

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042524\
 Data File : VY018049.D
 Acq On : 25 Apr 2024 14:30
 Operator : SY/MD
 Sample : P2262-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 26 02:02:11 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)

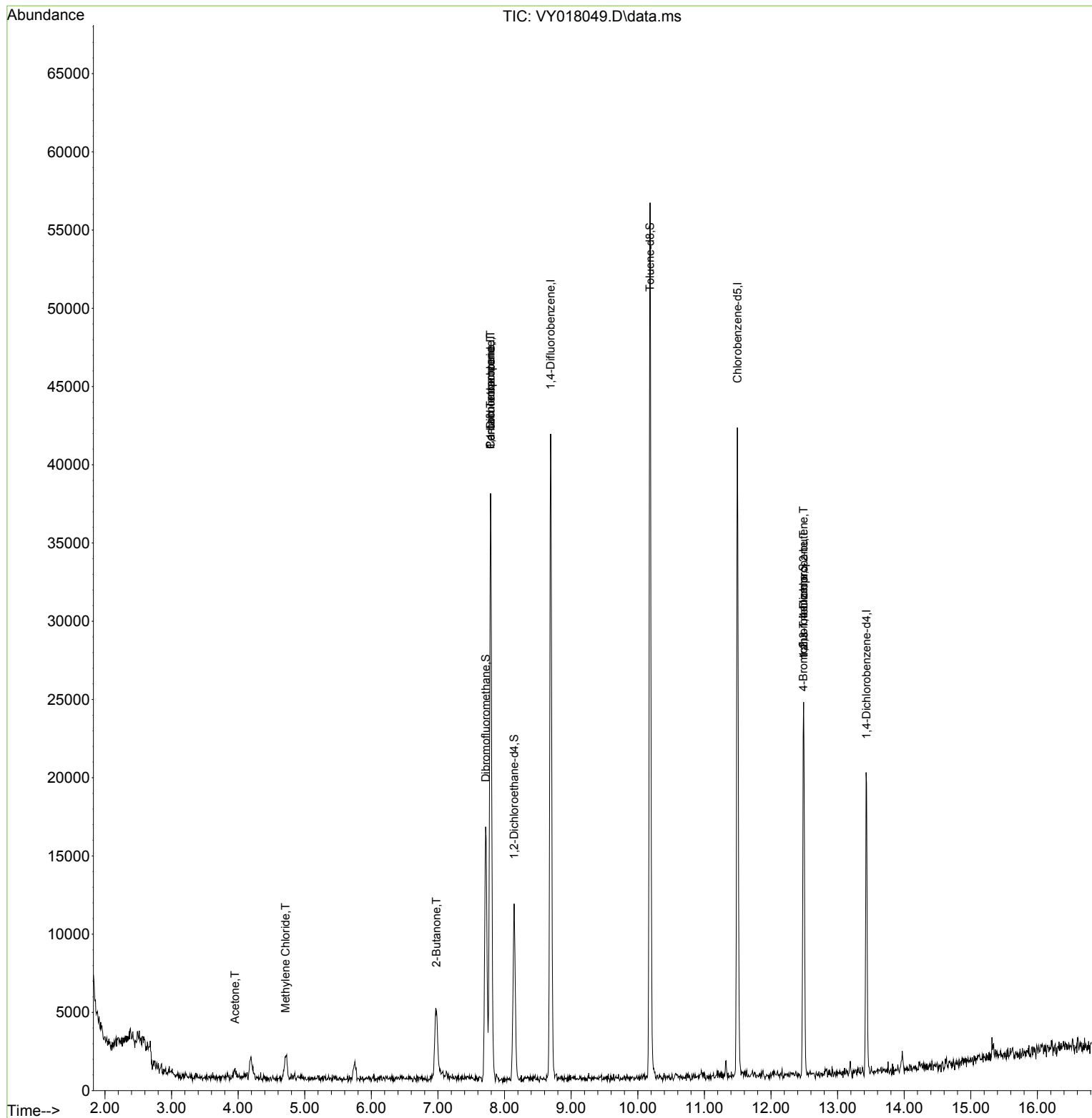
Internal Standards						
1) Pentafluorobenzene	7.789	168	32580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	39400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	25662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	5921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	9072	32.177	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	64.360%		
35) Dibromofluoromethane	7.716	113	11747	48.327	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.660%		
50) Toluene-d8	10.185	98	39525	42.853	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	85.700%		
62) 4-Bromofluorobenzene	12.483	95	6481	22.688	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	45.380%		
Target Compounds						
11) Tert butyl alcohol	4.924	59	27	Below Cal	#	88
16) Acetone	3.954	43	1054	18.920	ug/l	93
20) Methylene Chloride	4.710	84	1330	3.524	ug/l #	87
25) 2-Butanone	6.978	43	191	2.333	ug/l #	41
36) 1,1-Dichloropropene	7.789	75	2047	5.791	ug/l #	45
38) Carbon Tetrachloride	7.789	117	2847	7.972	ug/l #	13
76) 1,2,3-Trichloropropane	12.489	75	3094	55.686	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	3094	114.814	ug/l #	16

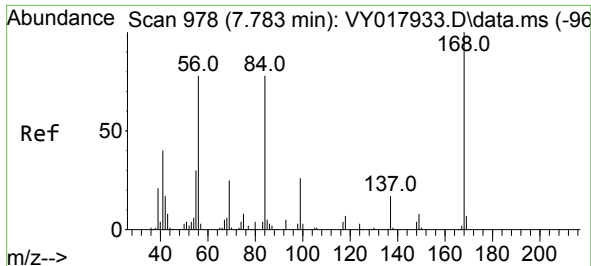
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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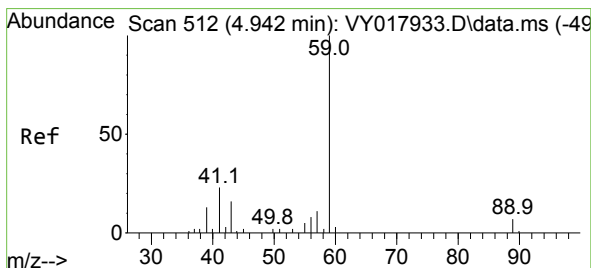
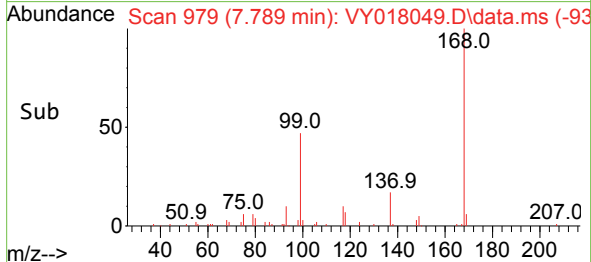
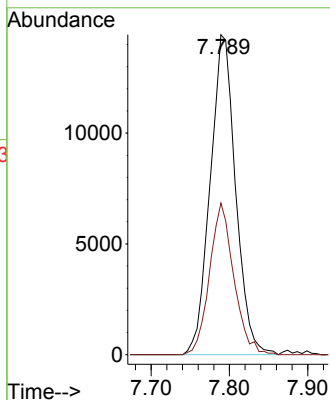
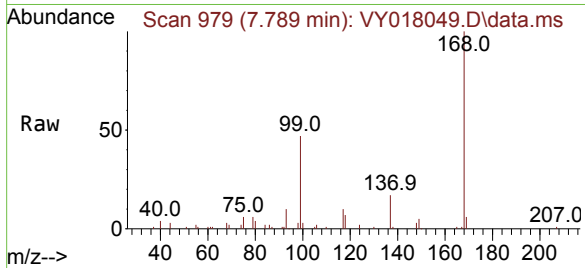




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018049.D
Acq: 25 Apr 2024 14:30

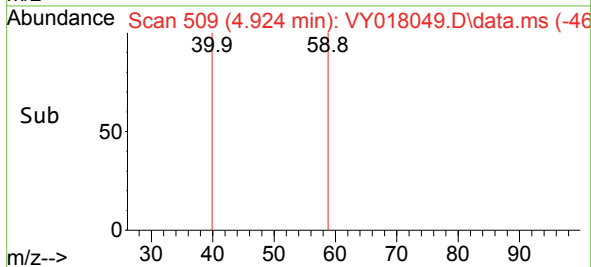
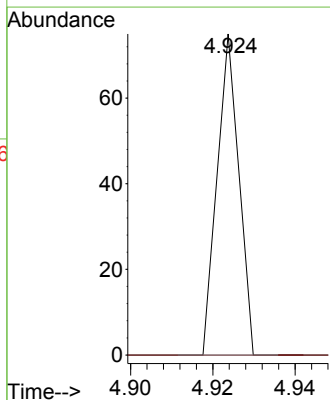
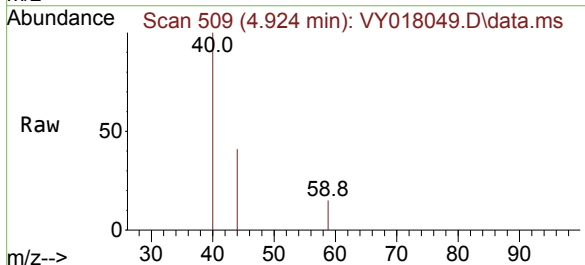
Instrument :
MSVOA_Y
ClientSampleId :

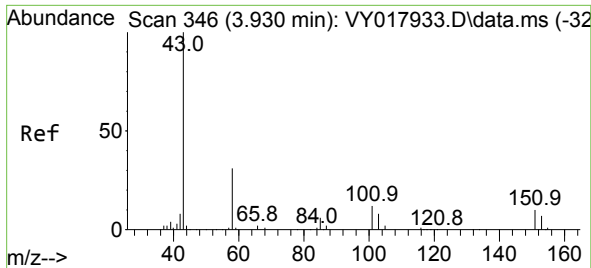
Tgt Ion:168 Resp: 32580
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY018049.D
Acq: 25 Apr 2024 14:30

Tgt Ion: 59 Resp: 27
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

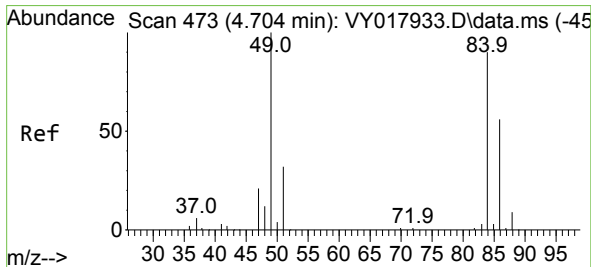
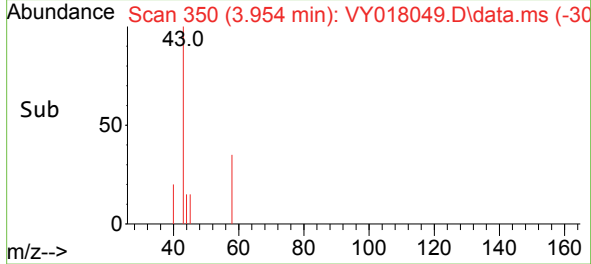
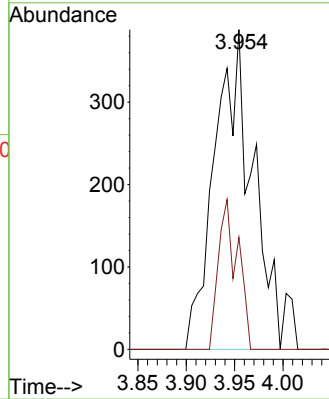
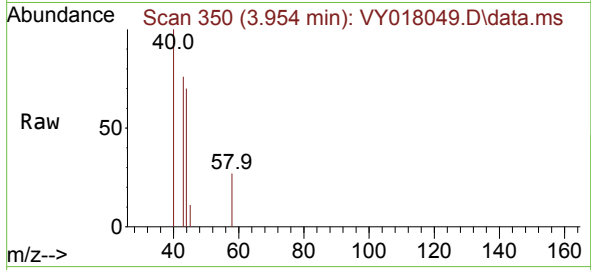




#16
Acetone
Concen: 18.920 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY018049.D
Acq: 25 Apr 2024 14:30

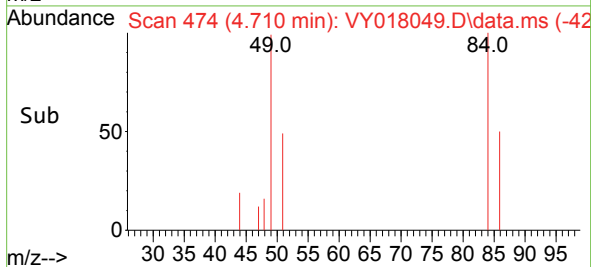
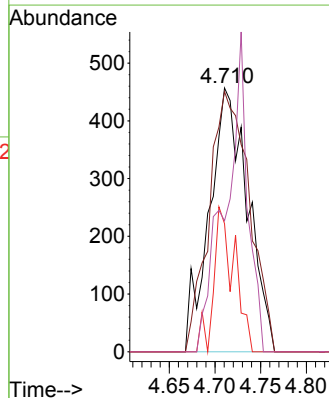
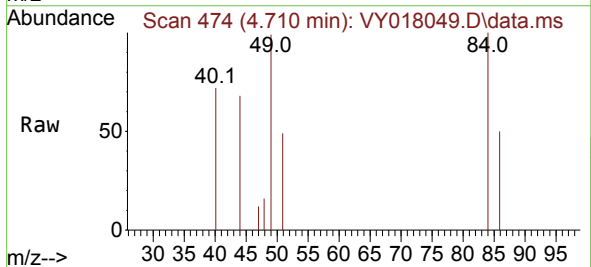
Instrument :
MSVOA_Y
ClientSampleId :

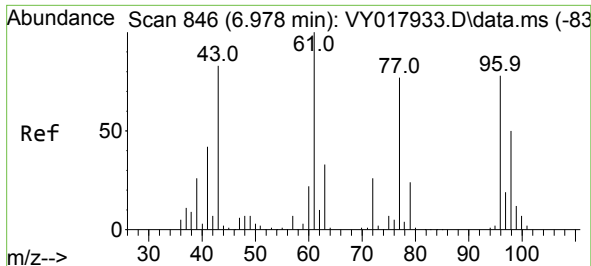
Tgt Ion: 43 Resp: 1054
Ion Ratio Lower Upper
43 100
58 35.1 31.7 47.5



#20
Methylene Chloride
Concen: 3.524 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY018049.D
Acq: 25 Apr 2024 14:30

Tgt Ion: 84 Resp: 1330
Ion Ratio Lower Upper
84 100
49 98.7 84.4 126.6
51 48.6 26.0 39.0#
86 49.7 49.5 74.3

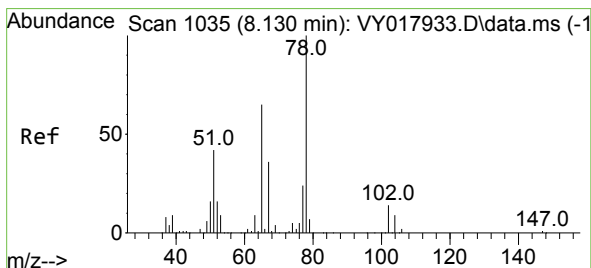
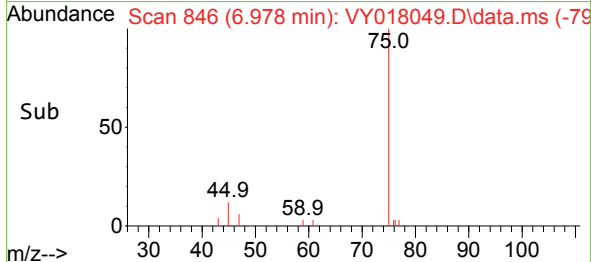
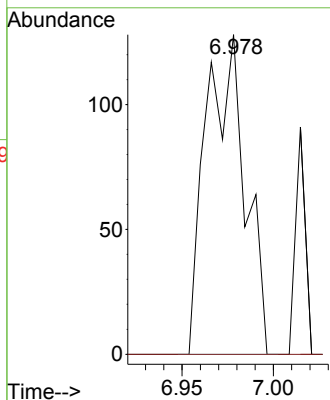
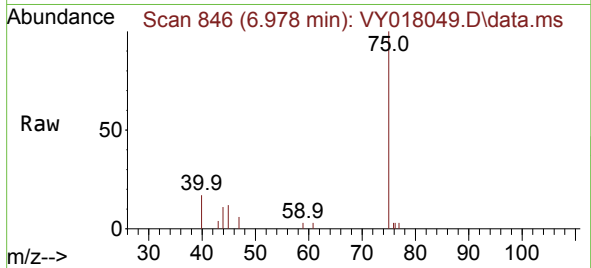




#25
2-Butanone
Concen: 2.333 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY018049.D
Acq: 25 Apr 2024 14:30

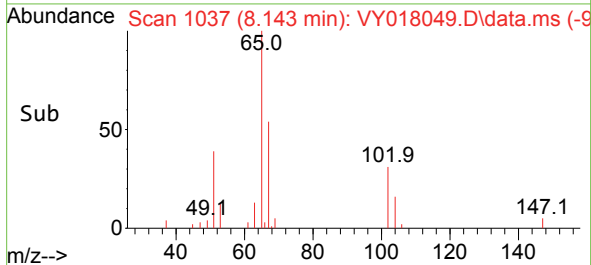
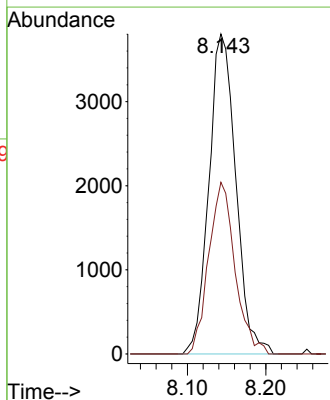
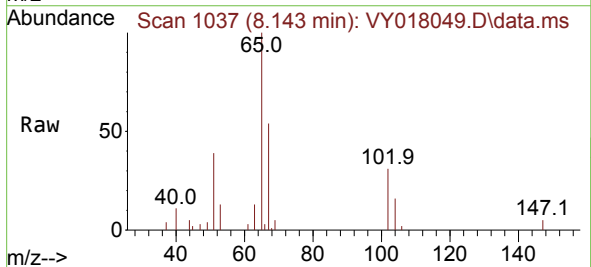
Instrument :
MSVOA_Y
ClientSampleId :

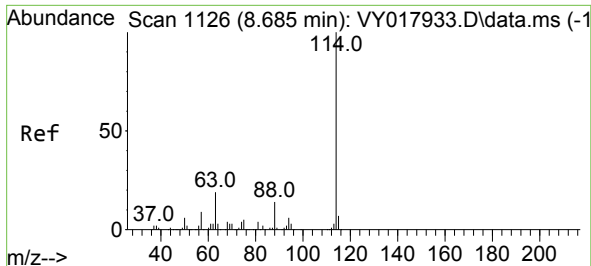
Tgt Ion: 43 Resp: 191
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 32.177 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY018049.D
Acq: 25 Apr 2024 14:30

Tgt Ion: 65 Resp: 9072
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018049.D

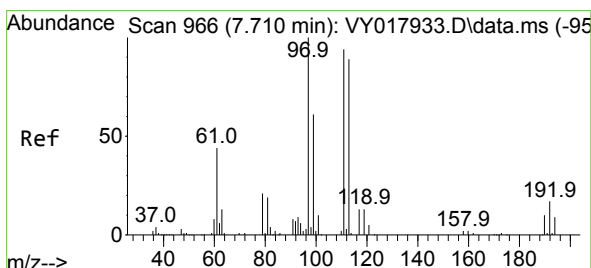
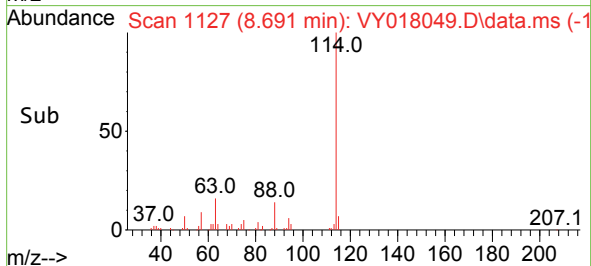
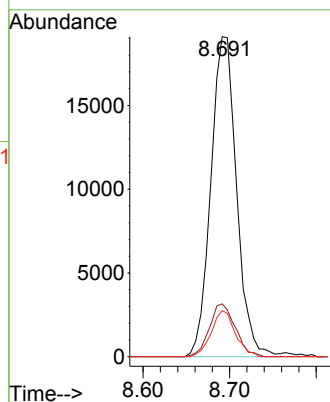
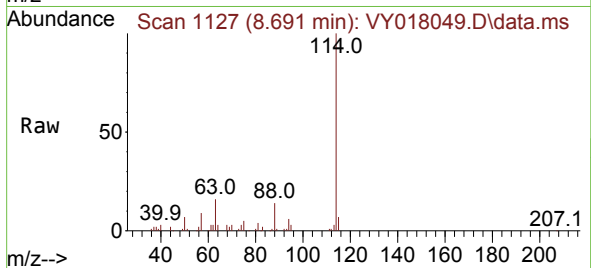
Acq: 25 Apr 2024 14:30

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	39400
Ion Ratio	Lower	Upper
114	100	
63	16.5	0.0 35.0
88	14.4	0.0 27.2



#35

Dibromofluoromethane

Concen: 48.327 ug/l

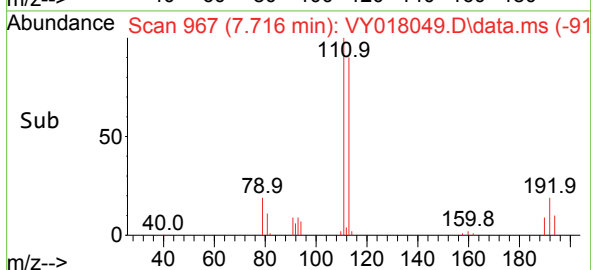
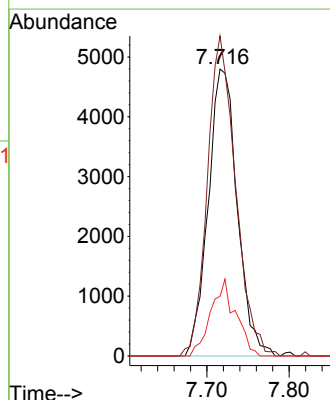
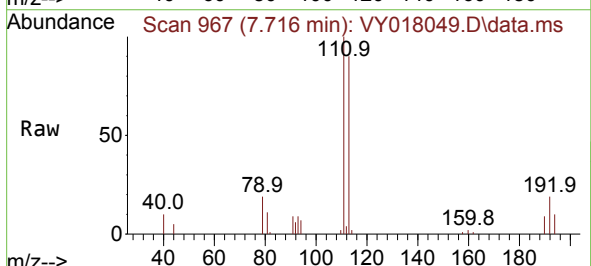
RT: 7.716 min Scan# 967

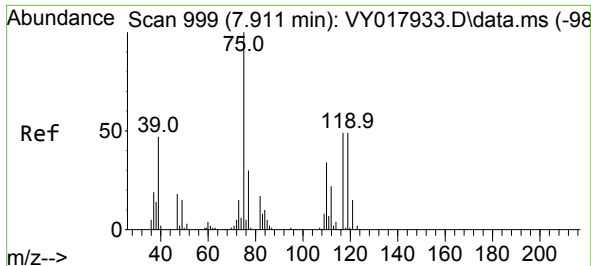
Delta R.T. -0.006 min

Lab File: VY018049.D

Acq: 25 Apr 2024 14:30

Tgt Ion:113	Resp:	11747
Ion Ratio	Lower	Upper
113	100	
111	108.5	82.2 123.4
192	22.9	15.9 23.9

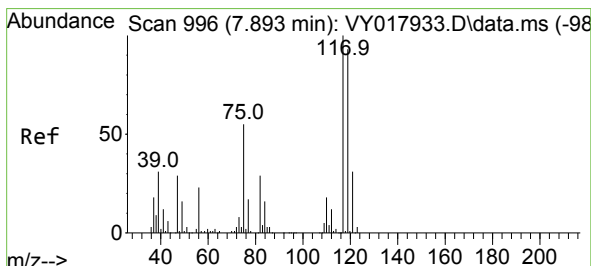
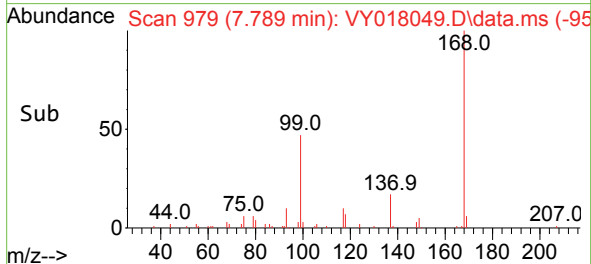
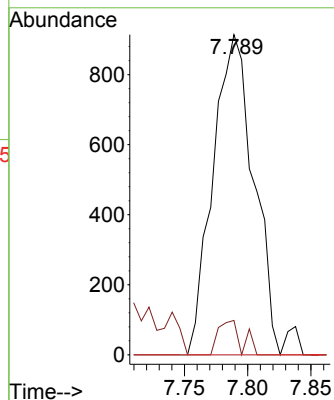
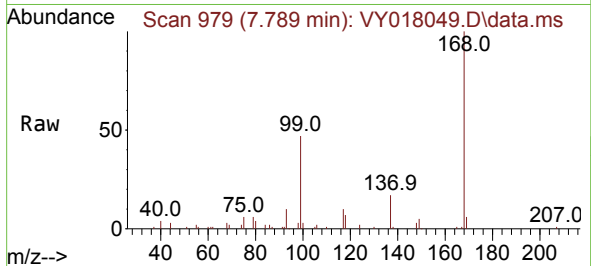




#36
1,1-Dichloropropene
Concen: 5.791 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018049.D
Acq: 25 Apr 2024 14:30

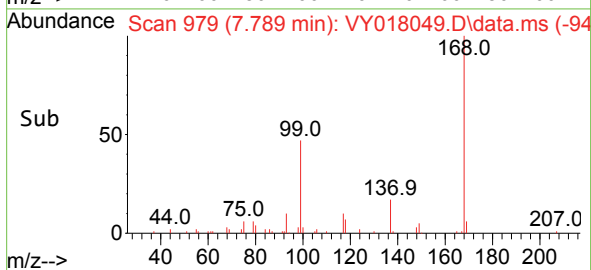
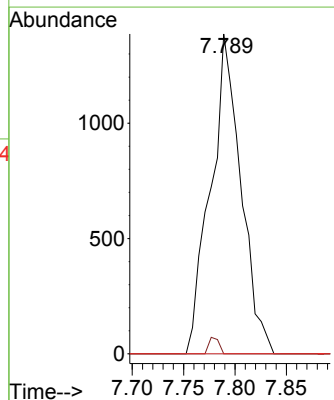
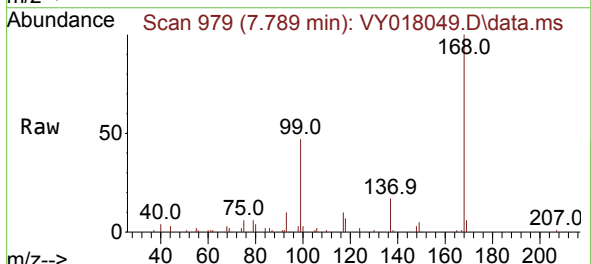
Instrument :
MSVOA_Y
ClientSampleId :

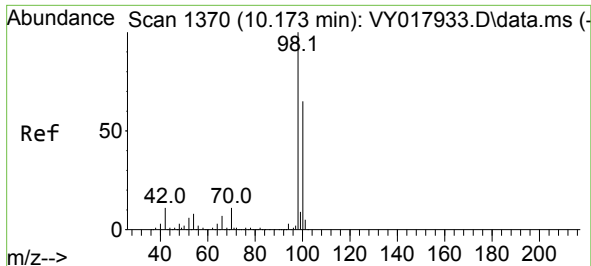
Tgt Ion: 75 Resp: 2047
Ion Ratio Lower Upper
75 100
110 6.1 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 7.972 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY018049.D
Acq: 25 Apr 2024 14:30

Tgt Ion:117 Resp: 2847
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#

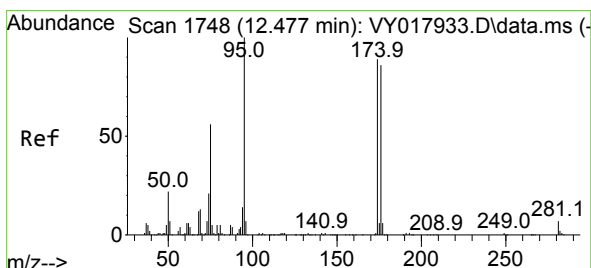
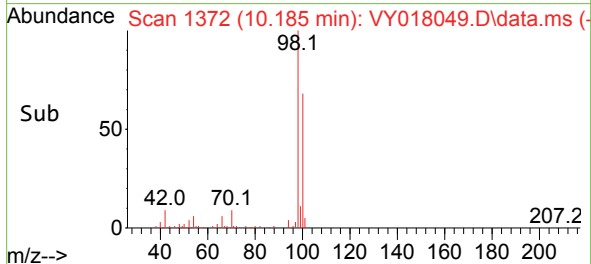
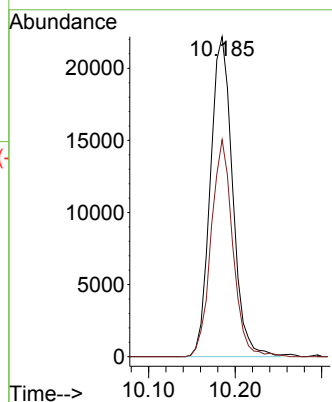
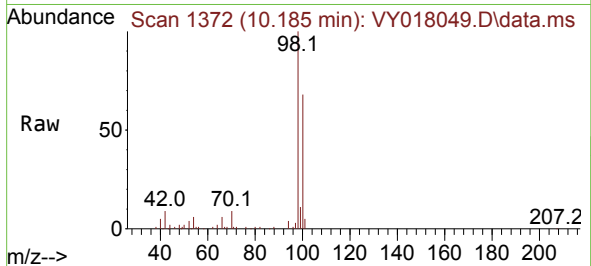




#50
Toluene-d8
Concen: 42.853 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018049.D
Acq: 25 Apr 2024 14:30

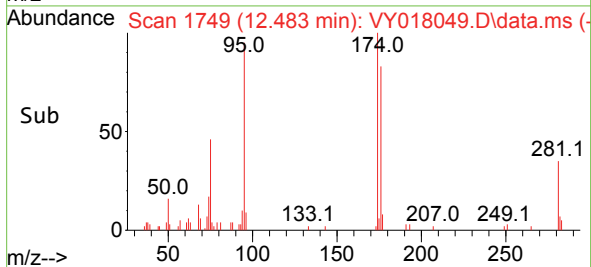
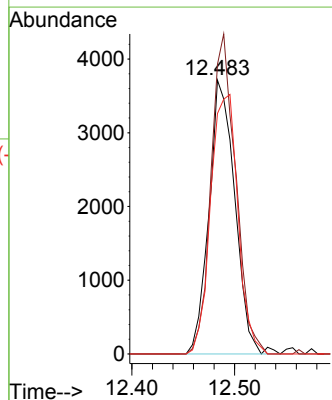
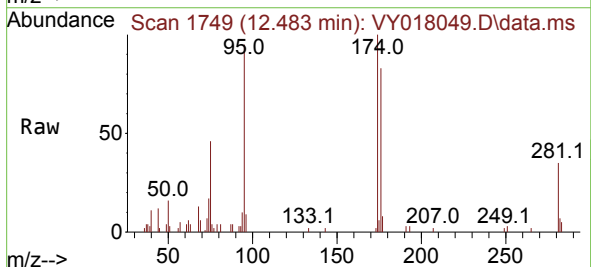
Instrument :
MSVOA_Y
ClientSampleId :

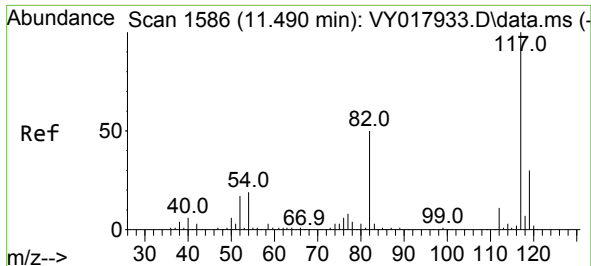
Tgt Ion: 98 Resp: 39525
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 22.688 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018049.D
Acq: 25 Apr 2024 14:30

Tgt Ion: 95 Resp: 6481
Ion Ratio Lower Upper
95 100
174 111.3 0.0 175.6
176 100.2 0.0 171.4

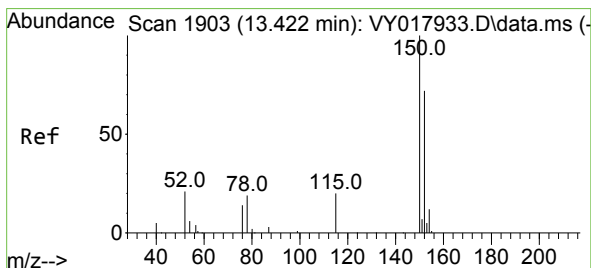
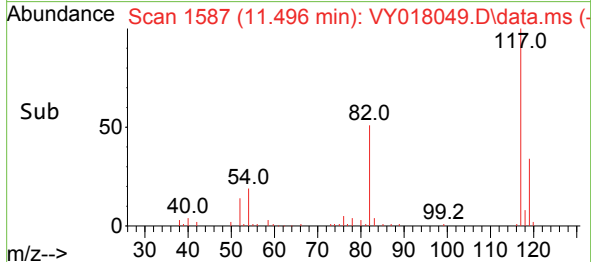
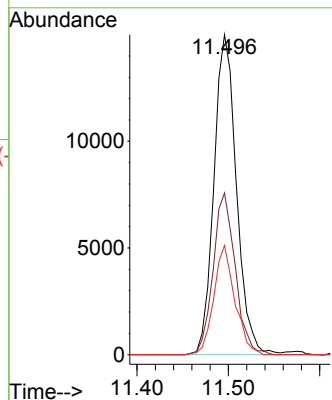
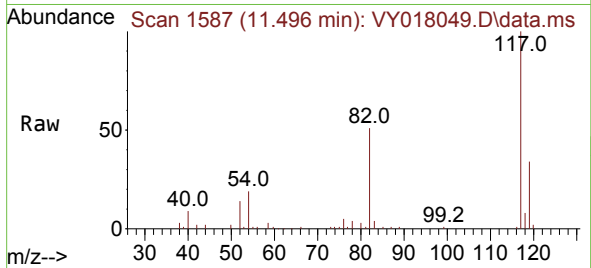




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018049.D
Acq: 25 Apr 2024 14:30

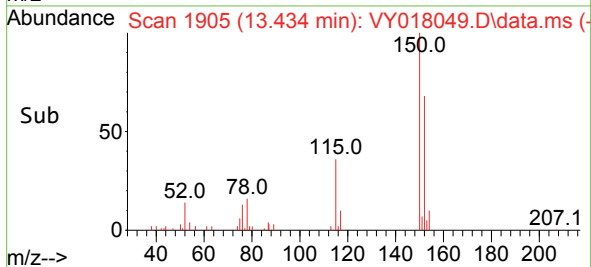
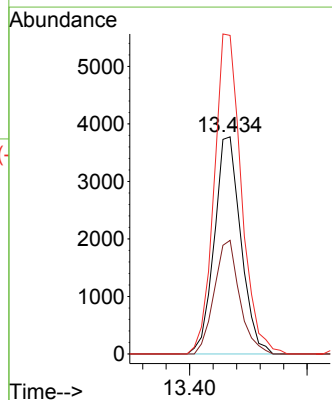
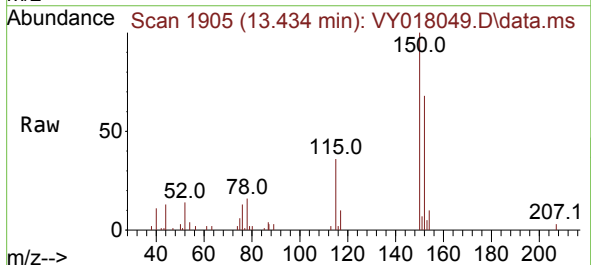
Instrument :
MSVOA_Y
ClientSampleId :

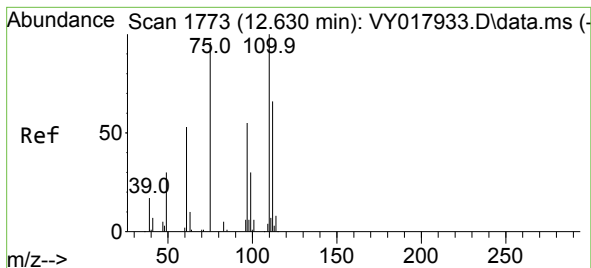
Tgt Ion:117 Resp: 25662
Ion Ratio Lower Upper
117 100
82 50.5 42.4 63.6
119 34.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY018049.D
Acq: 25 Apr 2024 14:30

Tgt Ion:152 Resp: 5921
Ion Ratio Lower Upper
152 100
115 50.0 28.2 84.7
150 151.0 0.0 345.6

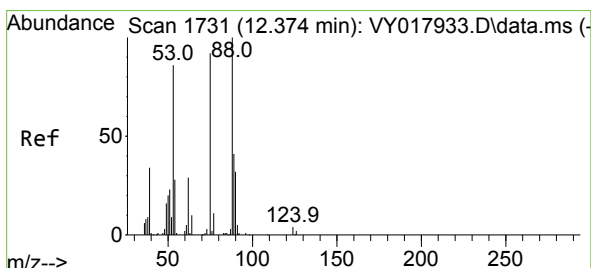
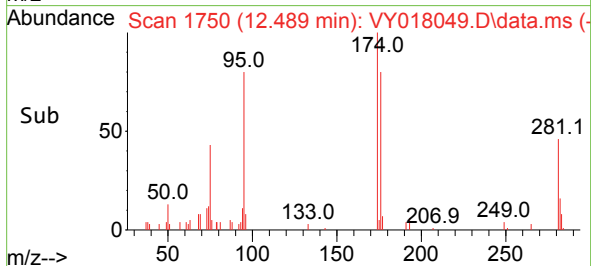
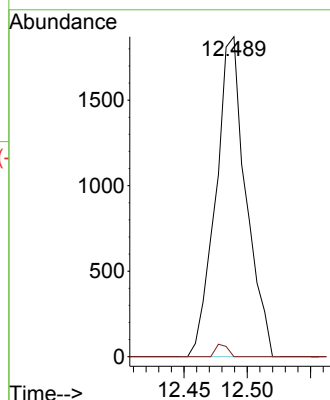
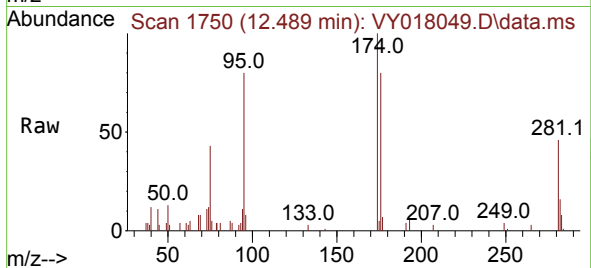




#76
1,2,3-Trichloropropane
Concen: 55.686 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY018049.D
Acq: 25 Apr 2024 14:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 3094
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.814 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY018049.D
Acq: 25 Apr 2024 14:30

Tgt Ion: 75 Resp: 3094
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

