

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018080.D
 Acq On : 29 Apr 2024 19:53
 Operator : SY/MD
 Sample : P2294-06
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 30 01:04:18 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)

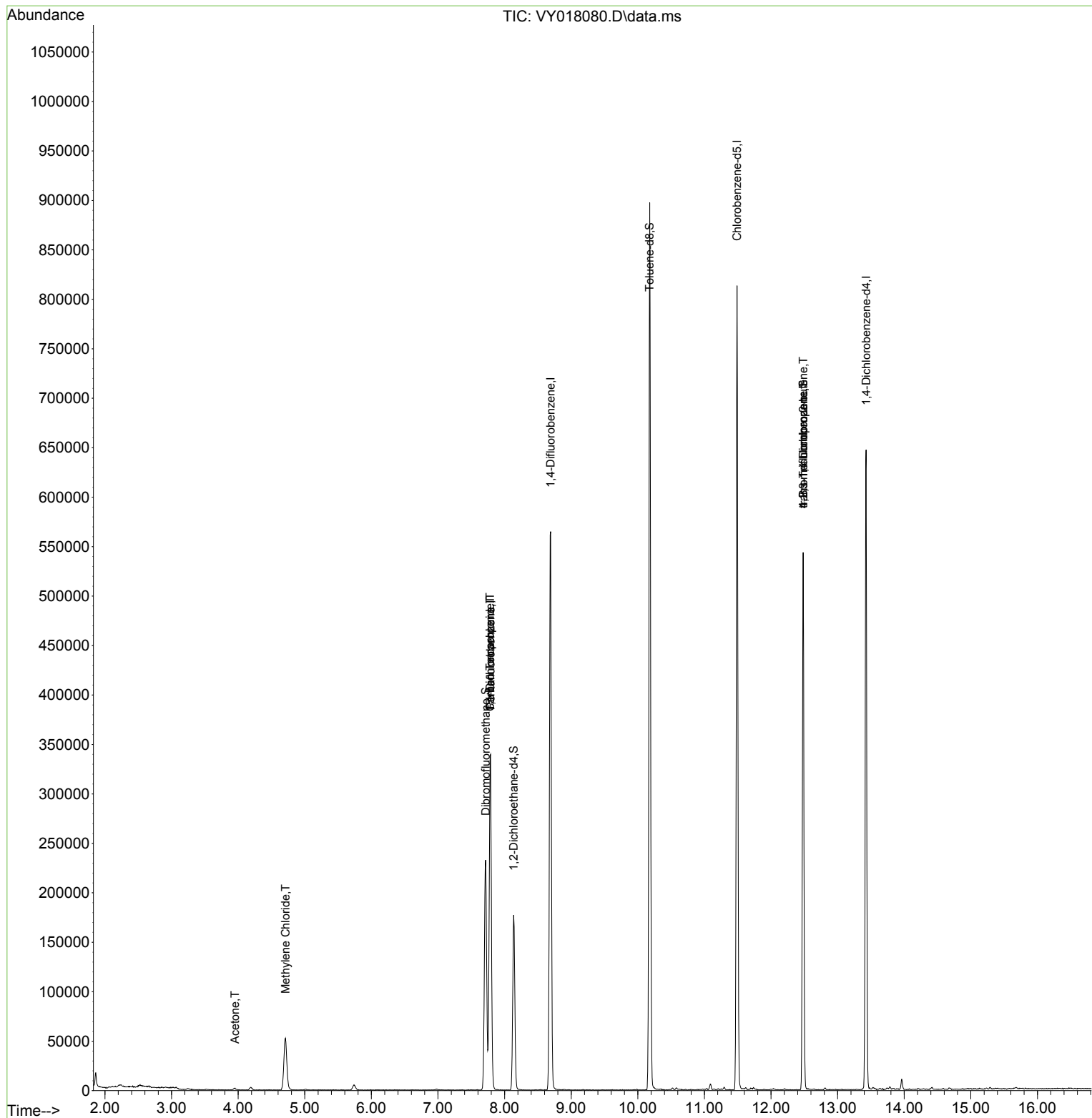
Internal Standards						
1) Pentafluorobenzene	7.789	168	296832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	538631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	488476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	129939	50.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.180%	
35) Dibromofluoromethane	7.715	113	172875	52.023	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.040%	
50) Toluene-d8	10.178	98	617777	48.994	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.980%	
62) 4-Bromofluorobenzene	12.483	95	164250	42.060	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.120%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	44	Below Cal	#	88
16) Acetone	3.954	43	2940	5.793	ug/l	89
20) Methylene Chloride	4.710	84	45911	13.352	ug/l	91
36) 1,1-Dichloropropene	7.782	75	18966	3.925	ug/l #	47
38) Carbon Tetrachloride	7.782	117	24922	5.104	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	76724	44.150	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76724	91.029	ug/l #	16

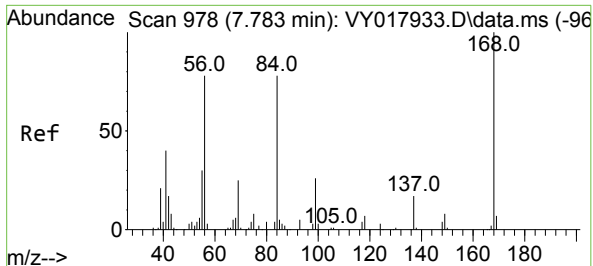
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

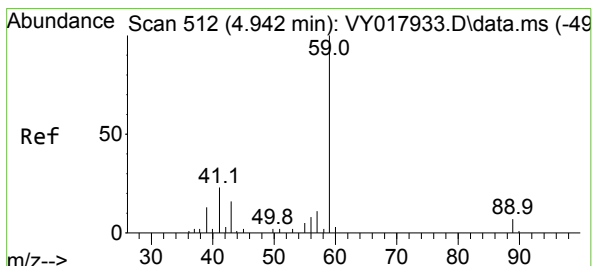
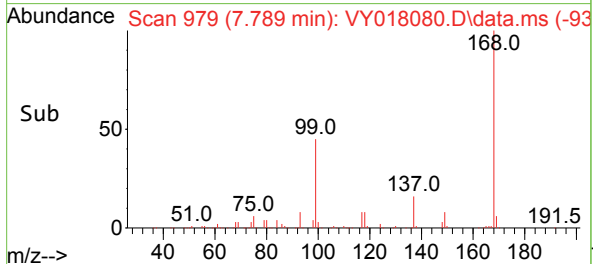
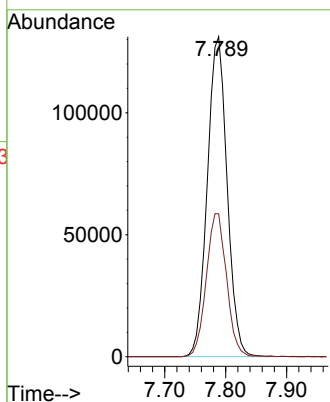
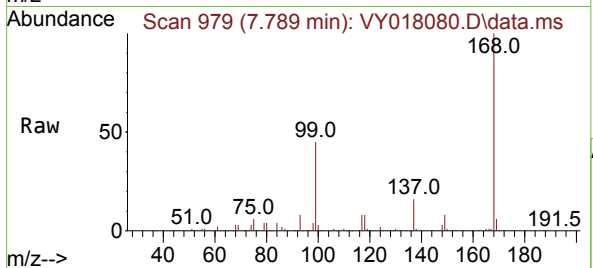




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018080.D
Acq: 29 Apr 2024 19:53

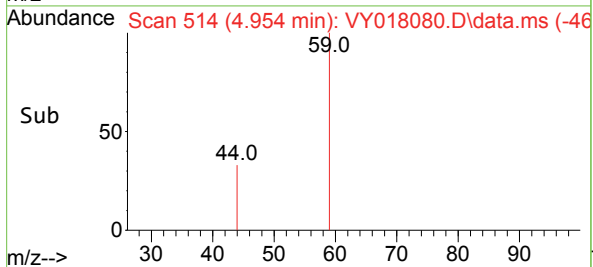
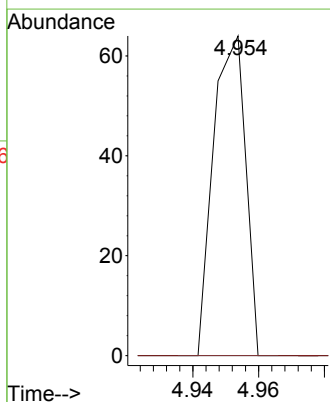
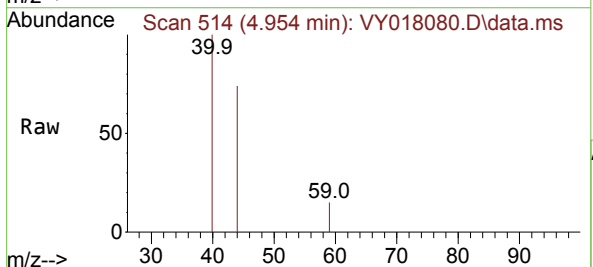
Instrument :
MSVOA_Y
ClientSampleId :

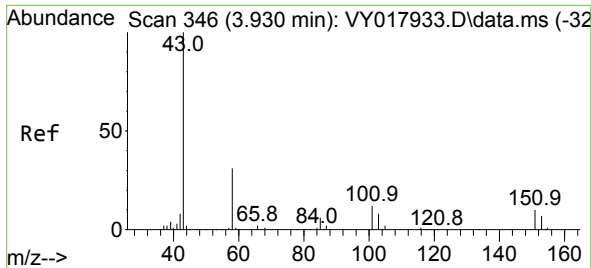
Tgt Ion:168 Resp: 296832
Ion Ratio Lower Upper
168 100
99 44.6 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY018080.D
Acq: 29 Apr 2024 19:53

Tgt Ion: 59 Resp: 44
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 5.793 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY018080.D

Acq: 29 Apr 2024 19:53

Instrument :

MSVOA_Y

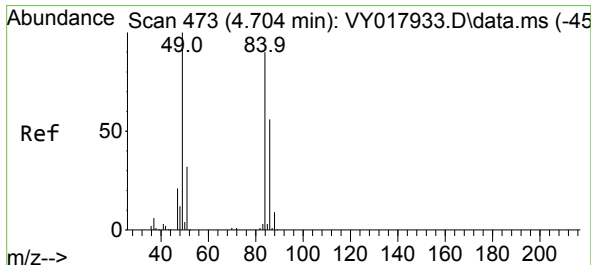
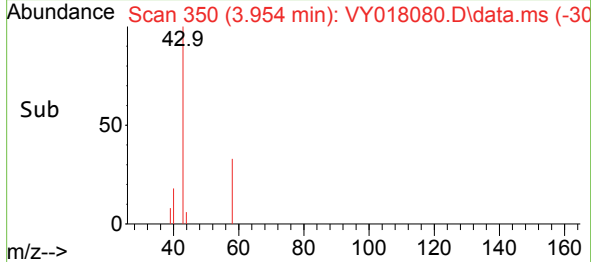
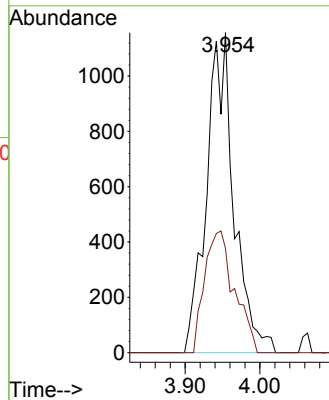
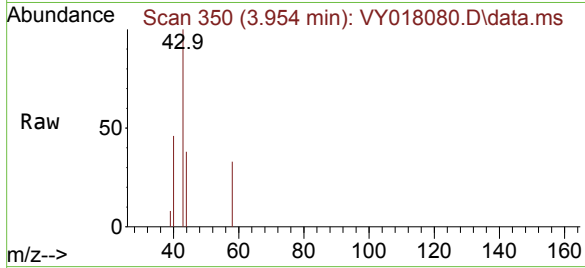
ClientSampleId :

Tgt Ion: 43 Resp: 2940

Ion Ratio Lower Upper

43 100

58 32.6 31.7 47.5



#20

Methylene Chloride

Concen: 13.352 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY018080.D

Acq: 29 Apr 2024 19:53

Tgt Ion: 84 Resp: 45911

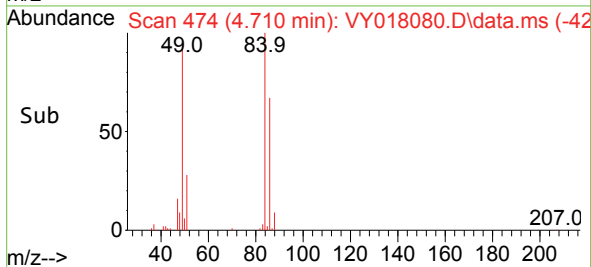
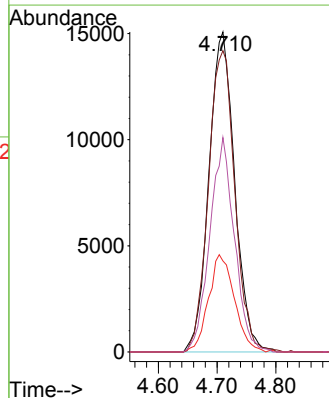
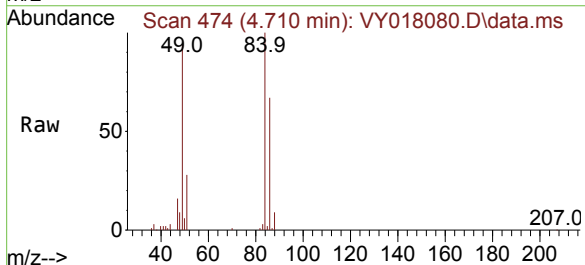
Ion Ratio Lower Upper

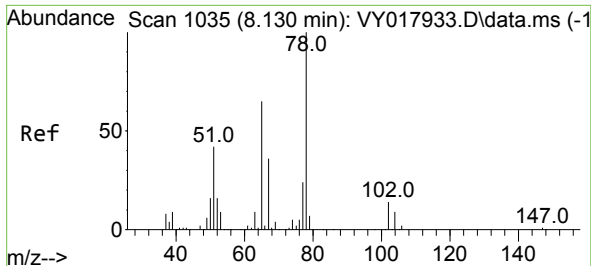
84 100

49 94.1 84.4 126.6

51 28.4 26.0 39.0

86 67.0 49.5 74.3

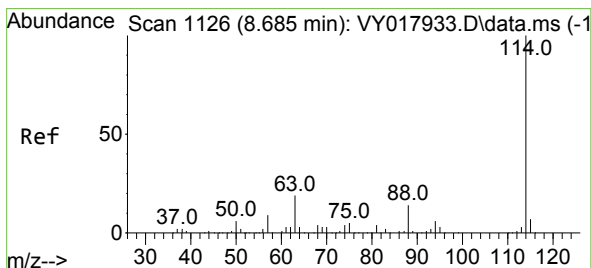
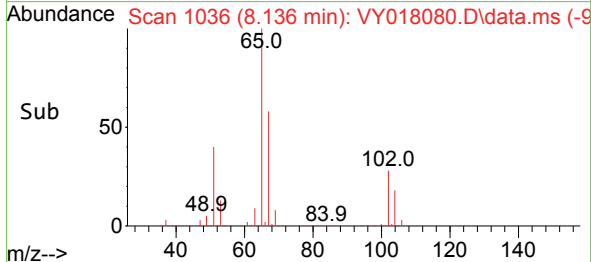
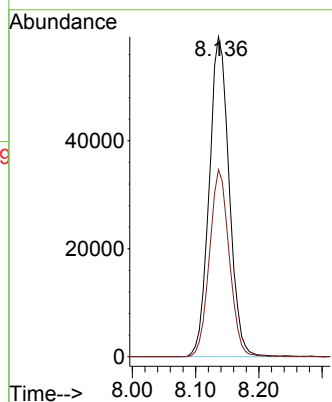
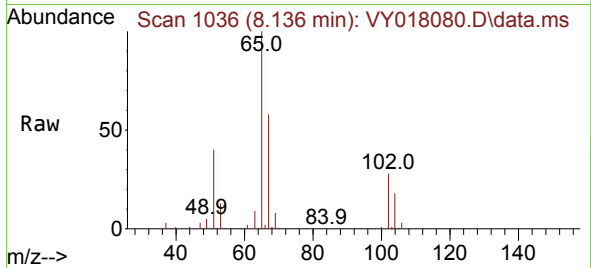




#33
1,2-Dichloroethane-d4
Concen: 50.586 ug/l
RT: 8.136 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018080.D
Acq: 29 Apr 2024 19:53

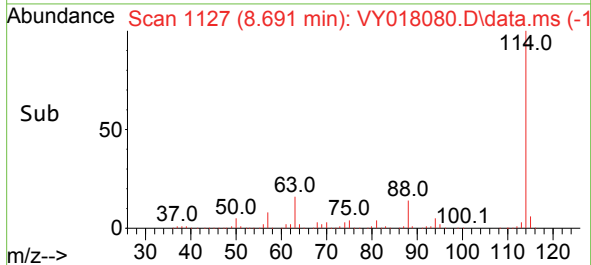
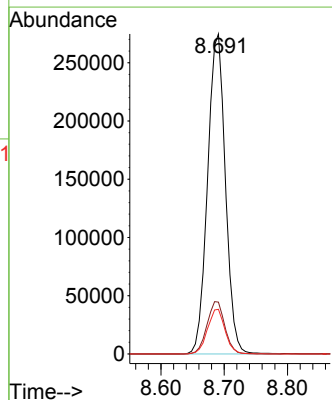
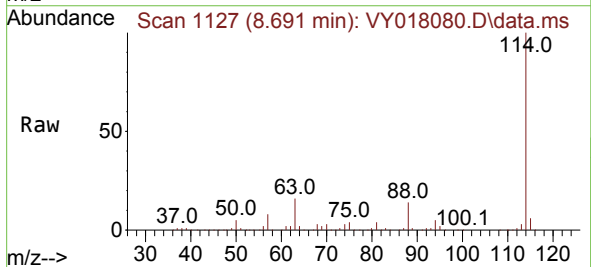
Instrument :
MSVOA_Y
ClientSampleId :

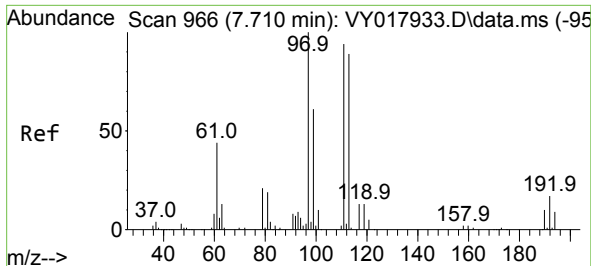
Tgt Ion: 65 Resp: 129939
Ion Ratio Lower Upper
65 100
67 57.8 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY018080.D
Acq: 29 Apr 2024 19:53

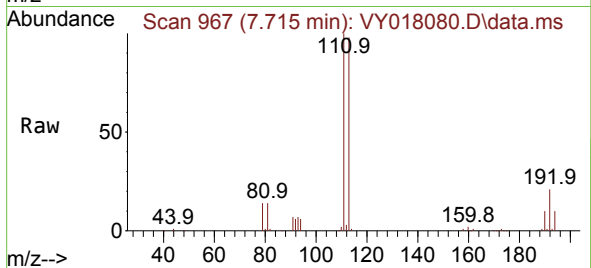
Tgt Ion:114 Resp: 538631
Ion Ratio Lower Upper
114 100
63 16.2 0.0 35.0
88 14.0 0.0 27.2



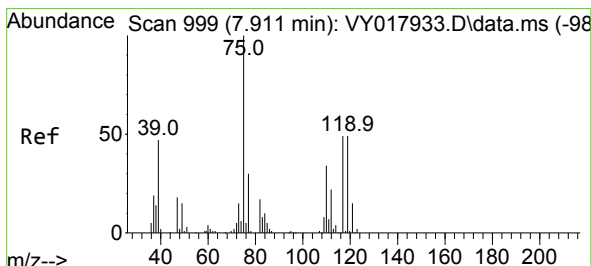
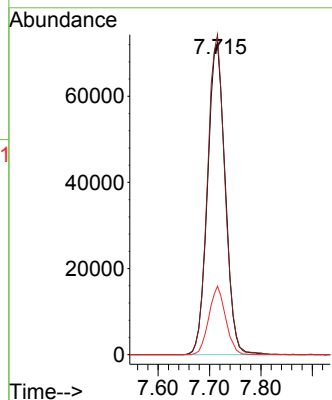
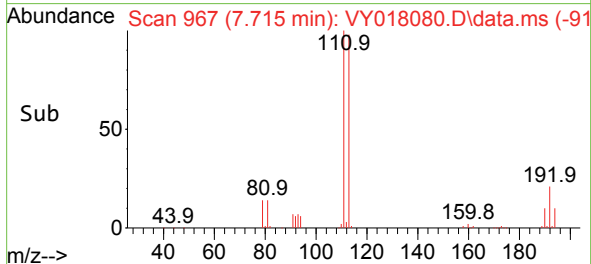


#35
Dibromofluoromethane
Concen: 52.023 ug/l
RT: 7.715 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY018080.D
Acq: 29 Apr 2024 19:53

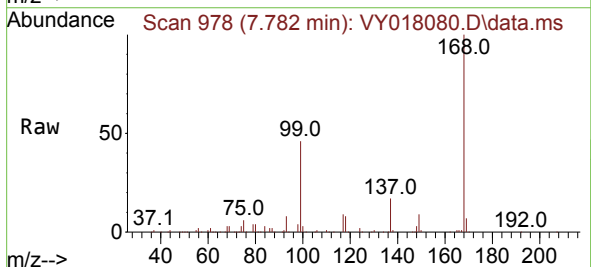
Instrument :
MSVOA_Y
ClientSampleId :



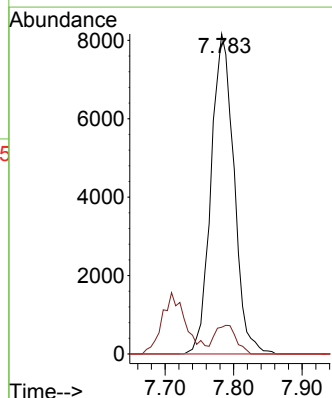
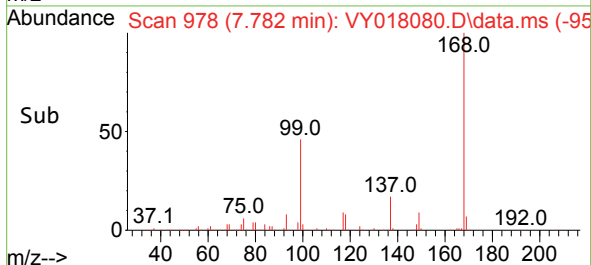
Tgt Ion:113 Resp: 172875
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 20.9 15.9 23.9

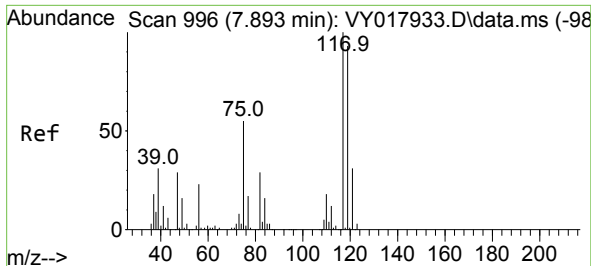


#36
1,1-Dichloropropene
Concen: 3.925 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY018080.D
Acq: 29 Apr 2024 19:53



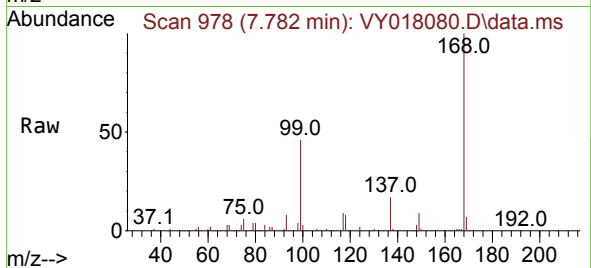
Tgt Ion: 75 Resp: 18966
Ion Ratio Lower Upper
75 100
110 8.2 19.0 57.0#
77 0.0 25.3 37.9#



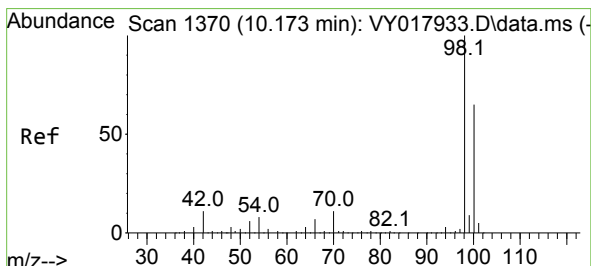
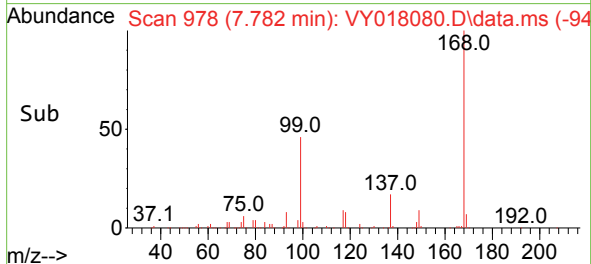
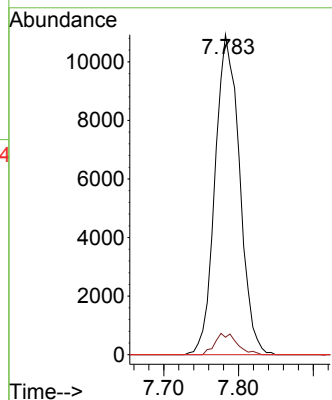


#38
Carbon Tetrachloride
Concen: 5.104 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018080.D
Acq: 29 Apr 2024 19:53

Instrument :
MSVOA_Y
ClientSampleId :

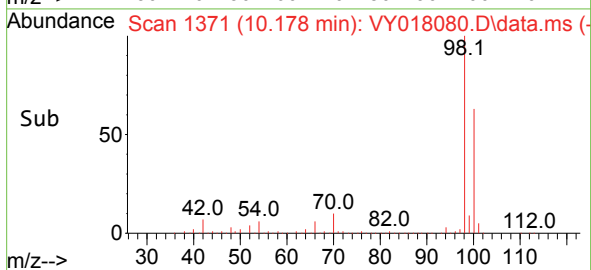
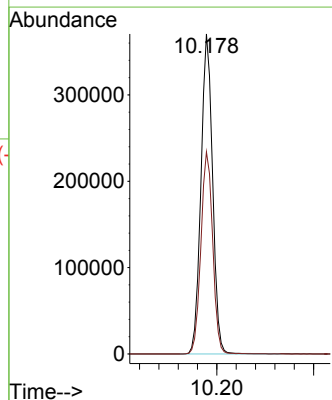
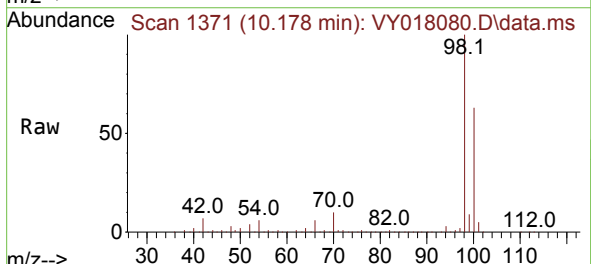


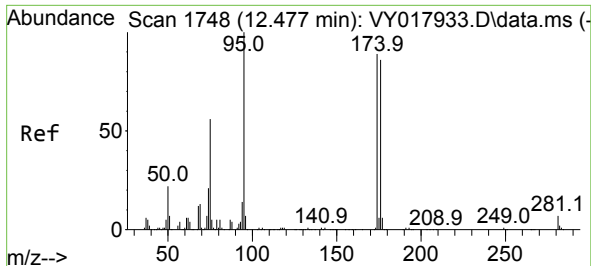
Tgt Ion:117 Resp: 24922
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.994 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018080.D
Acq: 29 Apr 2024 19:53

Tgt Ion: 98 Resp: 617777
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

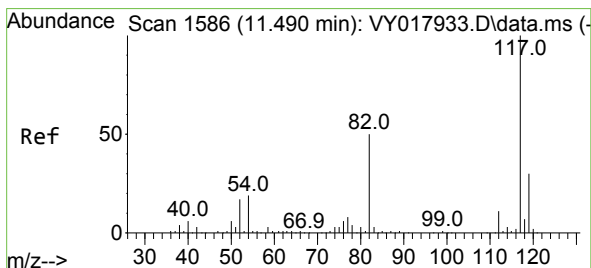
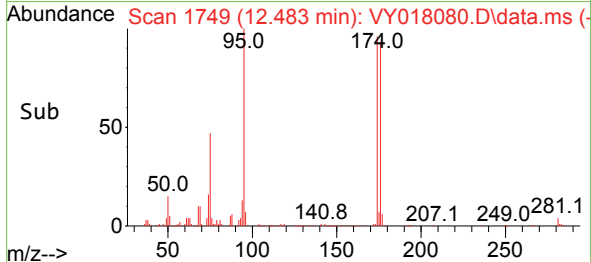
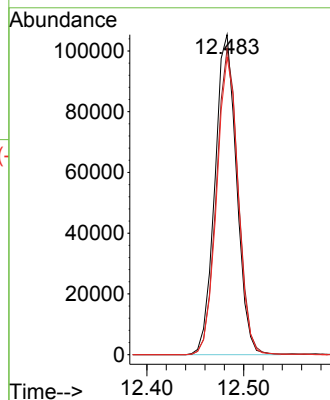
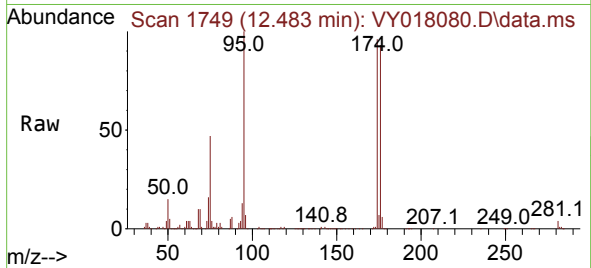




#62
4-Bromofluorobenzene
Concen: 42.060 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018080.D
Acq: 29 Apr 2024 19:53

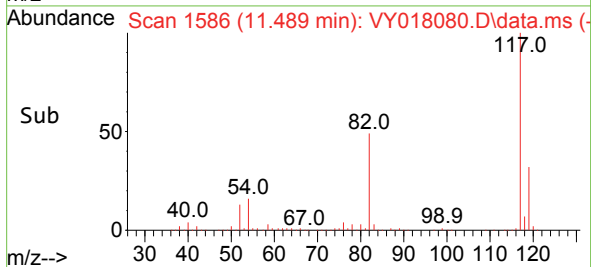
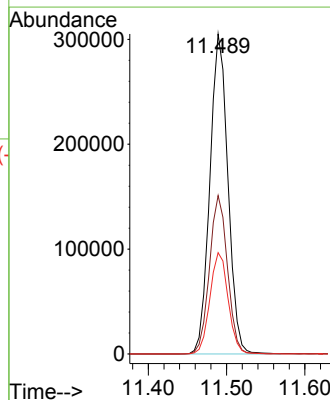
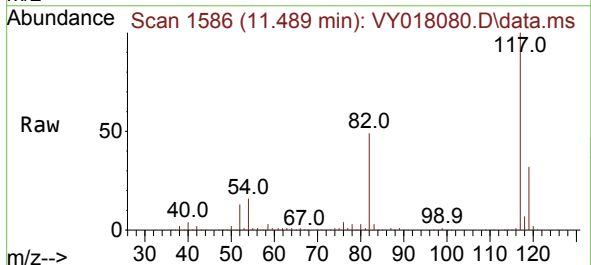
Instrument :
MSVOA_Y
ClientSampleId :

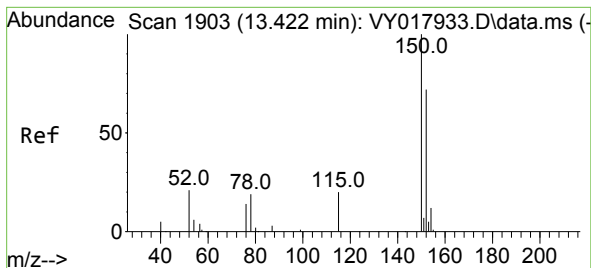
Tgt Ion: 95 Resp: 164250
Ion Ratio Lower Upper
95 100
174 95.4 0.0 175.6
176 92.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018080.D
Acq: 29 Apr 2024 19:53

Tgt Ion: 117 Resp: 488476
Ion Ratio Lower Upper
117 100
82 49.5 42.4 63.6
119 31.6 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018080.D

Acq: 29 Apr 2024 19:53

Instrument :

MSVOA_Y

ClientSampleId :

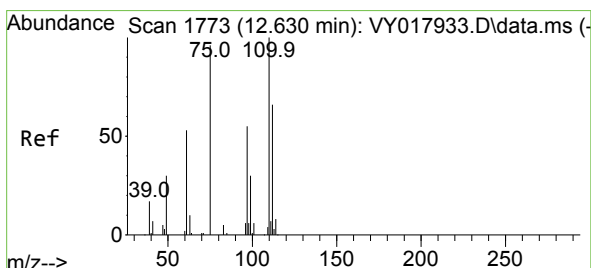
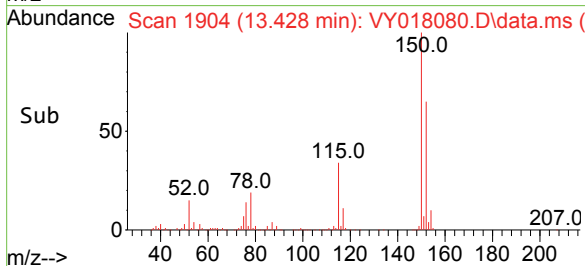
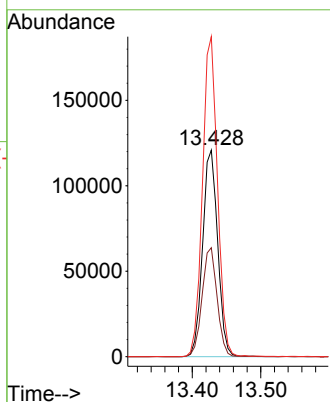
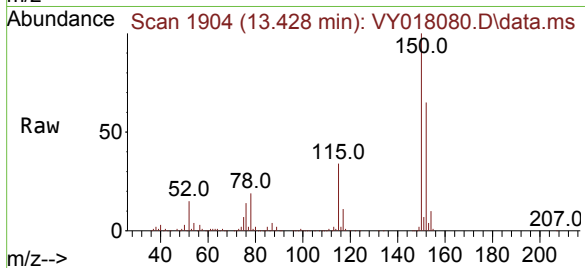
Tgt Ion:152 Resp: 185192

Ion Ratio Lower Upper

152 100

115 52.7 28.2 84.7

150 153.6 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 44.150 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY018080.D

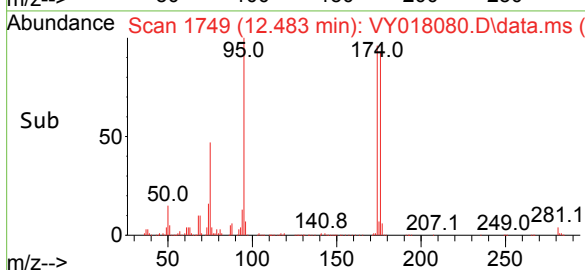
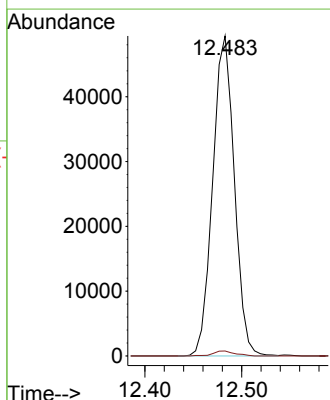
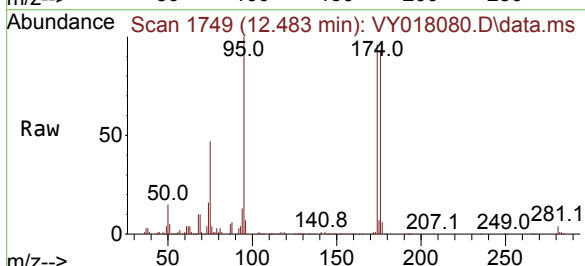
Acq: 29 Apr 2024 19:53

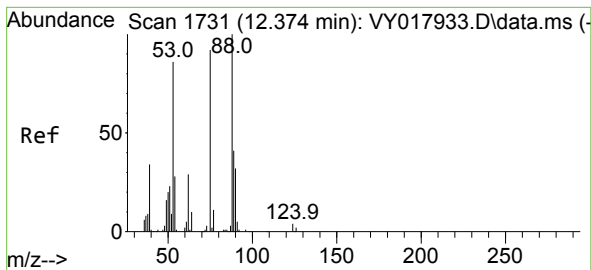
Tgt Ion: 75 Resp: 76724

Ion Ratio Lower Upper

75 100

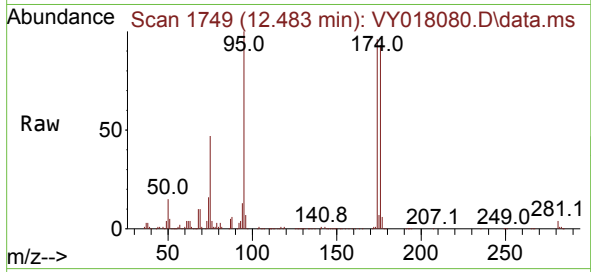
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.029 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY018080.D
 Acq: 29 Apr 2024 19:53

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 76724
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.0 35.8 53.6#

