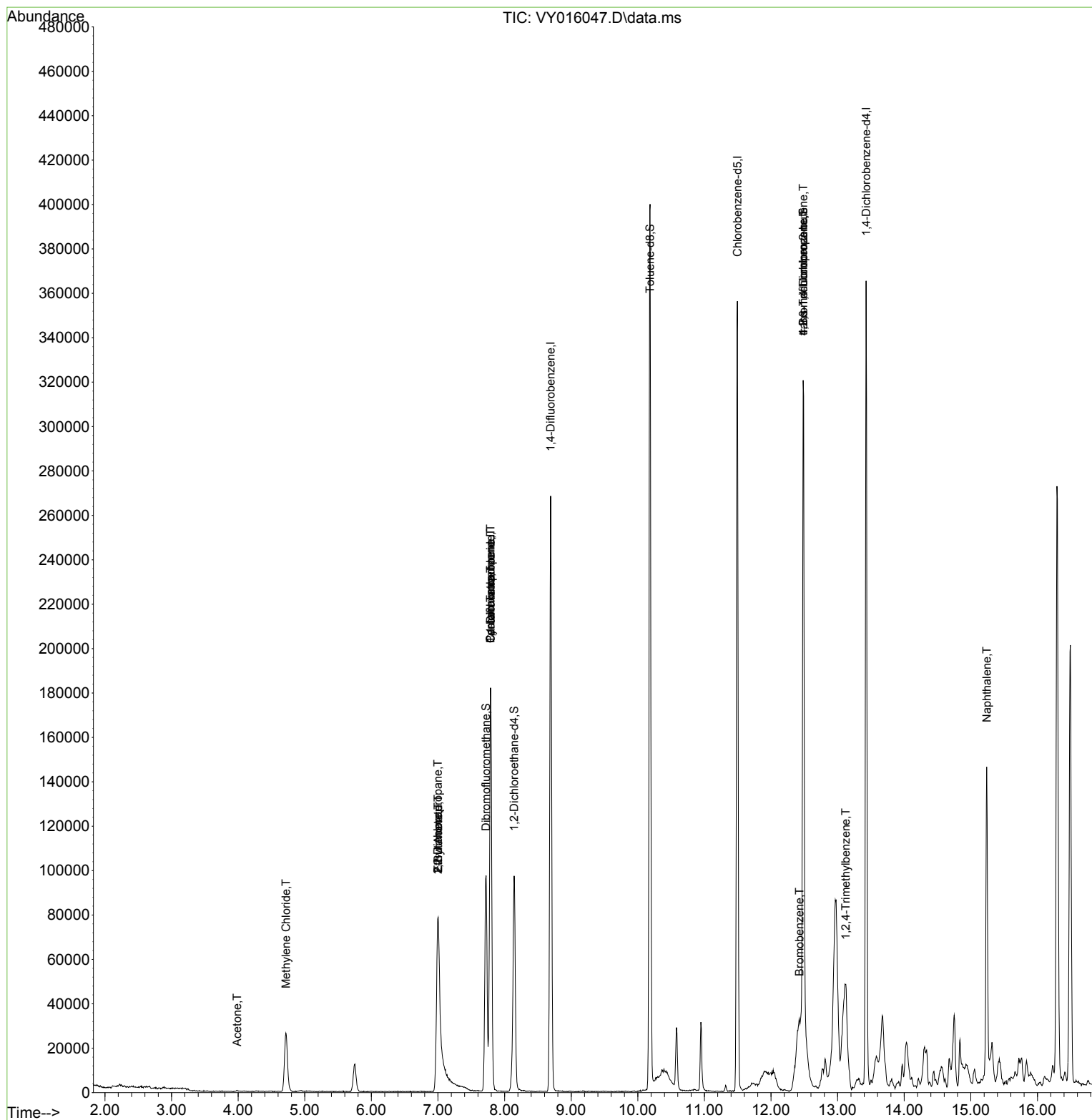
Internal Standards						
1) Pentafluorobenzene	7.789	168	141886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	230642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	202180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	76390	47.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.740%
35) Dibromofluoromethane	7.722	113	71375	47.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.040%
50) Toluene-d8	10.185	98	266629	48.359	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.720%
62) 4-Bromofluorobenzene	12.483	95	89280	45.382	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.760%
Target Compounds						
					Qvalue	
16) Acetone	3.985	43	636	1.064	ug/l	90
20) Methylene Chloride	4.716	84	21036	11.846	ug/l	87
25) 2-Butanone	7.002	43	4535	5.539	ug/l #	73
26) 2,2-Dichloropropane	6.996	77	7661	3.097	ug/l #	54
31) Cyclohexane	7.789	56	2753	1.091	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10707	4.688	ug/l #	49
37) Ethyl Acetate	7.002	43	4535	2.755	ug/l #	1
38) Carbon Tetrachloride	7.789	117	14098	5.807	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	46967	35.538	ug/l #	100
77) Bromobenzene	12.428	156	66439	39.204	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	46967	77.577	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.123	105	6169	1.074	ug/l	98
95) Naphthalene	15.239	128	117602	24.844	ug/l	98

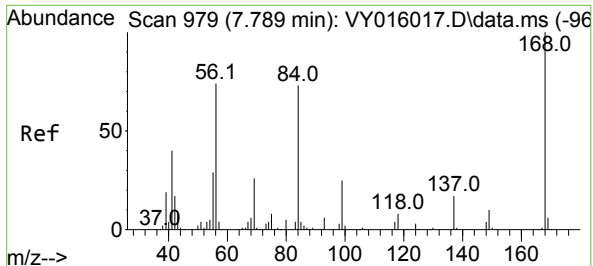
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
Data File : VY016047.D
Acq On : 19 Oct 2023 19:07
Operator : SY/MD
Sample : 04941-03
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

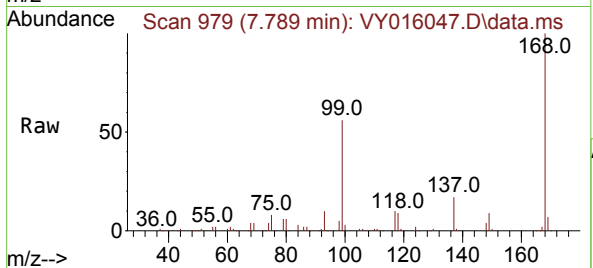
Quant Time: Oct 20 05:40:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 19 03:15:44 2023
Response via : Initial Calibration



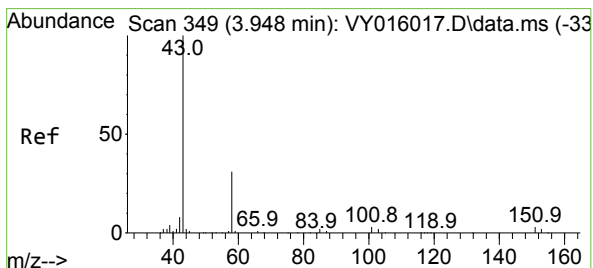
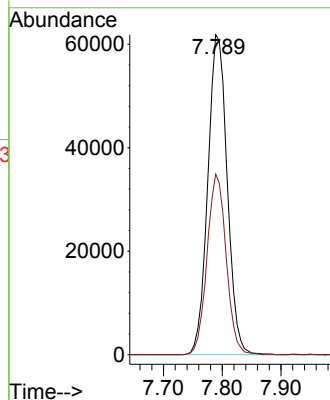
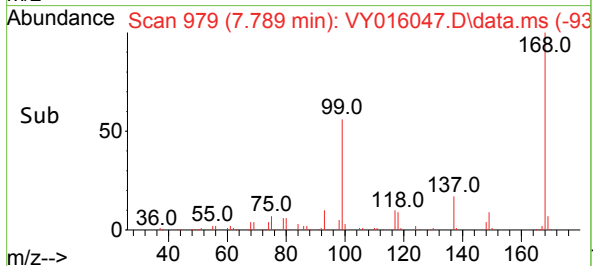


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016047.D
Acq: 19 Oct 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :

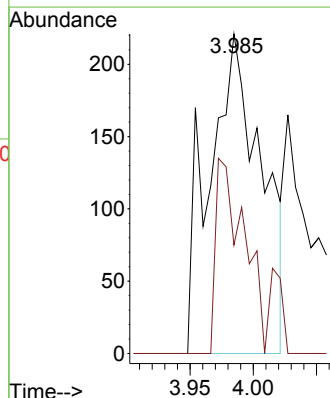
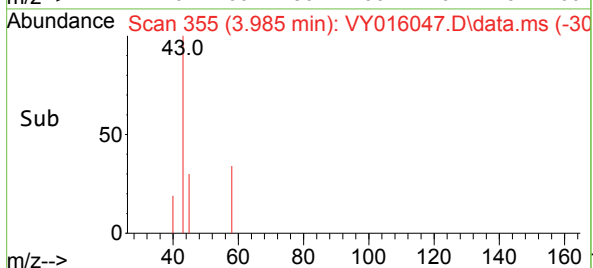
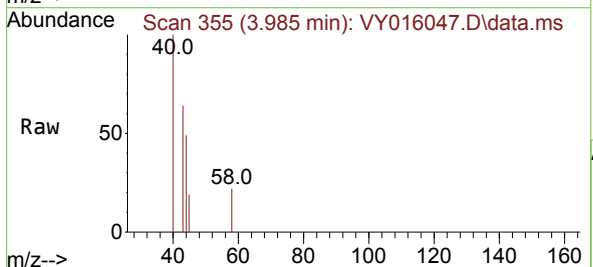


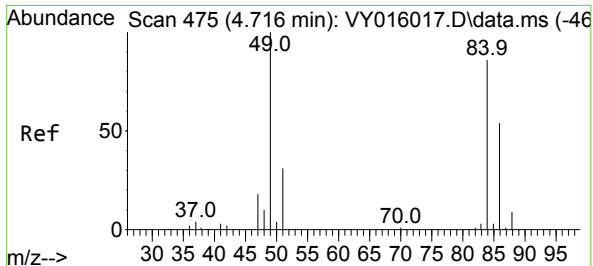
Tgt Ion:168 Resp: 141886
Ion Ratio Lower Upper
168 100
99 56.4 43.4 65.0



#16
Acetone
Concen: 1.064 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.036 min
Lab File: VY016047.D
Acq: 19 Oct 2023 19:07

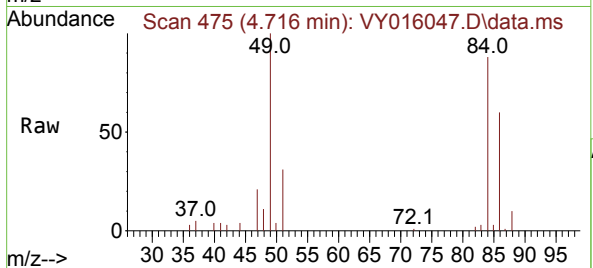
Tgt Ion: 43 Resp: 636
Ion Ratio Lower Upper
43 100
58 33.9 22.7 34.1





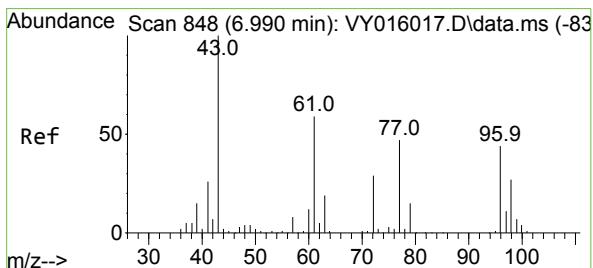
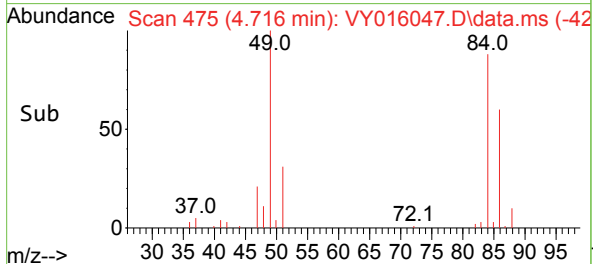
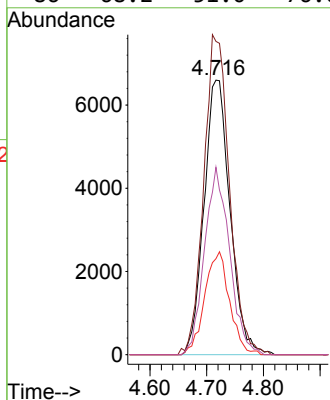
#20
Methylene Chloride
Concen: 11.846 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY016047.D
Acq: 19 Oct 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 21036

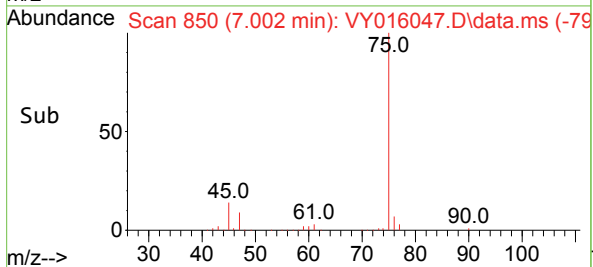
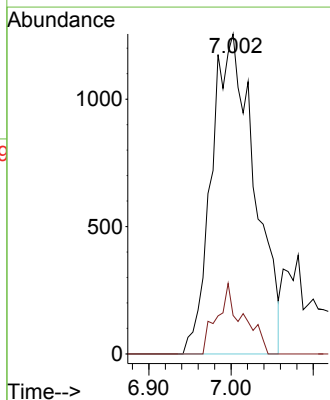
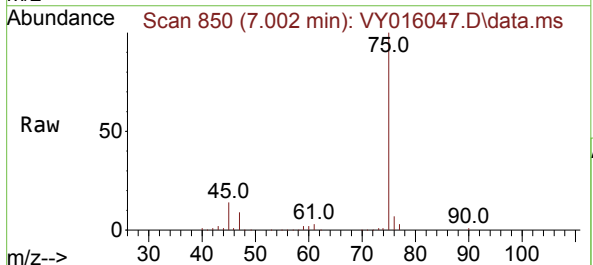
Ion	Ratio	Lower	Upper
84	100		
49	114.1	106.9	160.3
51	35.0	33.2	49.8
86	68.2	51.0	76.6

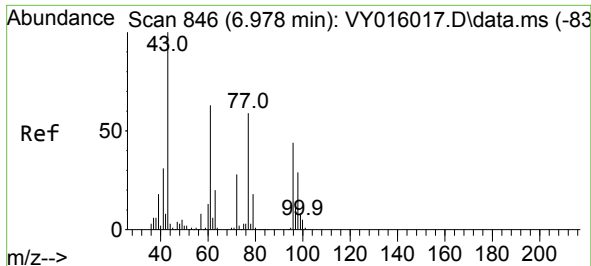


#25
2-Butanone
Concen: 5.539 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY016047.D
Acq: 19 Oct 2023 19:07

Tgt Ion: 43 Resp: 4535

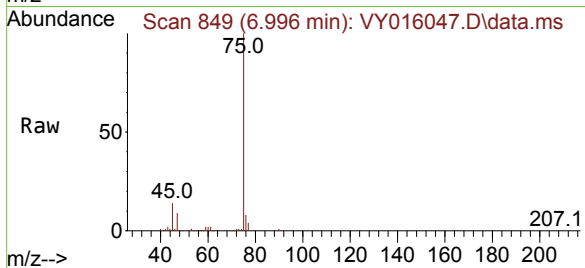
Ion	Ratio	Lower	Upper
43	100		
72	12.0	20.5	30.7#



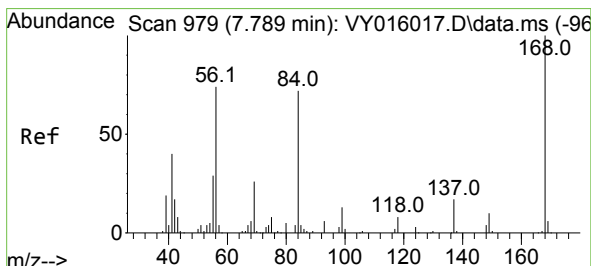
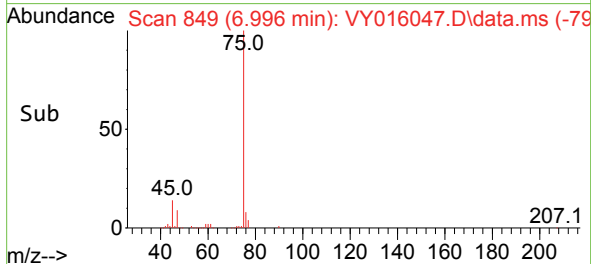
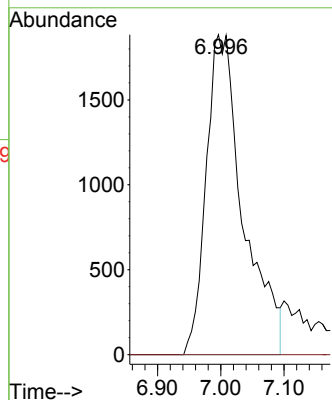


#26
2,2-Dichloropropane
Concen: 3.097 ug/l
RT: 6.996 min Scan# 846
Delta R.T. 0.018 min
Lab File: VY016047.D
Acq: 19 Oct 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :

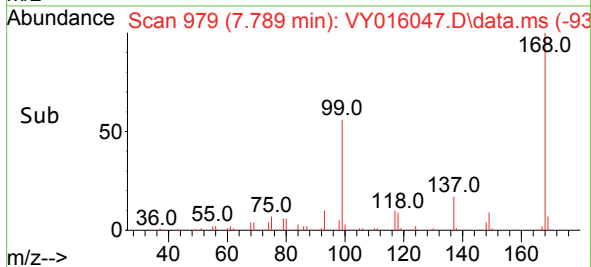
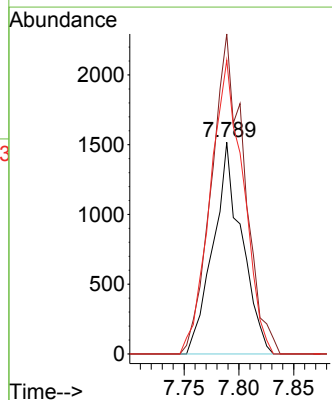
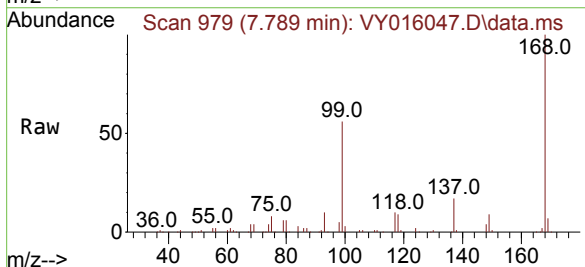


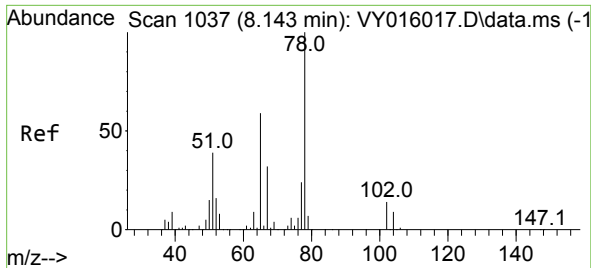
Tgt Ion: 77 Resp: 7661
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.091 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY016047.D
Acq: 19 Oct 2023 19:07

Tgt Ion: 56 Resp: 2753
Ion Ratio Lower Upper
56 100
69 151.2 27.8 41.6#
84 138.8 66.4 99.6#

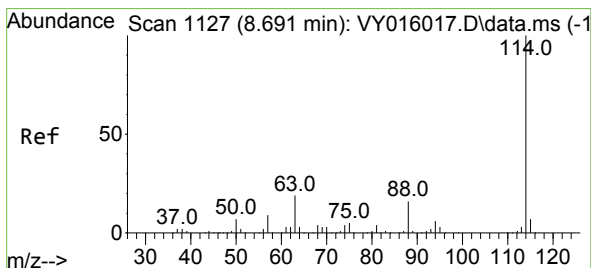
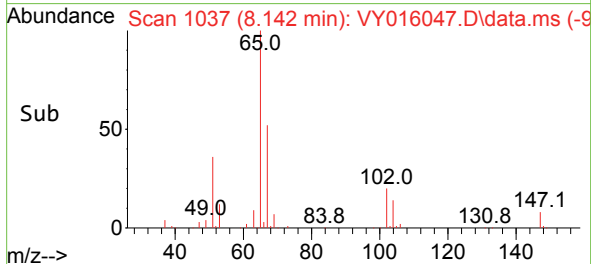
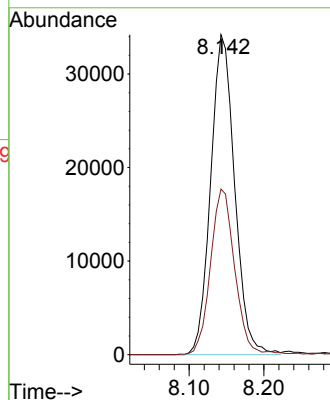
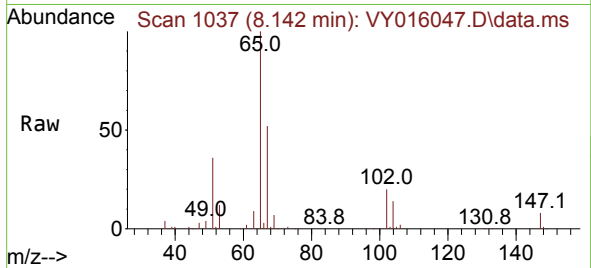




#33
 1,2-Dichloroethane-d4
 Concen: 47.370 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY016047.D
 Acq: 19 Oct 2023 19:07

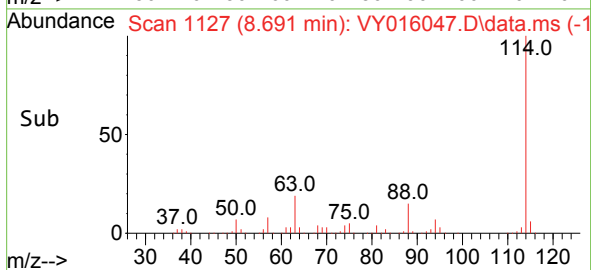
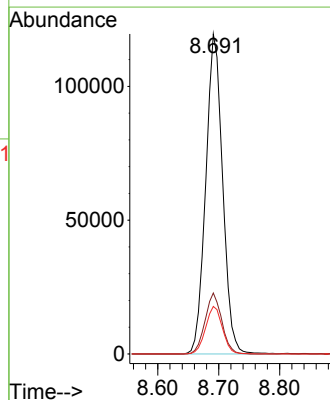
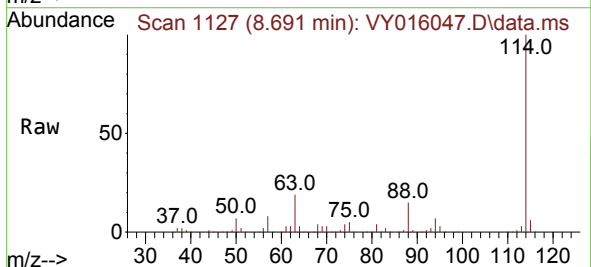
Instrument :
 MSVOA_Y
 ClientSampleId :

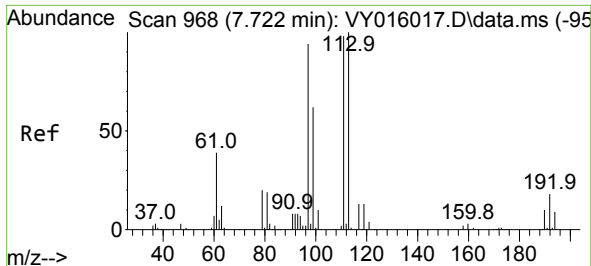
Tgt Ion: 65 Resp: 76390
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY016047.D
 Acq: 19 Oct 2023 19:07

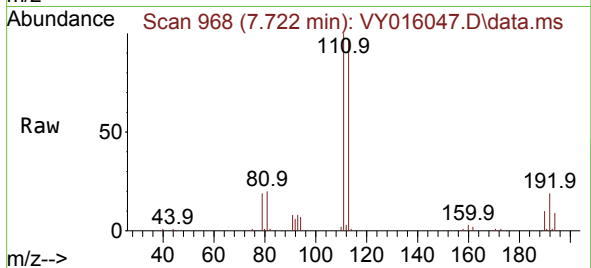
Tgt Ion:114 Resp: 230642
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.4
 88 14.8 0.0 30.6



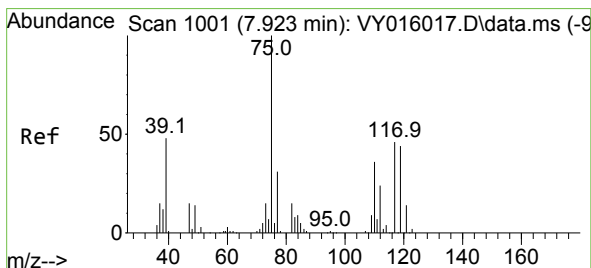
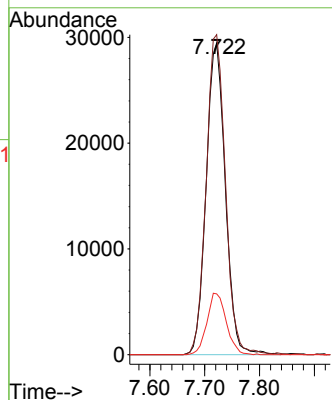
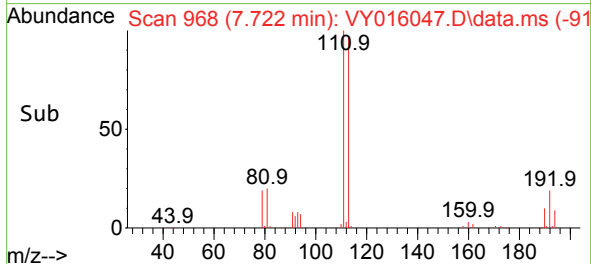


#35
Dibromofluoromethane
Concen: 47.016 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY016047.D
Acq: 19 Oct 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :

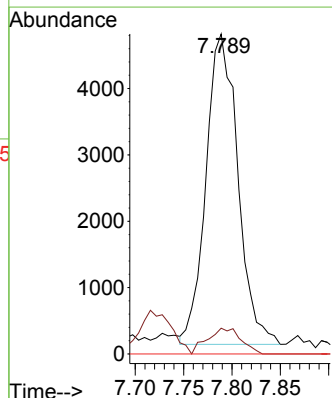
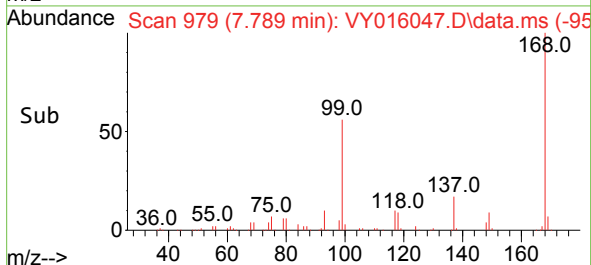
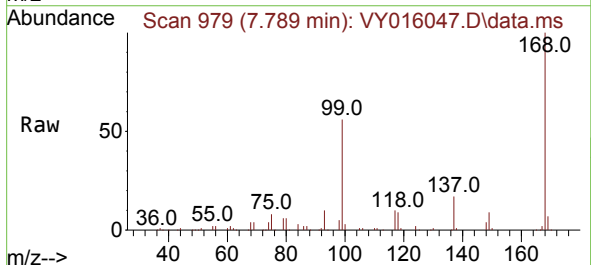


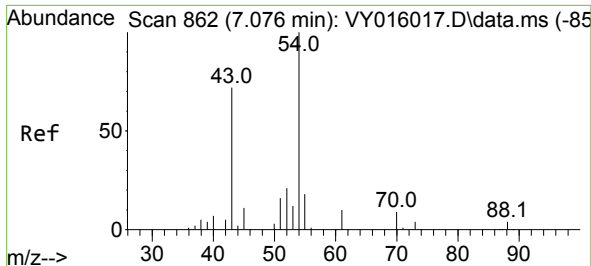
Tgt Ion:113 Resp: 71375
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.688 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY016047.D
Acq: 19 Oct 2023 19:07

Tgt Ion: 75 Resp: 10707
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.755 ug/l

RT: 7.002 min Scan# 81

Delta R.T. -0.073 min

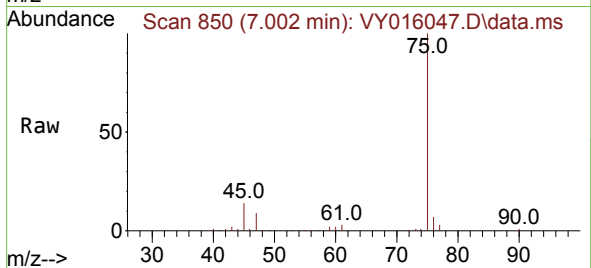
Lab File: VY016047.D

Acq: 19 Oct 2023 19:07

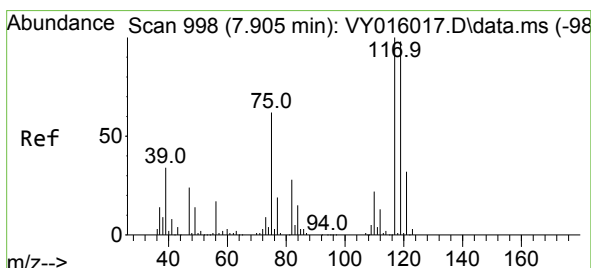
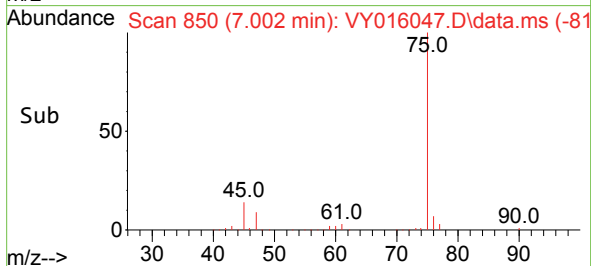
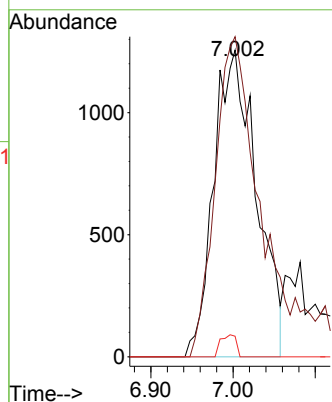
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	4535
Ion	Ratio	Lower	Upper
43	100		
61	103.9	10.1	15.1#
70	2.6	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.807 ug/l

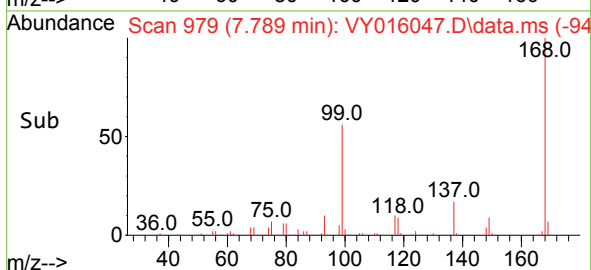
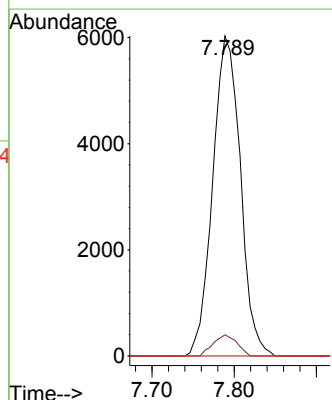
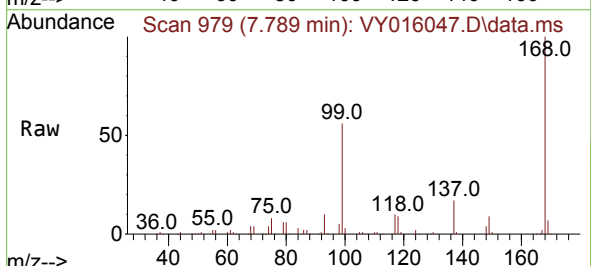
RT: 7.789 min Scan# 979

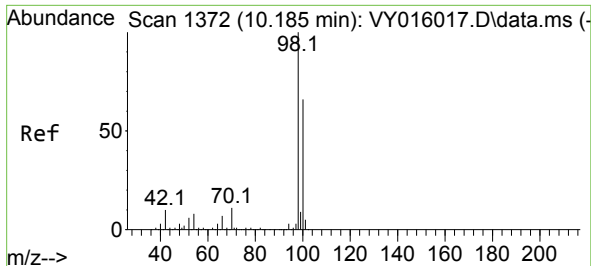
Delta R.T. -0.116 min

Lab File: VY016047.D

Acq: 19 Oct 2023 19:07

Tgt Ion:	117	Resp:	14098
Ion	Ratio	Lower	Upper
117	100		
119	6.6	76.4	114.6#
121	0.0	25.8	38.6#

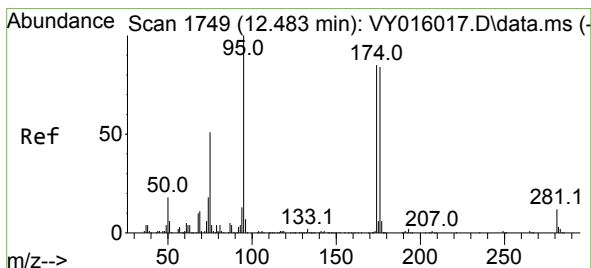
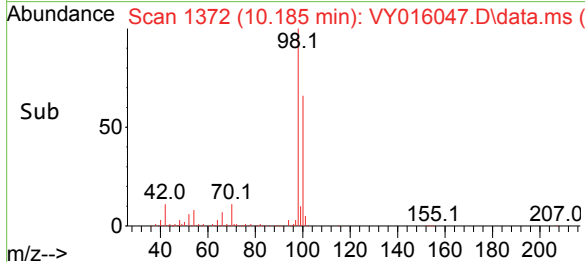
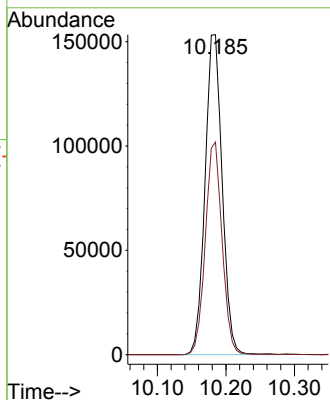
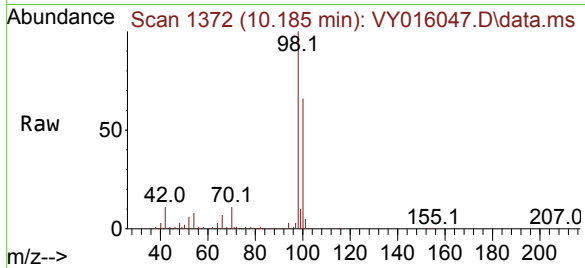




#50
Toluene-d8
Concen: 48.359 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY016047.D
Acq: 19 Oct 2023 19:07

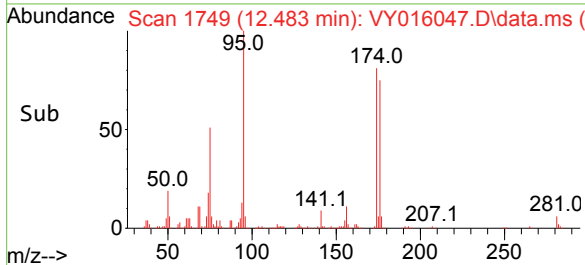
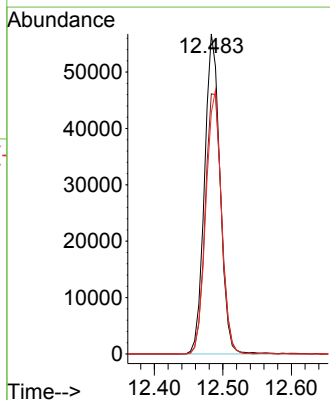
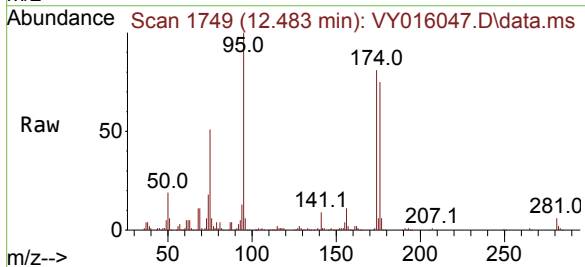
Instrument :
MSVOA_Y
ClientSampleId :

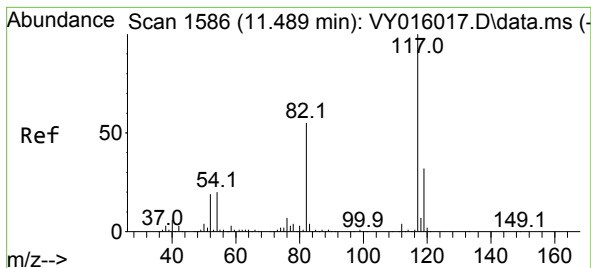
Tgt Ion: 98 Resp: 266629
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.382 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016047.D
Acq: 19 Oct 2023 19:07

Tgt Ion: 95 Resp: 89280
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 82.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016047.D

Acq: 19 Oct 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

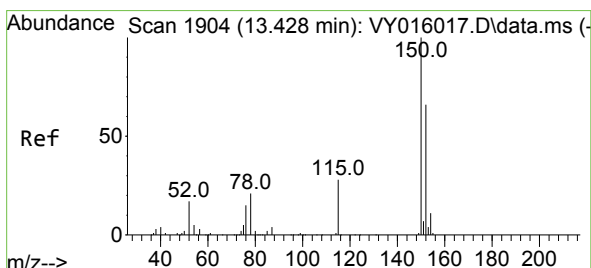
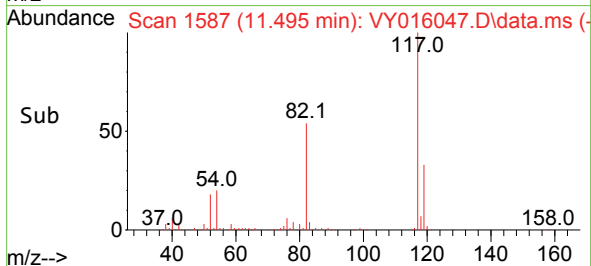
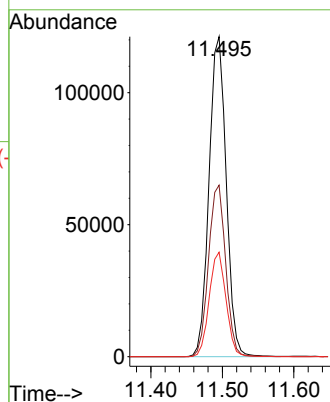
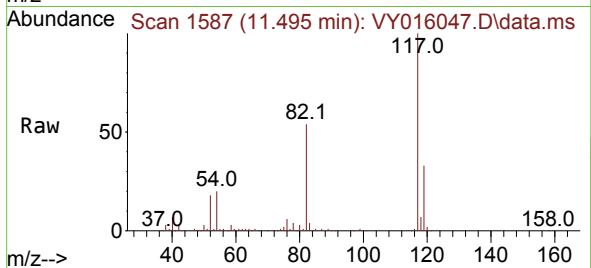
Tgt Ion:117 Resp: 202180

Ion Ratio Lower Upper

117 100

82 53.6 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# 1904

Delta R.T. -0.000 min

Lab File: VY016047.D

Acq: 19 Oct 2023 19:07

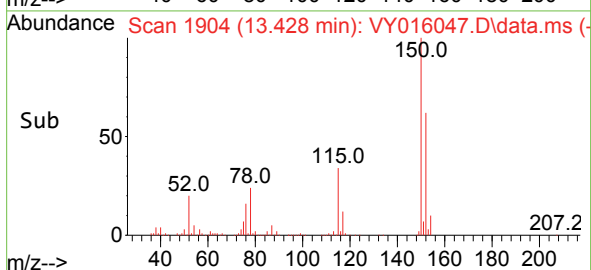
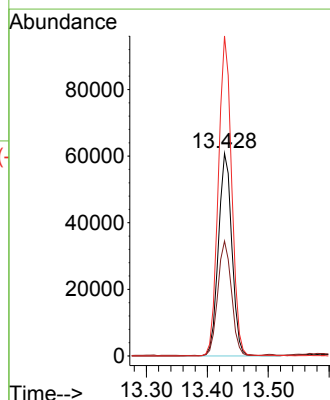
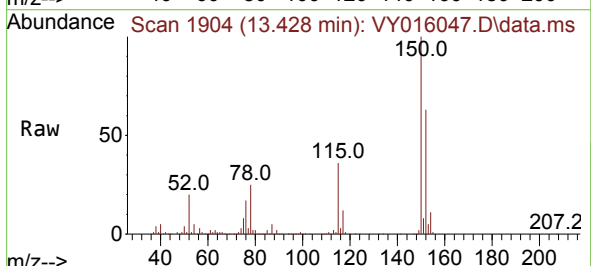
Tgt Ion:152 Resp: 93339

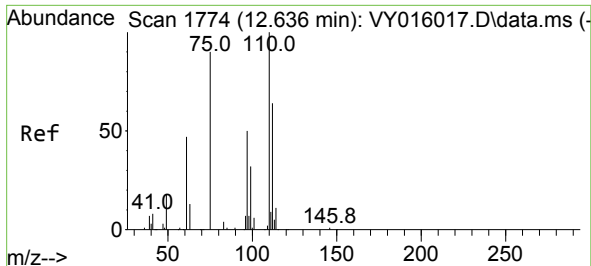
Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 156.3 0.0 348.8

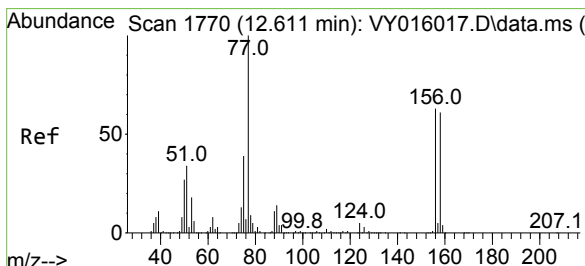
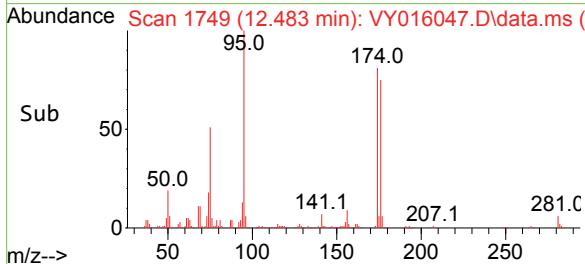
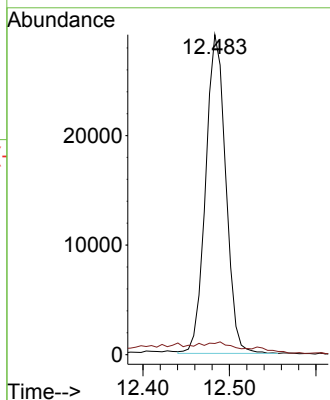
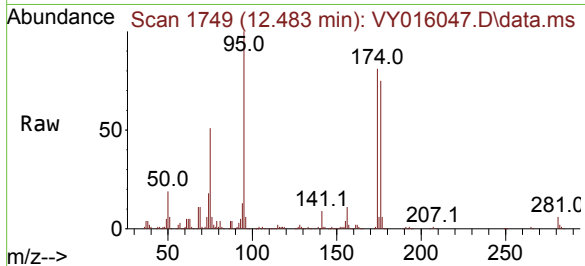




#76
1,2,3-Trichloropropane
Concen: 35.538 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY016047.D
Acq: 19 Oct 2023 19:07

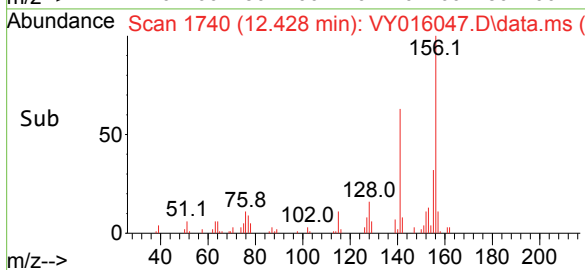
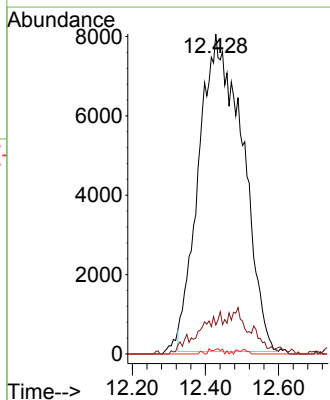
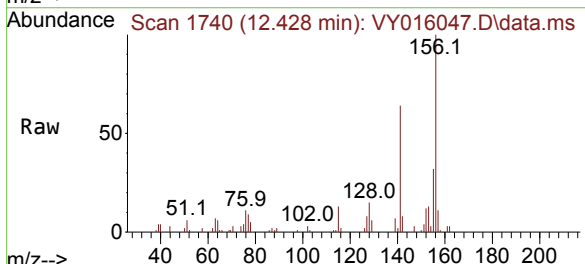
Instrument :
MSVOA_Y
ClientSampleId :

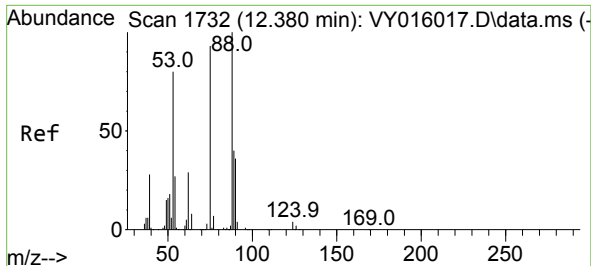
Tgt Ion: 75 Resp: 46967
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 39.204 ug/l
RT: 12.428 min Scan# 1740
Delta R.T. -0.183 min
Lab File: VY016047.D
Acq: 19 Oct 2023 19:07

Tgt Ion: 156 Resp: 66439
Ion Ratio Lower Upper
156 100
77 1.3 92.8 278.6#
158 0.5 48.4 145.3#

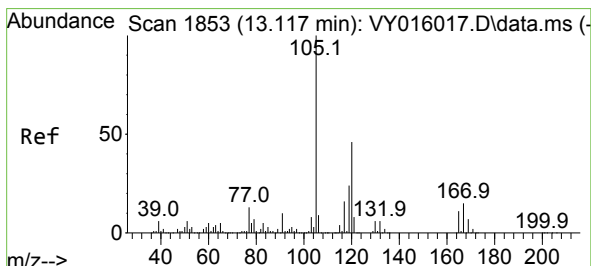
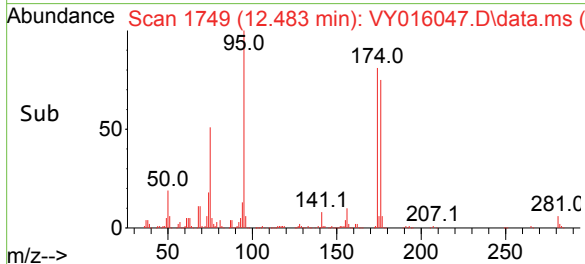
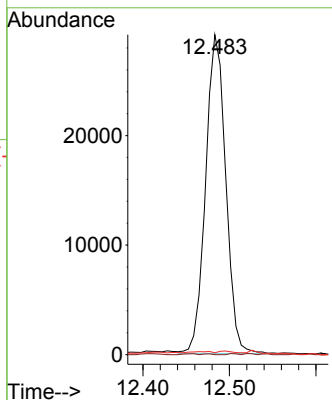
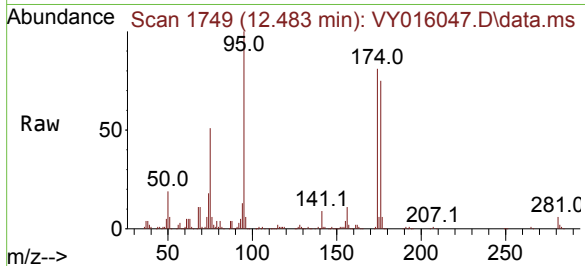




#81
trans-1,4-Dichloro-2-butene
Concen: 77.577 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY016047.D
Acq: 19 Oct 2023 19:07

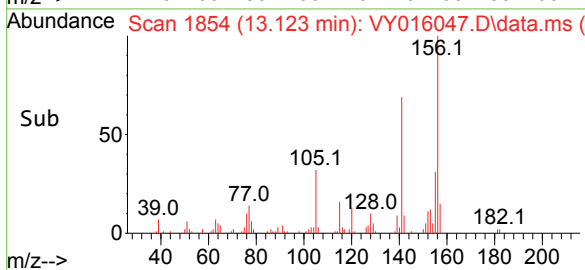
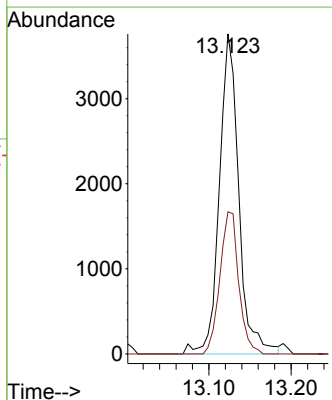
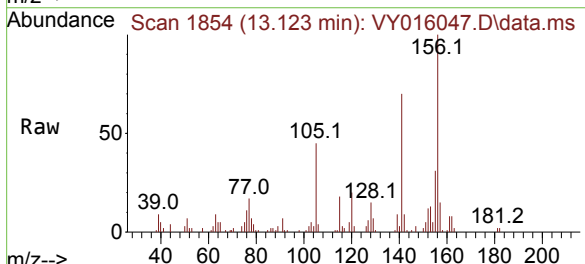
Instrument :
MSVOA_Y
ClientSampleId :

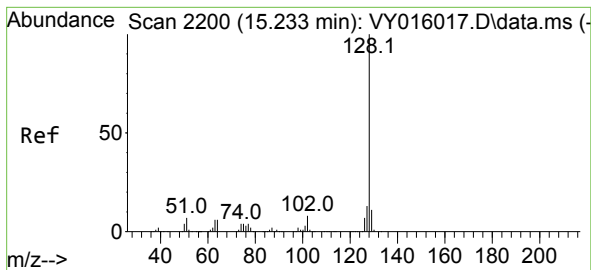
Tgt Ion: 75 Resp: 46967
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 1.2 37.4 56.0#



#84
1,2,4-Trimethylbenzene
Concen: 1.074 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY016047.D
Acq: 19 Oct 2023 19:07

Tgt Ion:105 Resp: 6169
Ion Ratio Lower Upper
105 100
120 43.0 22.2 66.6





#95

Naphthalene

Concen: 24.844 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

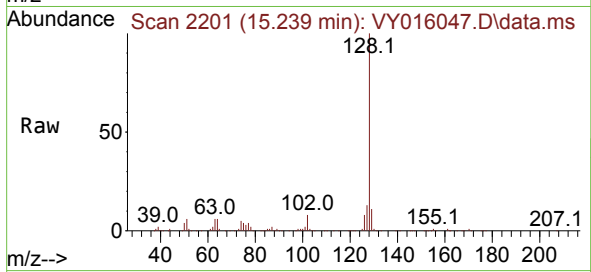
Lab File: VY016047.D

Acq: 19 Oct 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 117602

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.9 8.6 13.0

