

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110723\
 Data File : VY016244.D
 Acq On : 07 Nov 2023 09:31
 Operator : SY/MD
 Sample : VY1107SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 23:42:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

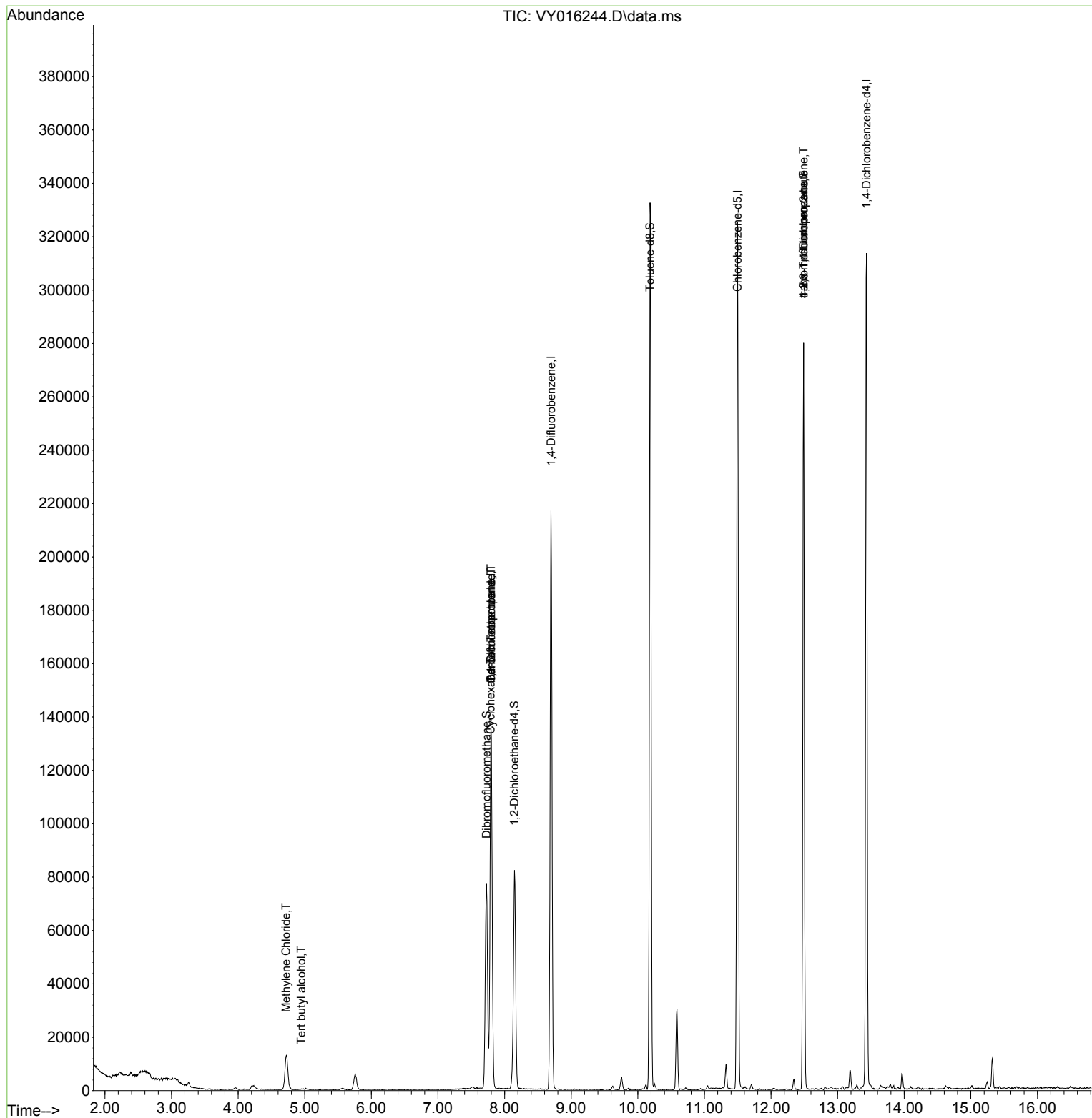
Internal Standards						
1) Pentafluorobenzene	7.795	168	106864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	189173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	181795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	83712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62381	62.383	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.760%	
35) Dibromofluoromethane	7.728	113	55475	49.189	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.380%	
50) Toluene-d8	10.185	98	221655	49.571	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.140%	
62) 4-Bromofluorobenzene	12.489	95	78348	51.241	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	275	3.681	ug/l #	89
16) Acetone	3.948	43	508	Below Cal		90
20) Methylene Chloride	4.716	84	9952	7.176	ug/l	89
31) Cyclohexane	7.789	56	2172	1.413	ug/l #	2
36) 1,1-Dichloropropene	7.795	75	8943	5.491	ug/l #	49
38) Carbon Tetrachloride	7.795	117	11031	6.837	ug/l #	15
76) 1,2,3-Trichloropropane	12.489	75	40716	51.649	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	40716	111.987	ug/l #	11

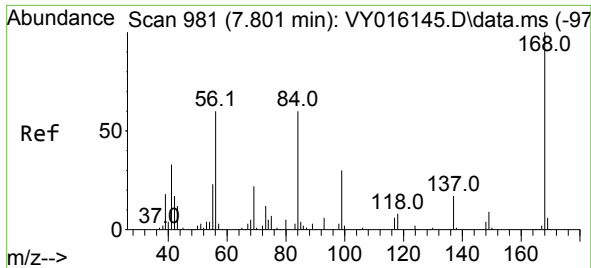
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110723\
Data File : VY016244.D
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Operator : SY/MD
Sample : VY1107SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

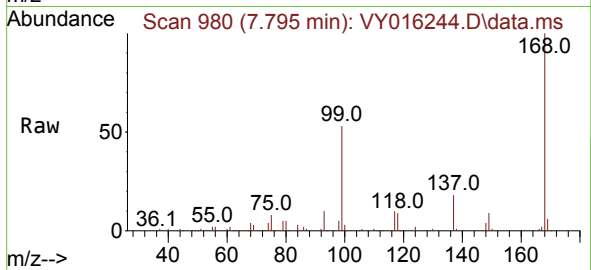
Quant Time: Nov 07 23:42:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration



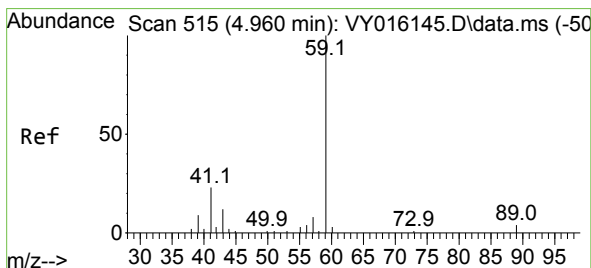
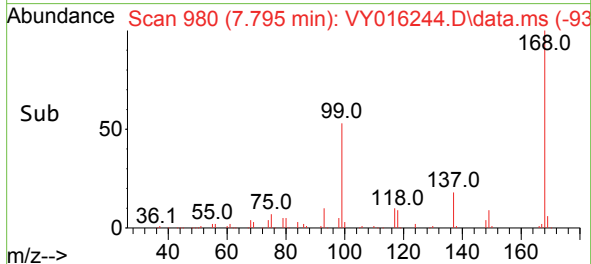
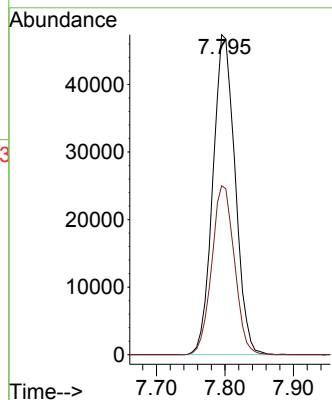


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016244.D
Acq: 07 Nov 2023 09:31

Instrument :
MSVOA_Y
ClientSampleId :

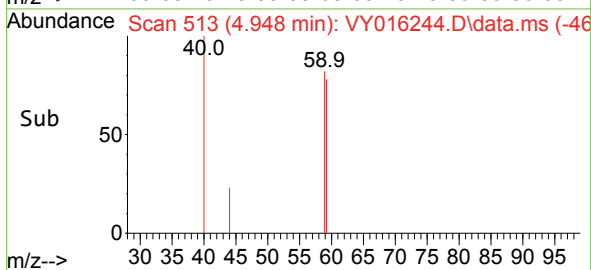
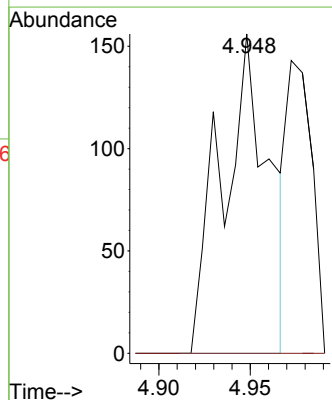
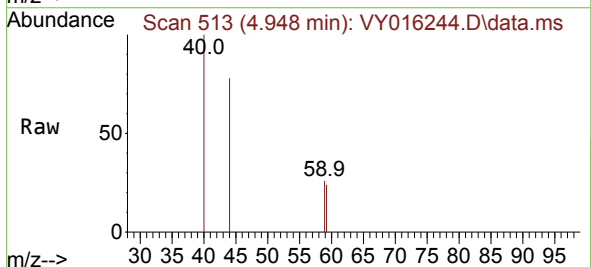


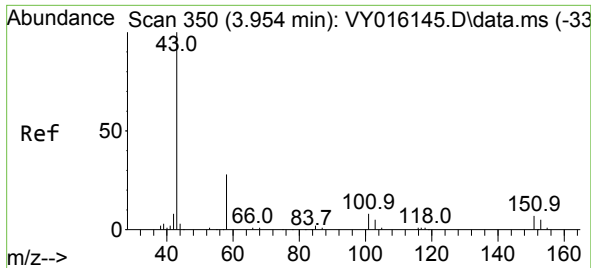
Tgt Ion:168 Resp: 106864
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#11
Tert butyl alcohol
Concen: 3.681 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY016244.D
Acq: 07 Nov 2023 09:31

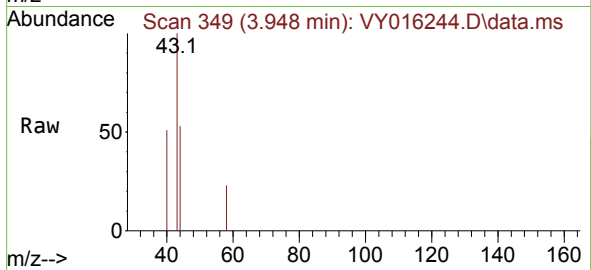
Tgt Ion: 59 Resp: 275
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



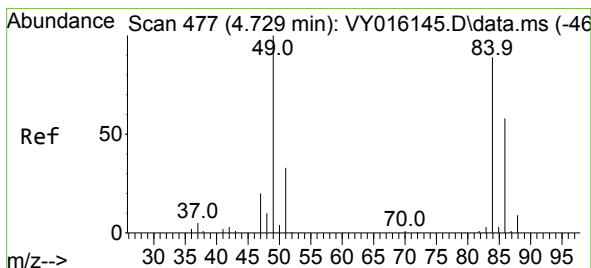
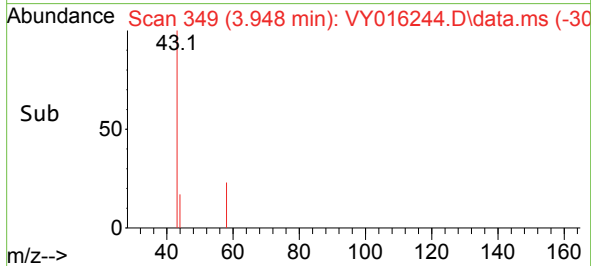
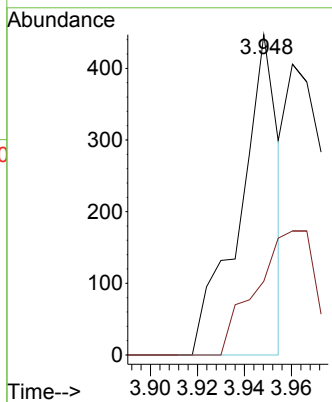


#16
Acetone
Concen: Below Cal
RT: 3.948 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY016244.D
Acq: 07 Nov 2023 09:31

Instrument :
MSVOA_Y
ClientSampleId :

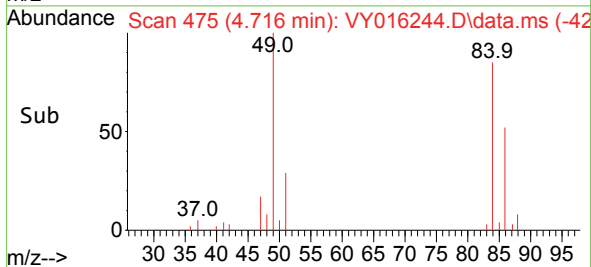
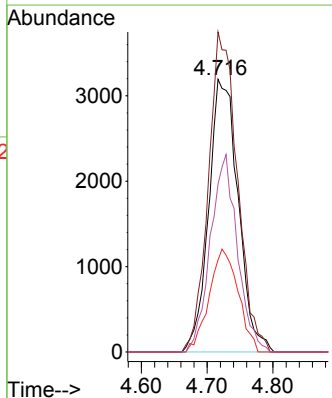
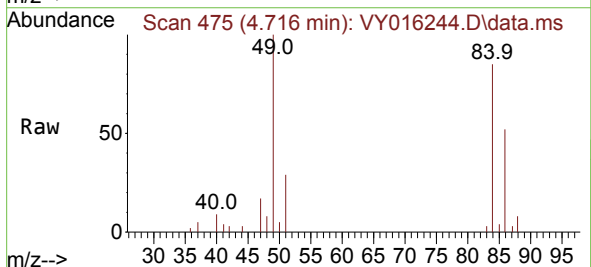


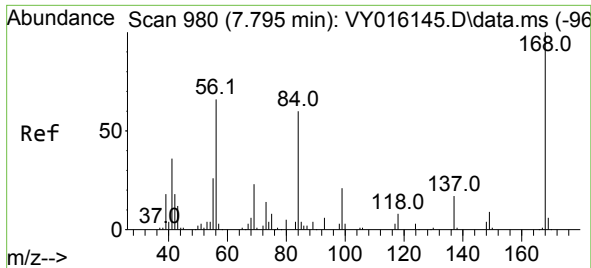
Tgt Ion: 43 Resp: 508
Ion Ratio Lower Upper
43 100
58 23.0 22.7 34.1



#20
Methylene Chloride
Concen: 7.176 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY016244.D
Acq: 07 Nov 2023 09:31

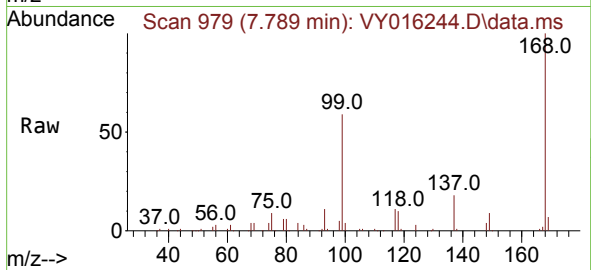
Tgt Ion: 84 Resp: 9952
Ion Ratio Lower Upper
84 100
49 117.4 106.9 160.3
51 33.7 33.2 49.8
86 61.6 51.0 76.6



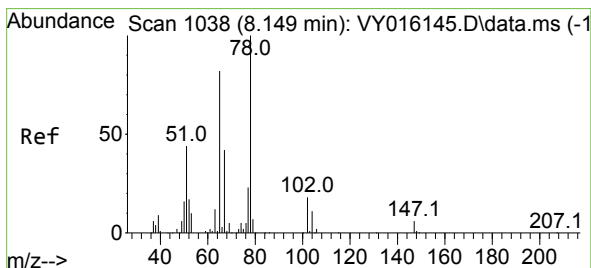
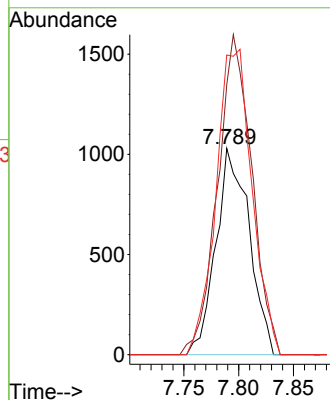
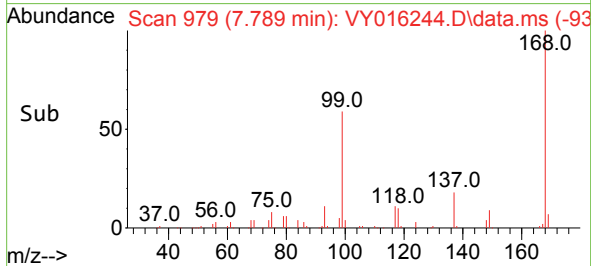


#31
Cyclohexane
Concen: 1.413 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016244.D
Acq: 07 Nov 2023 09:31

Instrument :
MSVOA_Y
ClientSampleId :

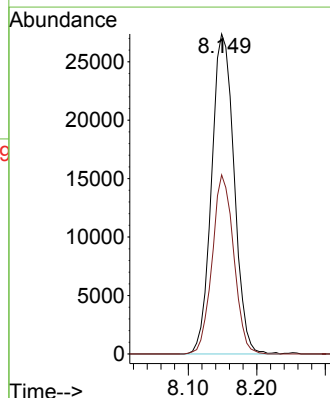
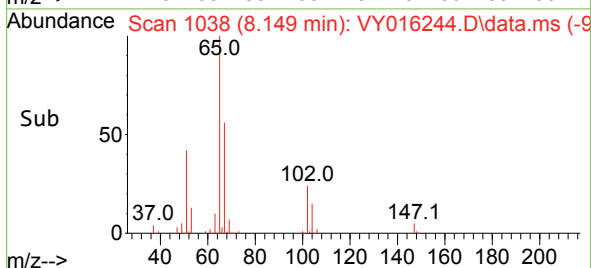
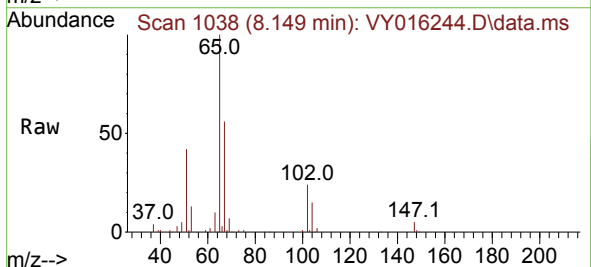


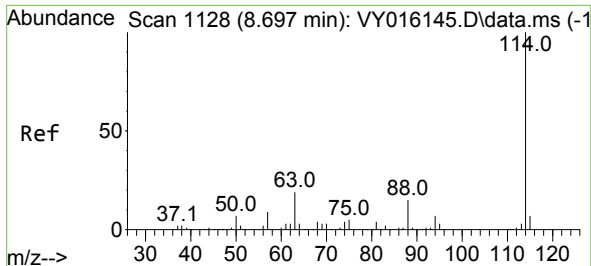
Tgt Ion: 56 Resp: 2172
Ion Ratio Lower Upper
56 100
69 131.0 27.8 41.6#
84 145.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 62.383 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY016244.D
Acq: 07 Nov 2023 09:31

Tgt Ion: 65 Resp: 62381
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.8

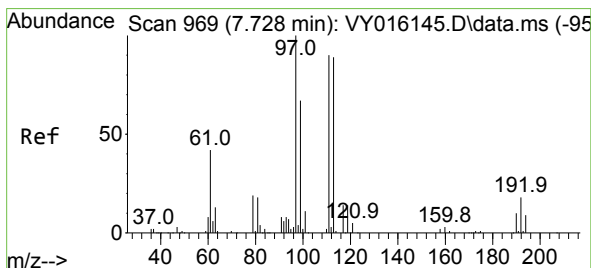
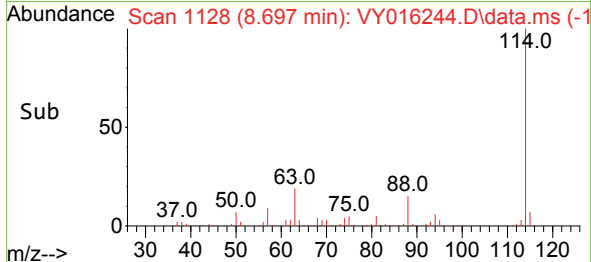
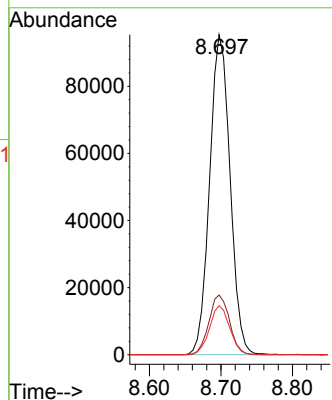
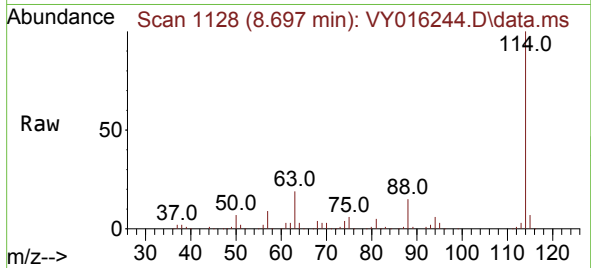




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY016244.D
Acq: 07 Nov 2023 09:31

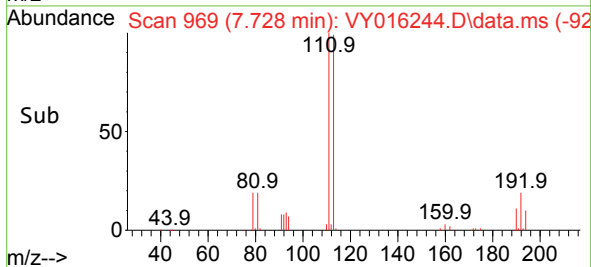
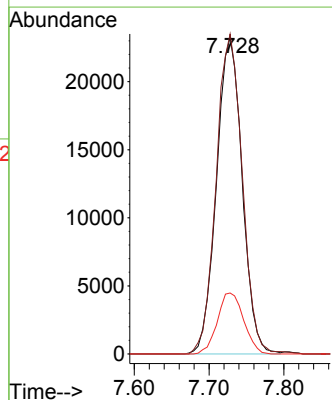
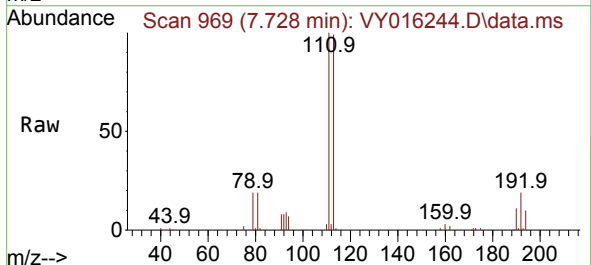
Instrument :
MSVOA_Y
ClientSampleId :

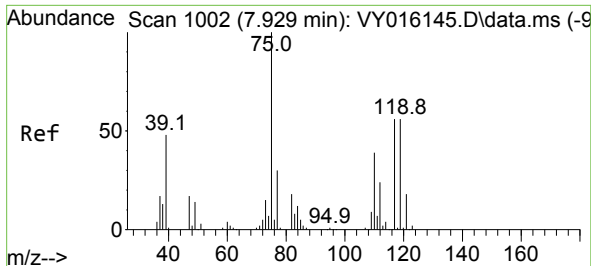
Tgt Ion:114 Resp: 189173
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.189 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY016244.D
Acq: 07 Nov 2023 09:31

Tgt Ion:113 Resp: 55475
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.7 16.9 25.3

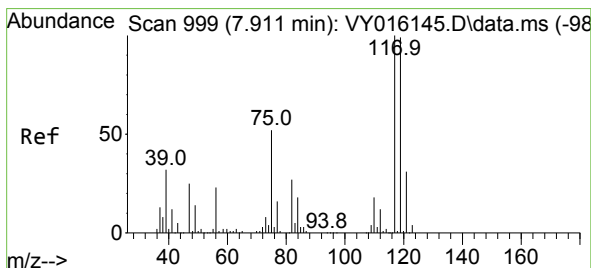
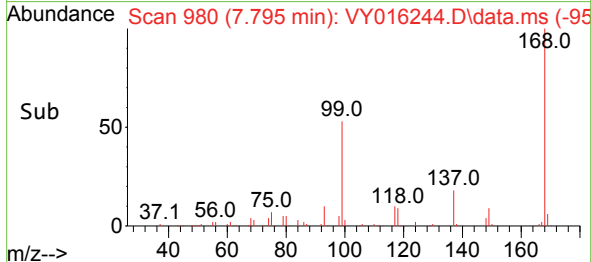
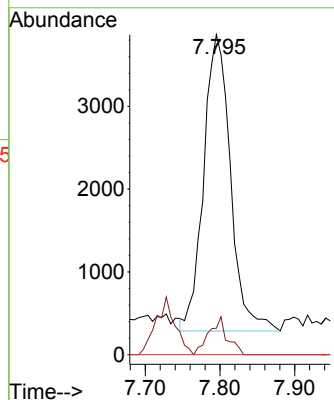
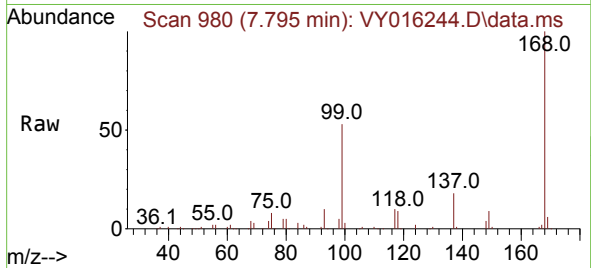




#36
 1,1-Dichloropropene
 Concen: 5.491 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.134 min
 Lab File: VY016244.D
 Acq: 07 Nov 2023 09:31

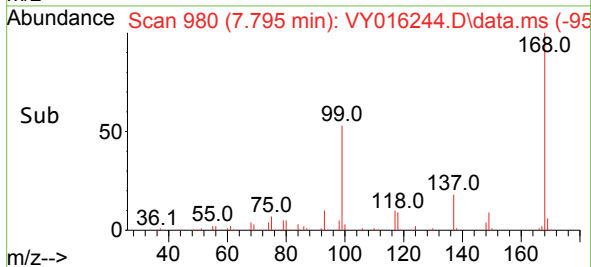
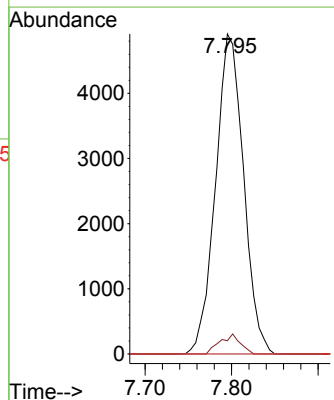
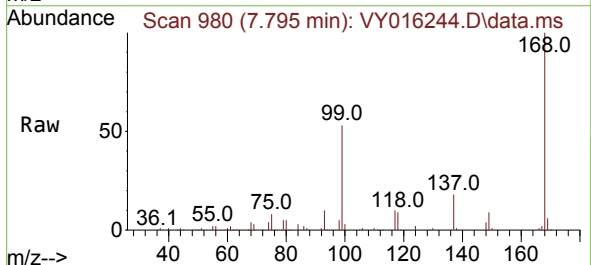
Instrument :
 MSVOA_Y
 ClientSampleId :

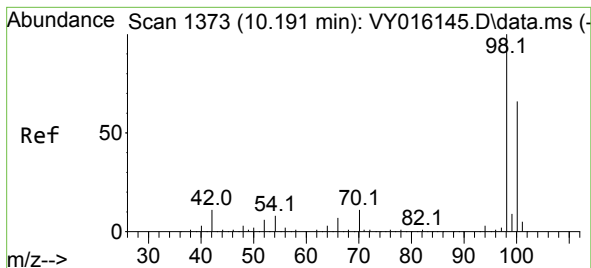
Tgt Ion: 75 Resp: 8943
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.8 53.5#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 6.837 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY016244.D
 Acq: 07 Nov 2023 09:31

Tgt Ion: 117 Resp: 11031
 Ion Ratio Lower Upper
 117 100
 119 4.2 76.4 114.6#
 121 0.0 25.8 38.6#

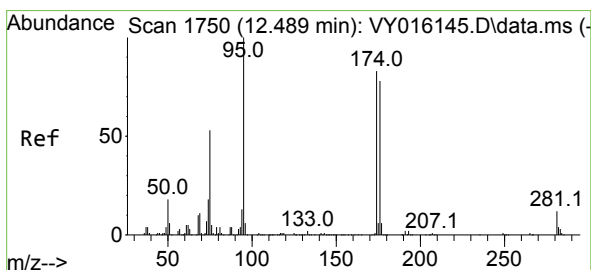
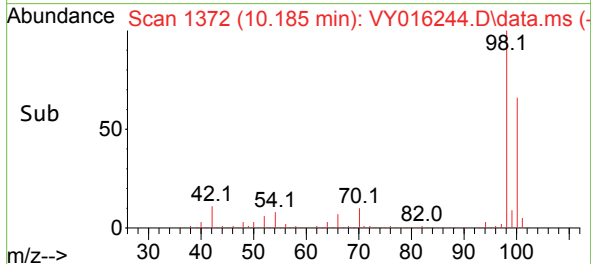
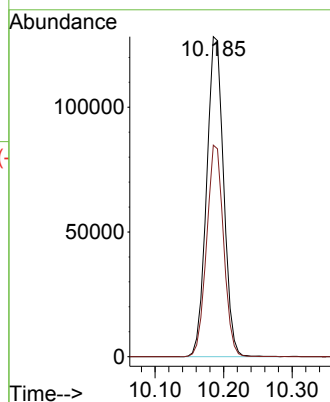
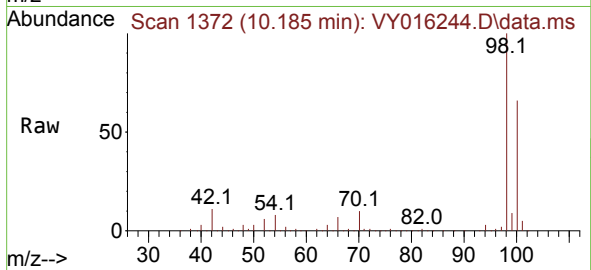




#50
Toluene-d8
Concen: 49.571 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016244.D
Acq: 07 Nov 2023 09:31

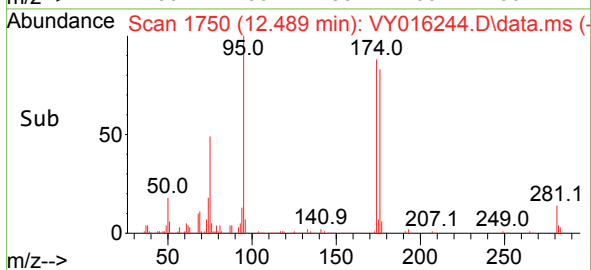
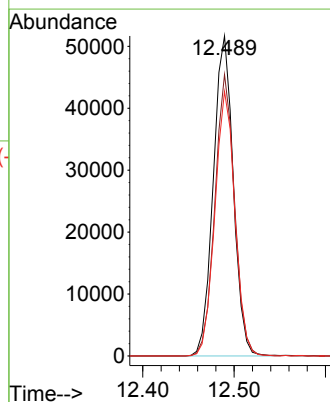
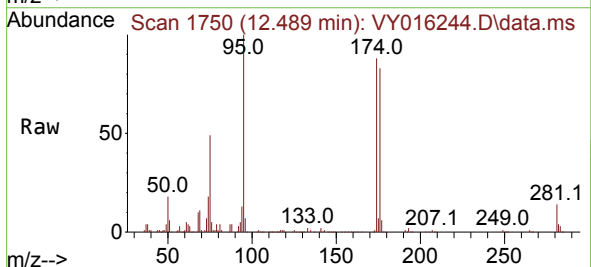
Instrument :
MSVOA_Y
ClientSampleId :

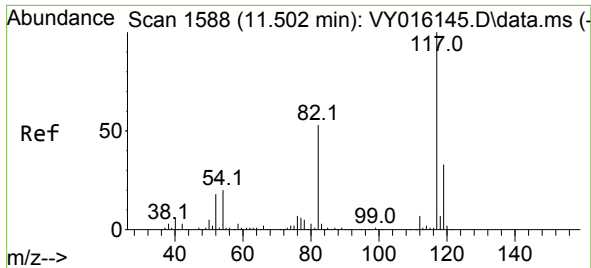
Tgt Ion: 98 Resp: 221655
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.241 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016244.D
Acq: 07 Nov 2023 09:31

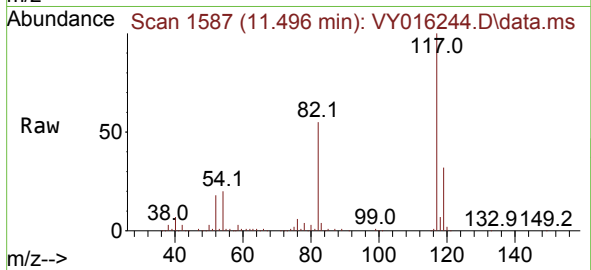
Tgt Ion: 95 Resp: 78348
Ion Ratio Lower Upper
95 100
174 86.9 0.0 178.2
176 82.9 0.0 173.8



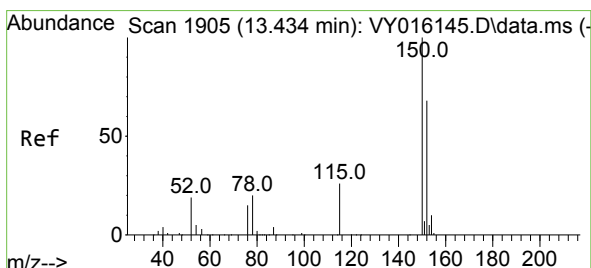
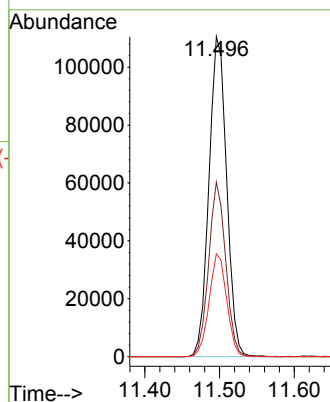
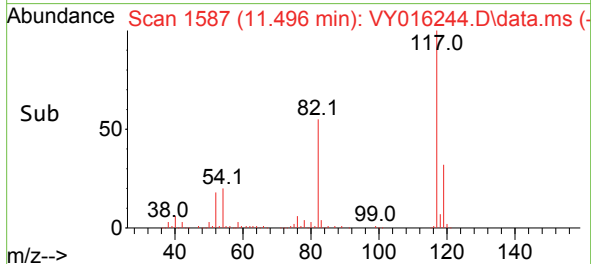


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016244.D
Acq: 07 Nov 2023 09:31

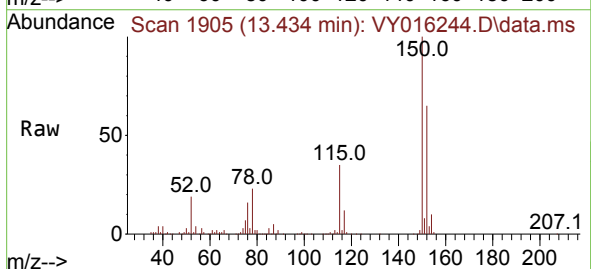
Instrument :
MSVOA_Y
ClientSampleId :



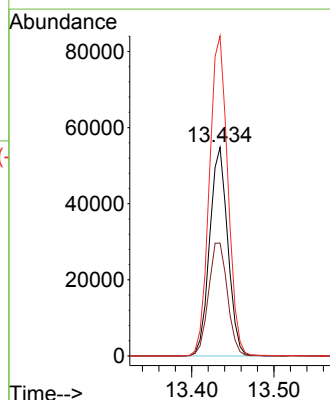
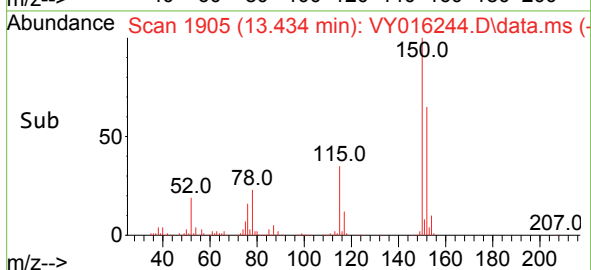
Tgt Ion:117 Resp: 181795
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 32.2 26.3 39.5

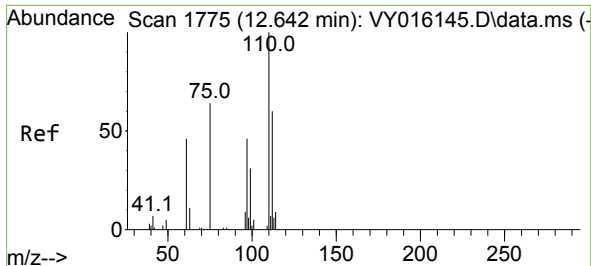


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016244.D
Acq: 07 Nov 2023 09:31



Tgt Ion:152 Resp: 83712
Ion Ratio Lower Upper
152 100
115 56.9 28.8 86.5
150 156.4 0.0 348.8

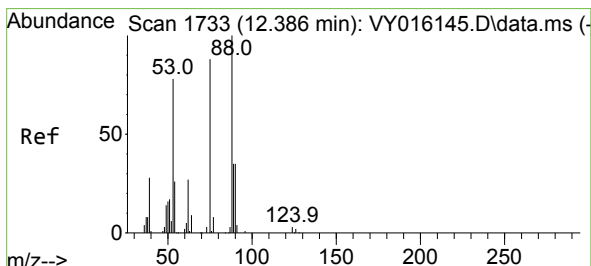
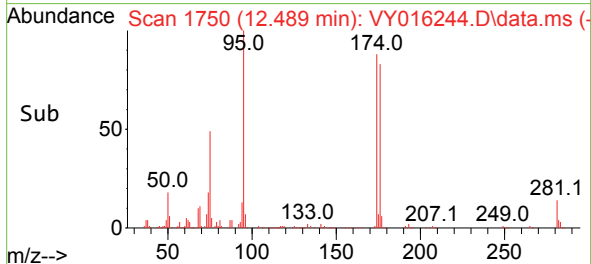
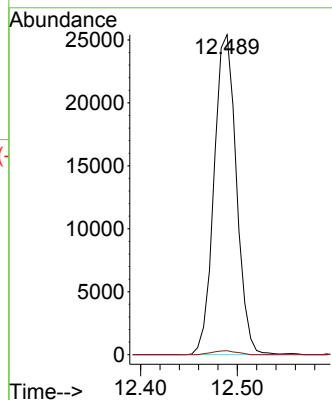
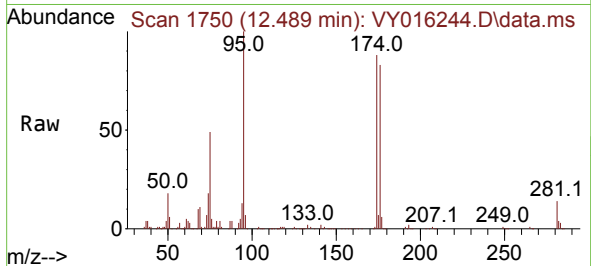




#76
1,2,3-Trichloropropane
Concen: 51.649 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY016244.D
Acq: 07 Nov 2023 09:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 40716
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.987 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016244.D
Acq: 07 Nov 2023 09:31

Tgt Ion: 75 Resp: 40716
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

