

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042224\
 Data File : VY018008.D
 Acq On : 22 Apr 2024 13:35
 Operator : SY/MD
 Sample : VY0422SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 01:41:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

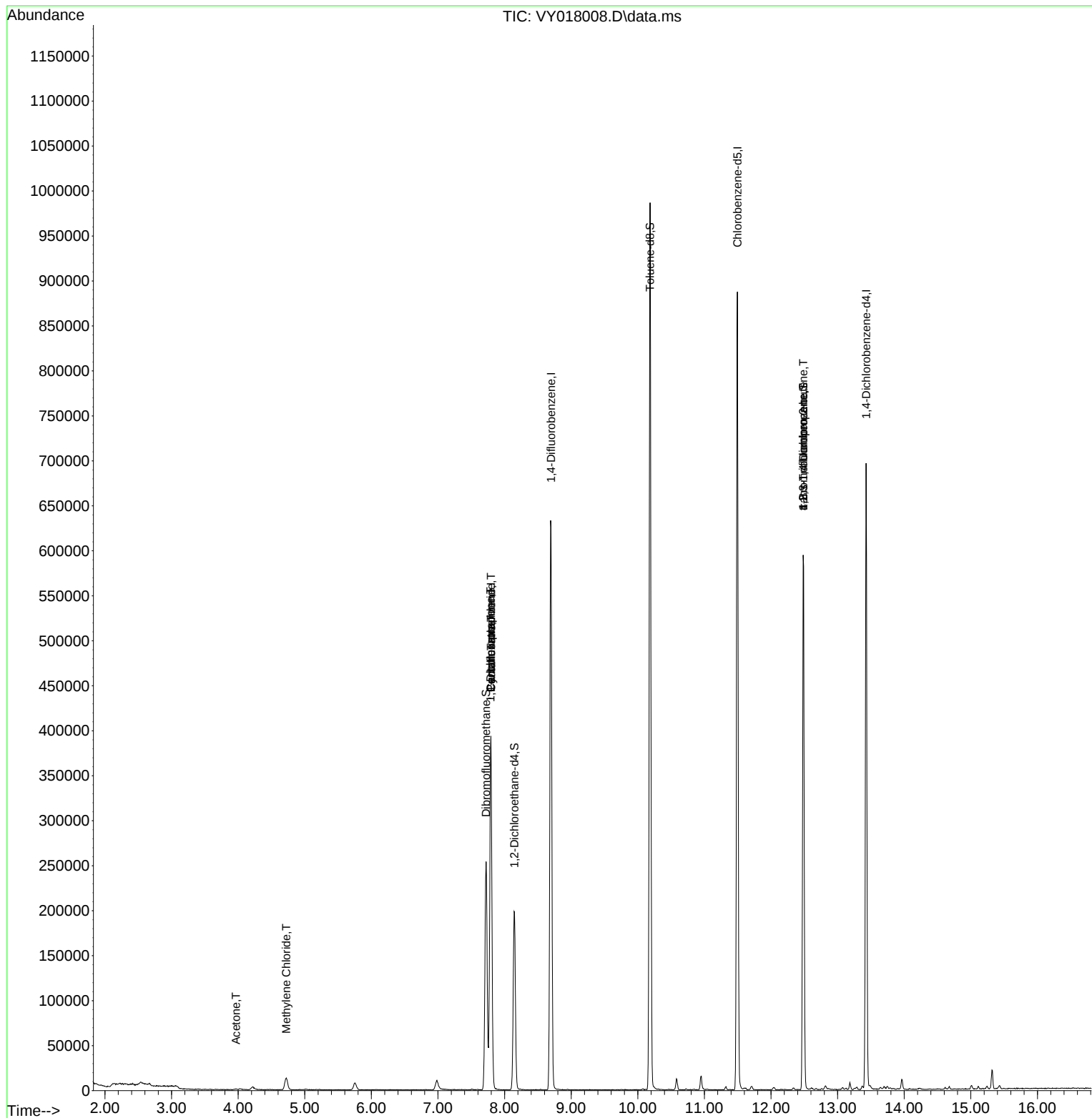
Internal Standards						
1) Pentafluorobenzene	7.795	168	326906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	580420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	502373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	184709	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	154961	54.78	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.56%
35) Dibromofluoromethane	7.722	113	184448	51.51	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.02%
50) Toluene-d8	10.185	98	660414	48.60	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.20%
62) 4-Bromofluorobenzene	12.483	95	176950	42.05	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.10%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	318	Below Cal	#	88
16) Acetone	3.966	43	1515	2.71	ug/l #	63
20) Methylene Chloride	4.722	84	10407	2.75	ug/l	90
31) Cyclohexane	7.795	56	6038	1.12	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	22832	4.38	ug/l #	48
38) Carbon Tetrachloride	7.795	117	28819	5.48	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	88208	50.89	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	88208	104.93	ug/l #	16

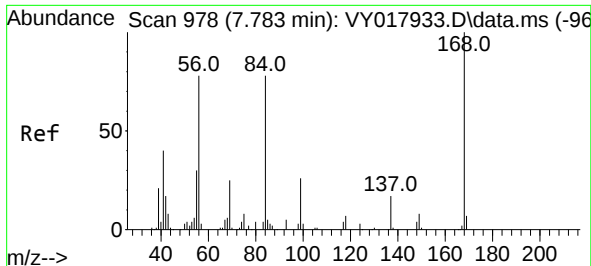
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042224\
Data File : VY018008.D
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Operator : SY/MD
Sample : VY0422SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 23 01:41:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration

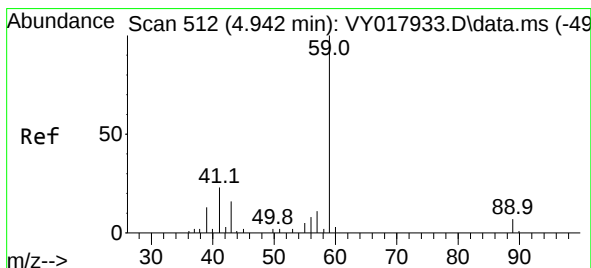
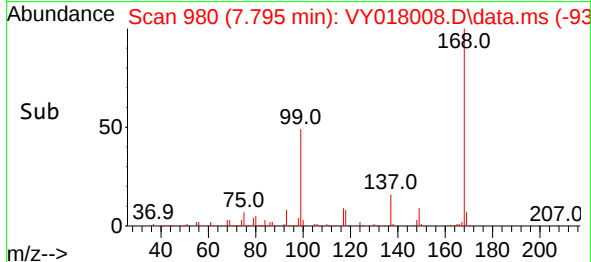
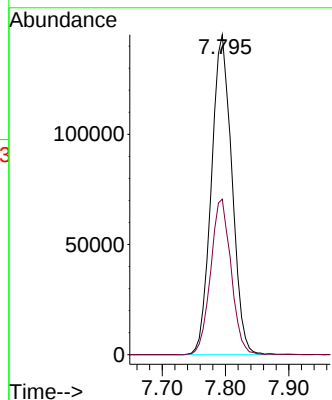
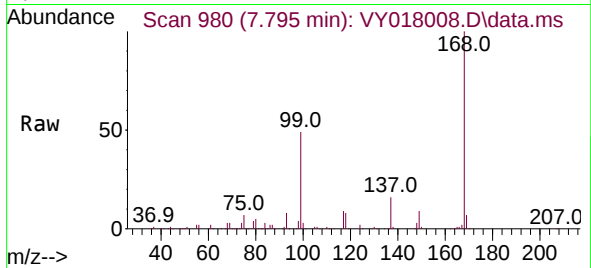




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018008.D
Acq: 22 Apr 2024 13:35

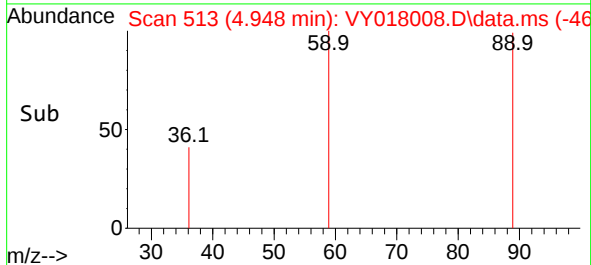
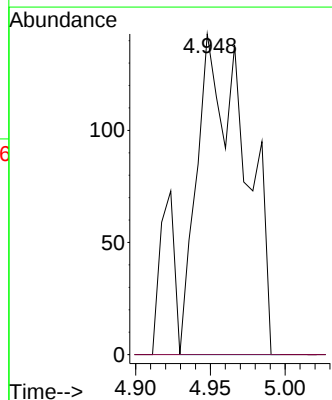
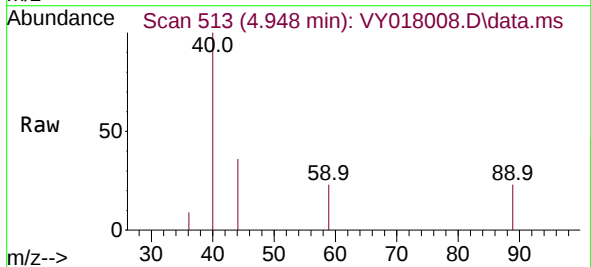
Instrument :
MSVOA_Y
ClientSampleId :

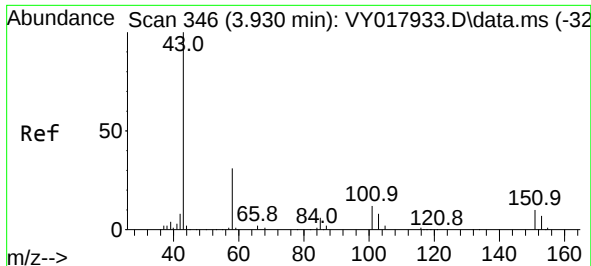
Tgt Ion:168 Resp: 326906
Ion Ratio Lower Upper
168 100
99 48.6 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY018008.D
Acq: 22 Apr 2024 13:35

Tgt Ion: 59 Resp: 318
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

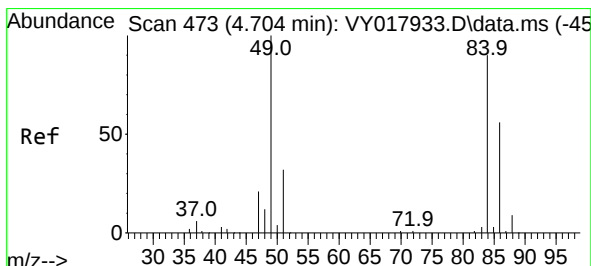
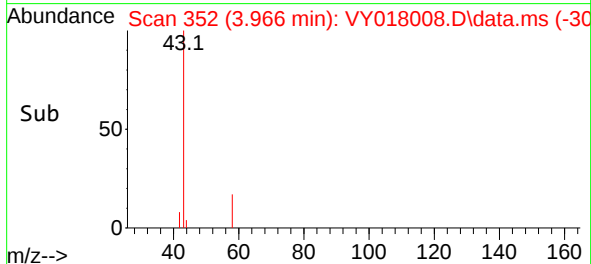
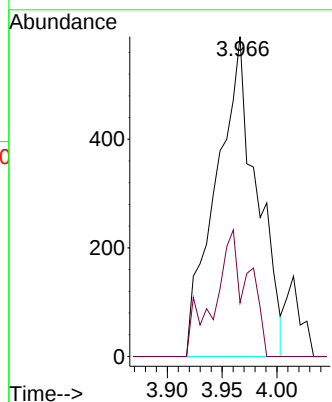
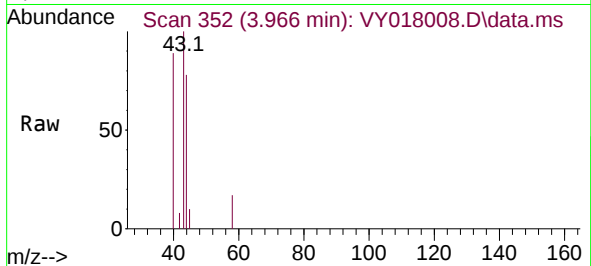




#16
Acetone
Concen: 2.71 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY018008.D
Acq: 22 Apr 2024 13:35

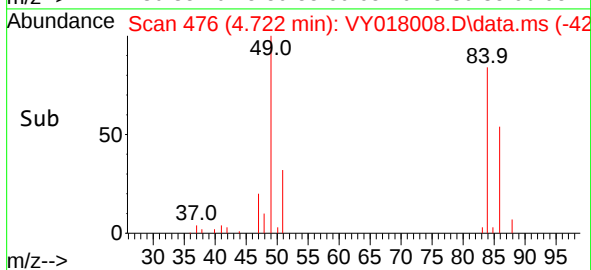
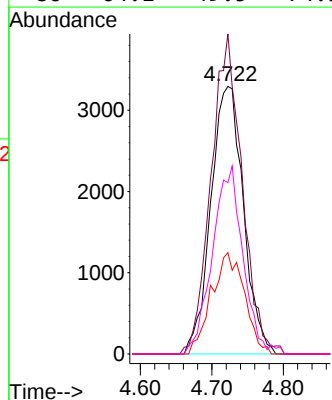
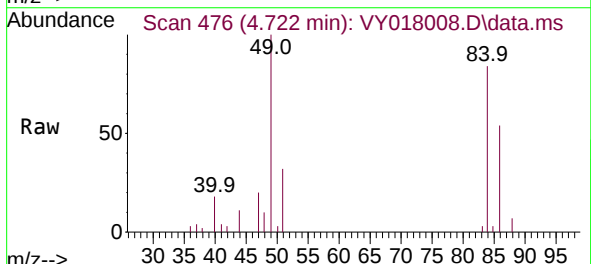
Instrument :
MSVOA_Y
ClientSampleId :

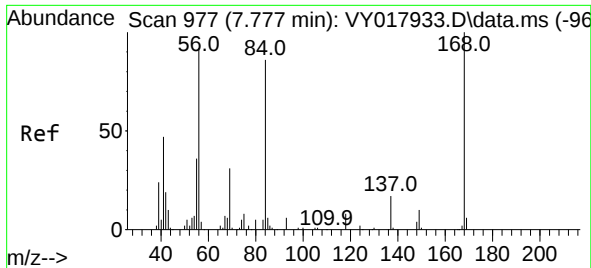
Tgt Ion: 43 Resp: 1515
Ion Ratio Lower Upper
43 100
58 16.8 31.7 47.5#



#20
Methylene Chloride
Concen: 2.75 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY018008.D
Acq: 22 Apr 2024 13:35

Tgt Ion: 84 Resp: 10407
Ion Ratio Lower Upper
84 100
49 119.6 84.4 126.6
51 37.9 26.0 39.0
86 64.1 49.5 74.3

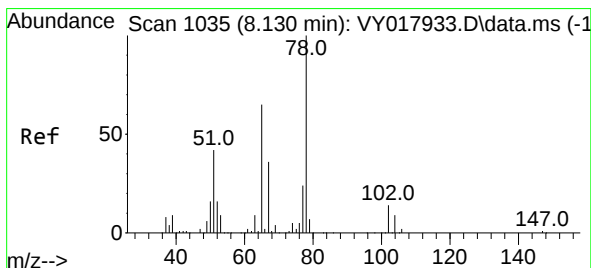
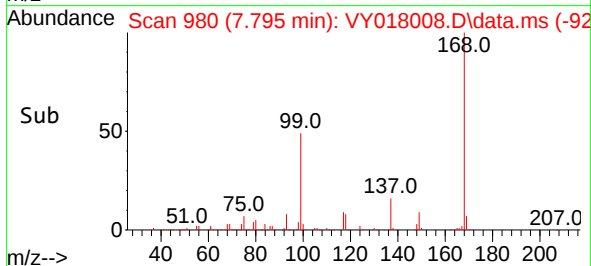
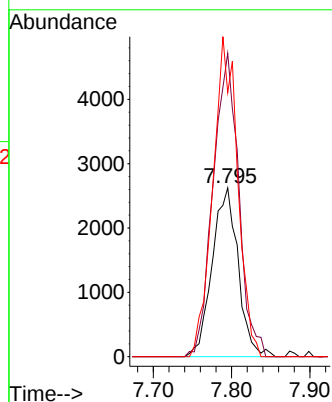
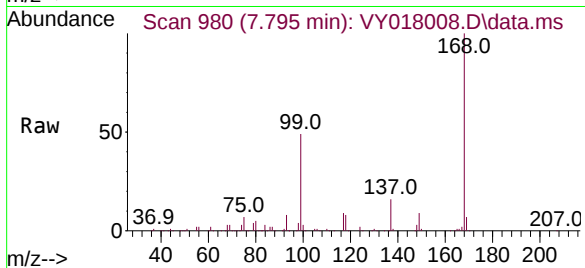




#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY018008.D
Acq: 22 Apr 2024 13:35

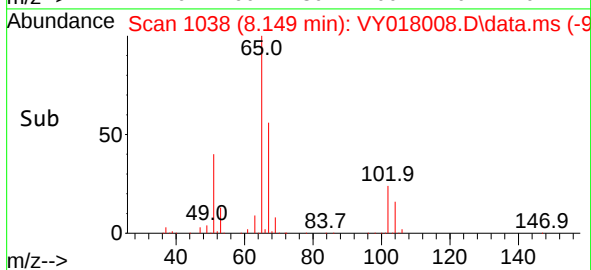
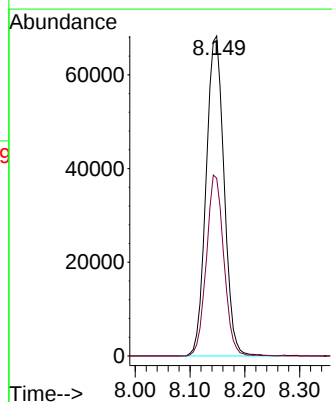
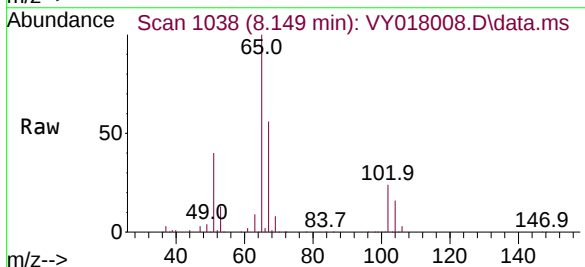
Instrument :
MSVOA_Y
ClientSampleId :

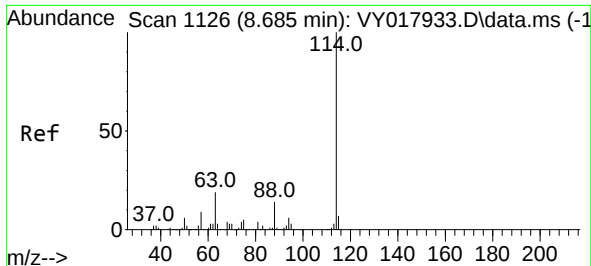
Tgt Ion: 56 Resp: 6038
Ion Ratio Lower Upper
56 100
69 179.8 28.7 43.1#
84 156.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 54.78 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY018008.D
Acq: 22 Apr 2024 13:35

Tgt Ion: 65 Resp: 154961
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6

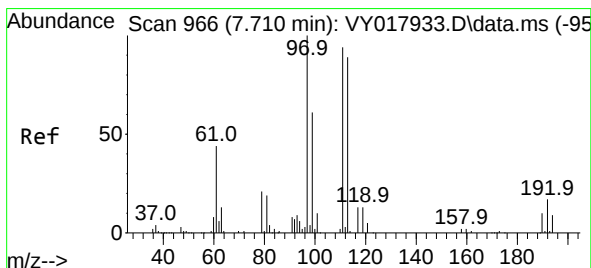
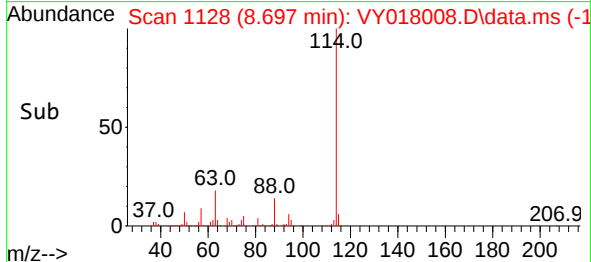
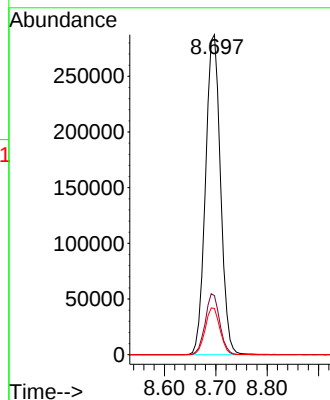
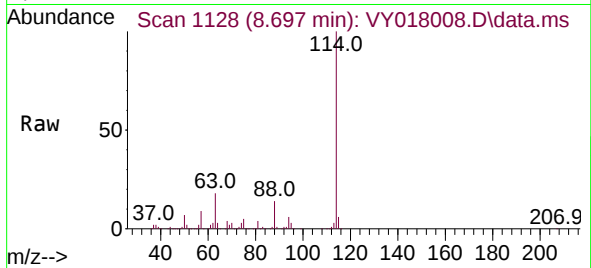




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY018008.D
Acq: 22 Apr 2024 13:35

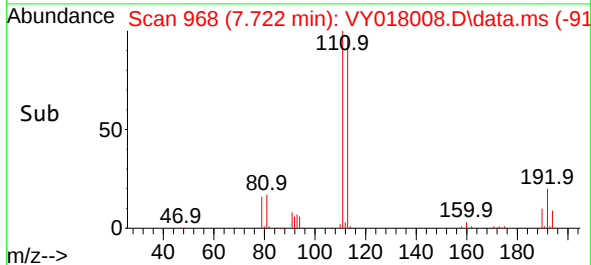
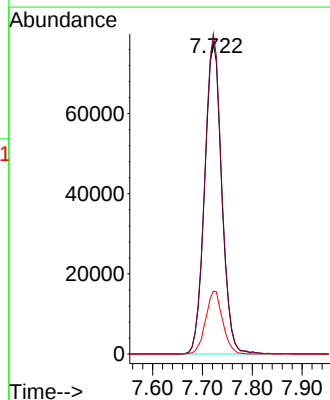
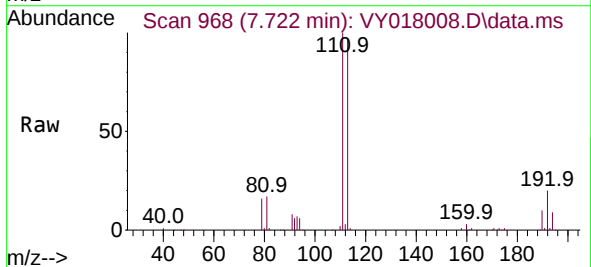
Instrument :
MSVOA_Y
ClientSampleId :

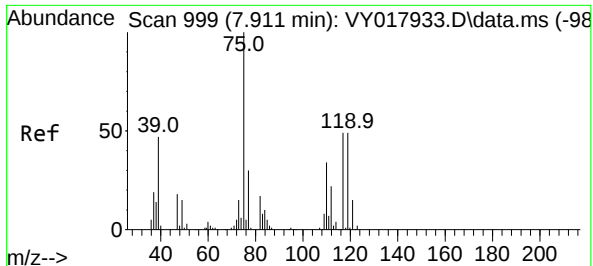
Tgt Ion:114 Resp: 580420
Ion Ratio Lower Upper
114 100
63 18.5 0.0 35.0
88 14.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.51 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY018008.D
Acq: 22 Apr 2024 13:35

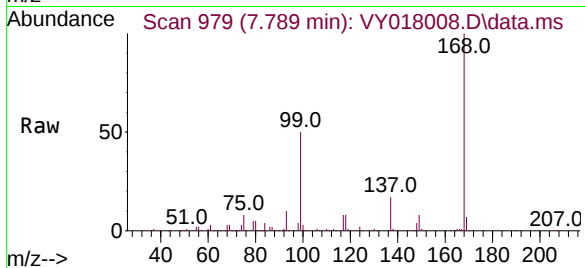
Tgt Ion:113 Resp: 184448
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 20.1 15.9 23.9



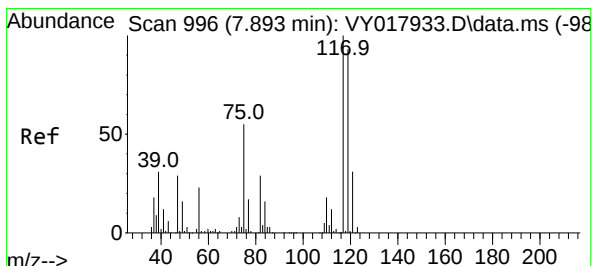
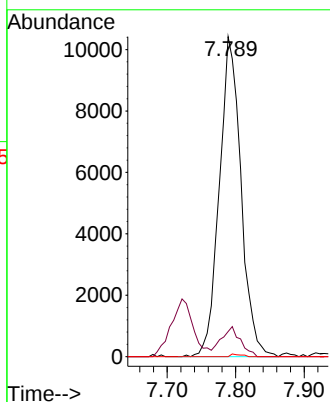
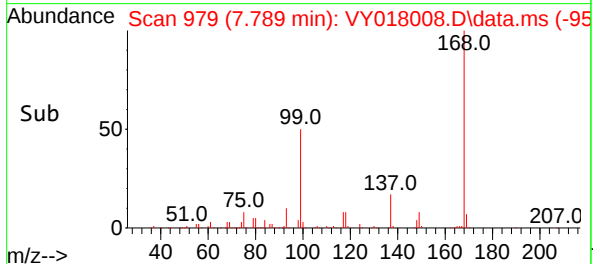


#36
1,1-Dichloropropene
Concen: 4.38 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018008.D
Acq: 22 Apr 2024 13:35

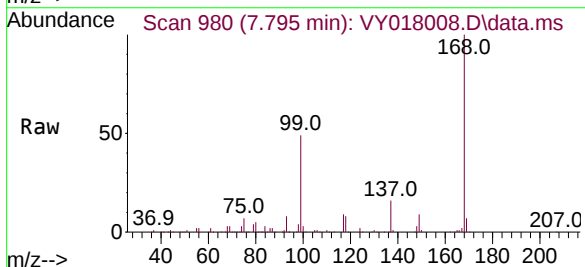
Instrument :
MSVOA_Y
ClientSampleId :



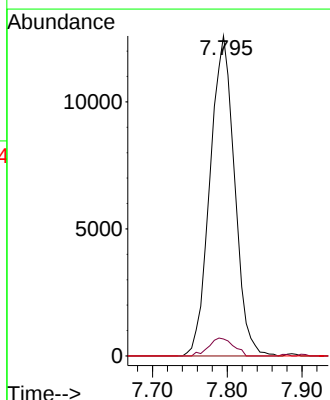
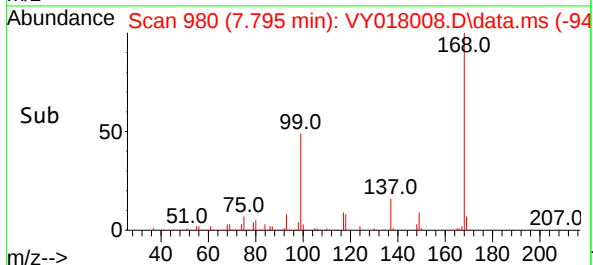
Tgt Ion: 75 Resp: 22832
Ion Ratio Lower Upper
75 100
110 8.3 19.0 57.0#
77 0.4 25.3 37.9#

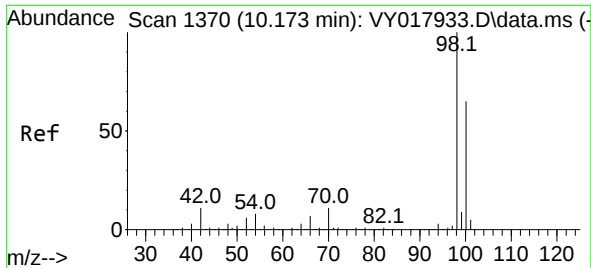


#38
Carbon Tetrachloride
Concen: 5.48 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY018008.D
Acq: 22 Apr 2024 13:35



Tgt Ion: 117 Resp: 28819
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.0 36.0#

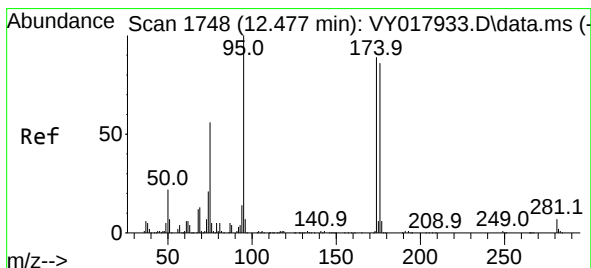
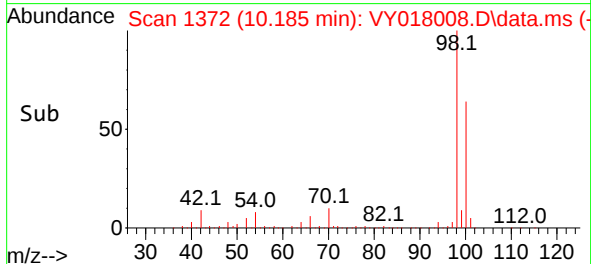
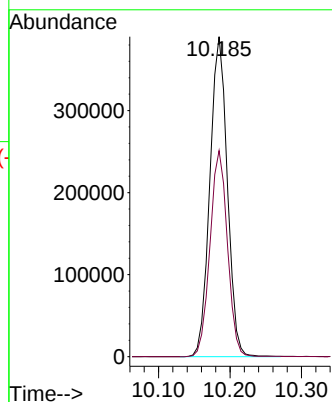
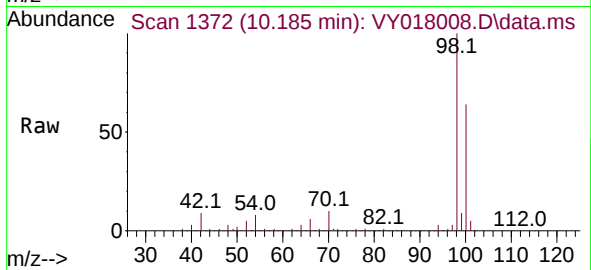




#50
Toluene-d8
Concen: 48.60 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018008.D
Acq: 22 Apr 2024 13:35

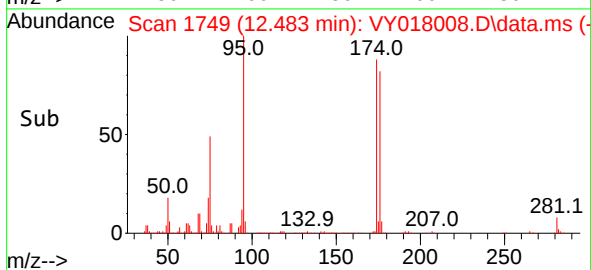
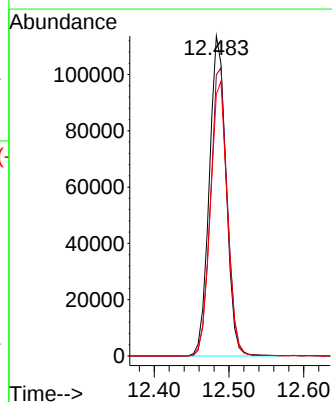
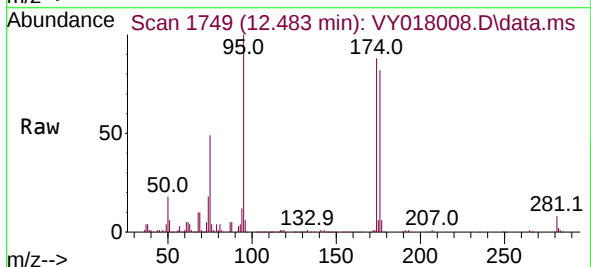
Instrument :
MSVOA_Y
ClientSampleId :

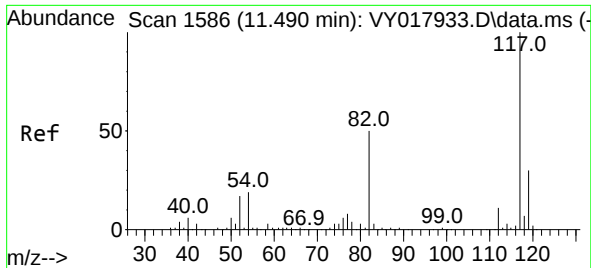
Tgt Ion: 98 Resp: 660414
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.05 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018008.D
Acq: 22 Apr 2024 13:35

Tgt Ion: 95 Resp: 176950
Ion Ratio Lower Upper
95 100
174 90.8 0.0 175.6
176 86.9 0.0 171.4

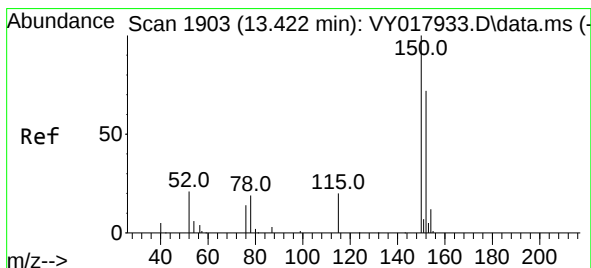
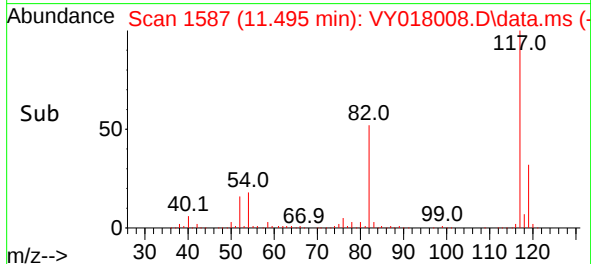
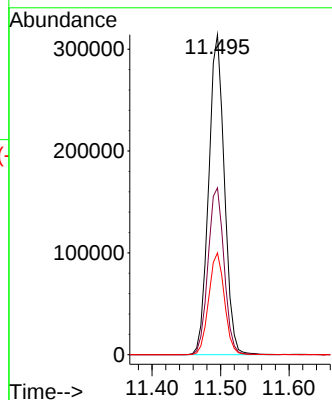
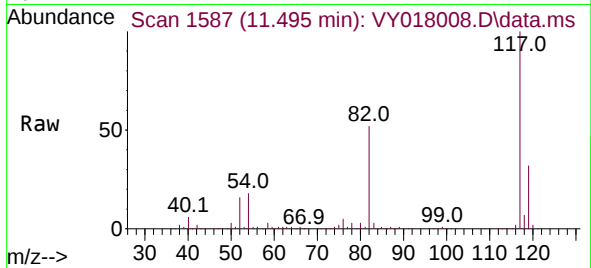




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018008.D
Acq: 22 Apr 2024 13:35

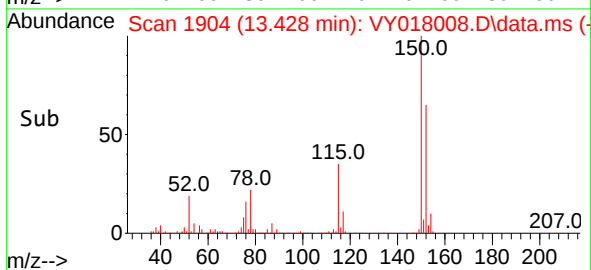
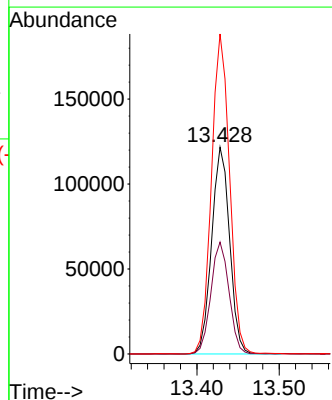
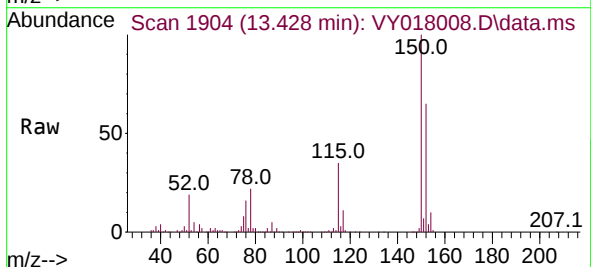
Instrument :
MSVOA_Y
ClientSampleId :

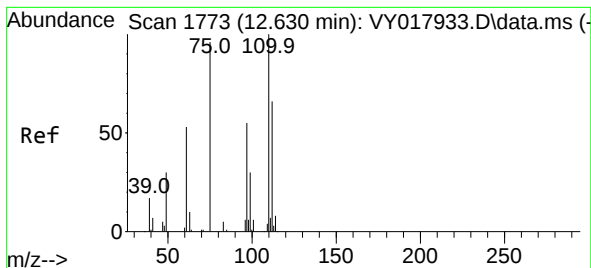
Tgt Ion:117 Resp: 502373
Ion Ratio Lower Upper
117 100
82 52.2 42.4 63.6
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY018008.D
Acq: 22 Apr 2024 13:35

Tgt Ion:152 Resp: 184709
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 155.9 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 50.89 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018008.D

Acq: 22 Apr 2024 13:35

Instrument :

MSVOA_Y

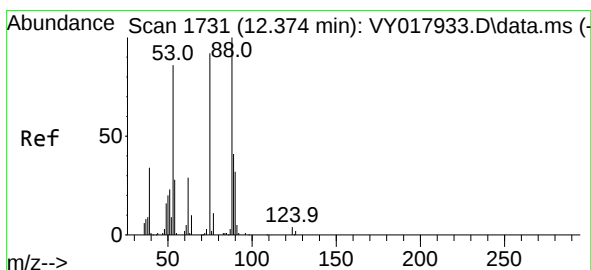
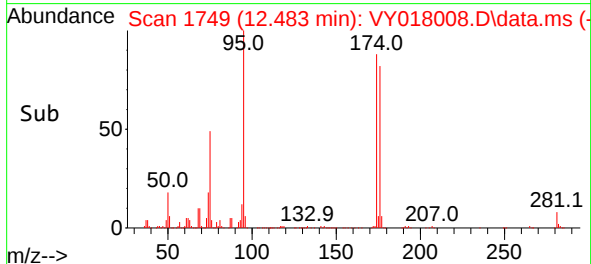
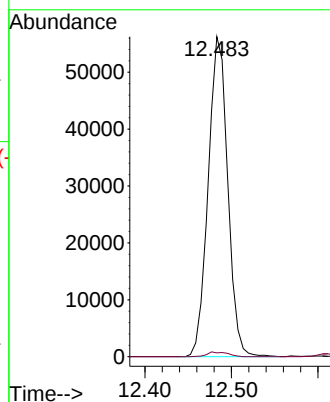
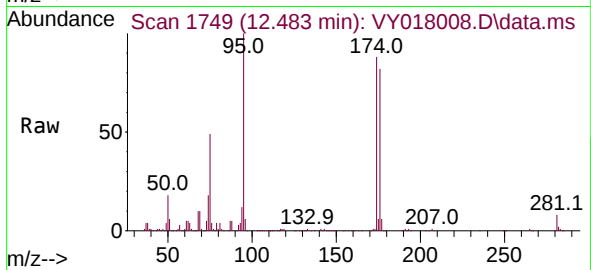
ClientSampleId :

Tgt Ion: 75 Resp: 88208

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 104.93 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY018008.D

Acq: 22 Apr 2024 13:35

Tgt Ion: 75 Resp: 88208

Ion Ratio Lower Upper

75 100

53 0.2 66.8 100.2#

89 0.0 35.8 53.6#

