

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018068.D
 Acq On : 29 Apr 2024 15:00
 Operator : SY/MD
 Sample : VY0429SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 30 00:59:04 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)

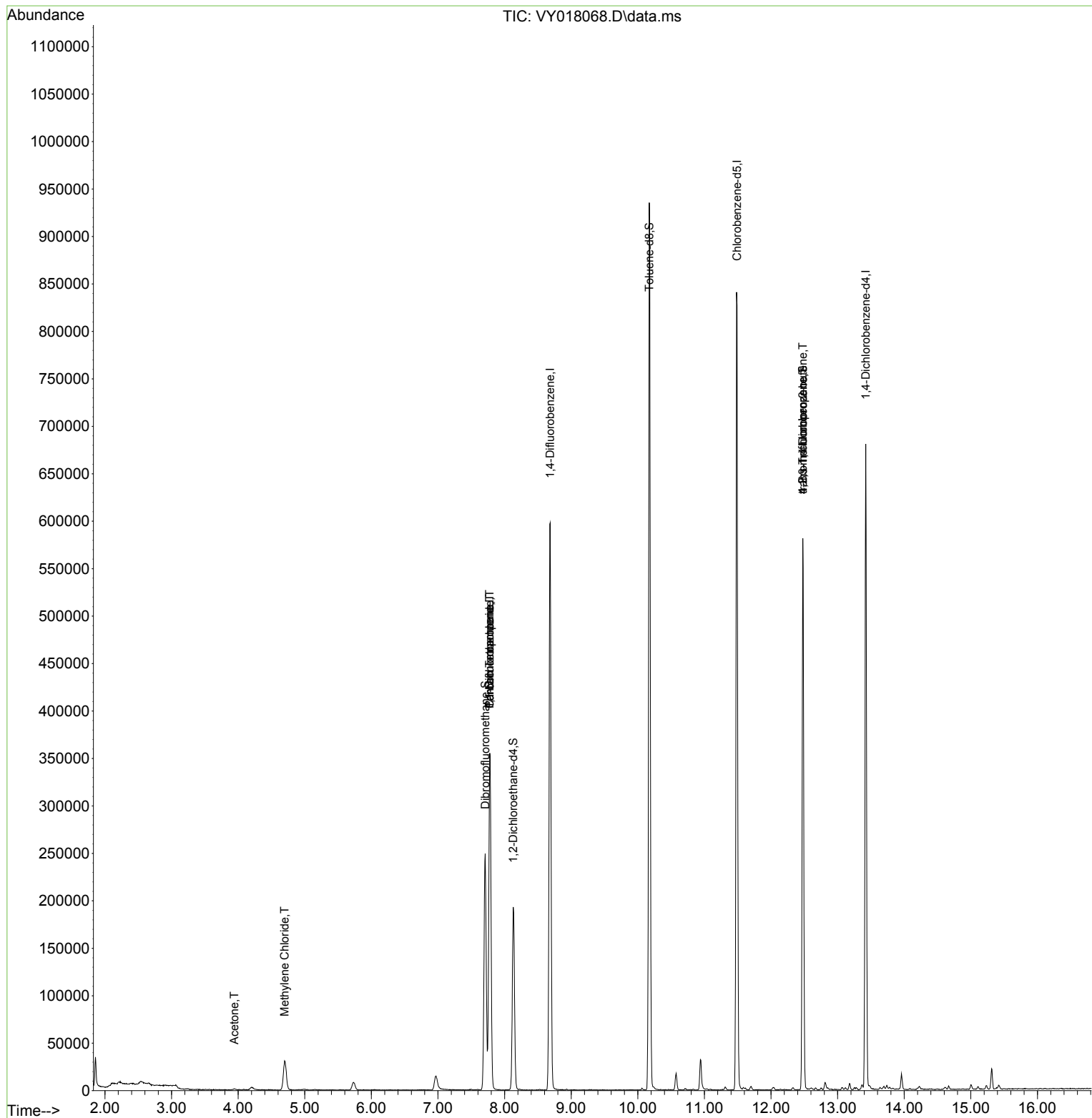
Internal Standards						
1) Pentafluorobenzene	7.777	168	306219	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	562751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	505431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	145371	54.858	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.720%	
35) Dibromofluoromethane	7.710	113	182500	52.566	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.140%	
50) Toluene-d8	10.173	98	648101	49.196	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.400%	
62) 4-Bromofluorobenzene	12.477	95	170919	41.892	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	318	Below Cal	#	88
16) Acetone	3.942	43	1556	2.972	ug/l	91
20) Methylene Chloride	4.698	84	26823	7.562	ug/l	94
36) 1,1-Dichloropropene	7.777	75	21289	4.216	ug/l #	47
38) Carbon Tetrachloride	7.777	117	26557	5.206	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	82443	47.625	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	82443	98.195	ug/l #	16

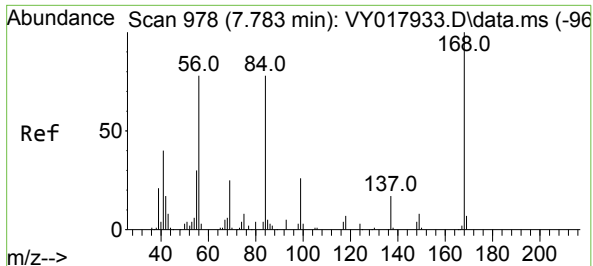
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

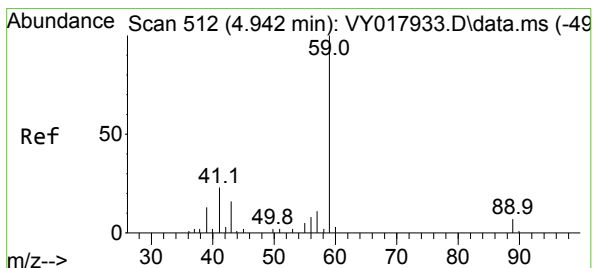
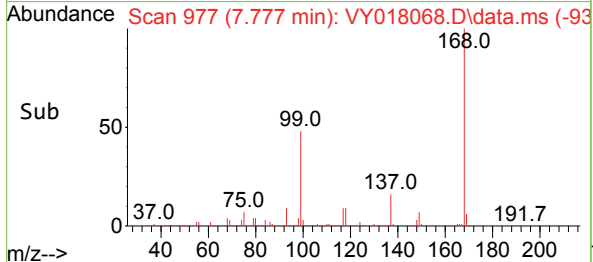
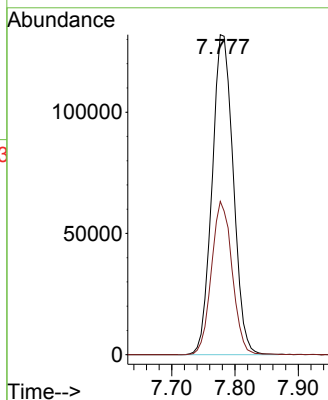
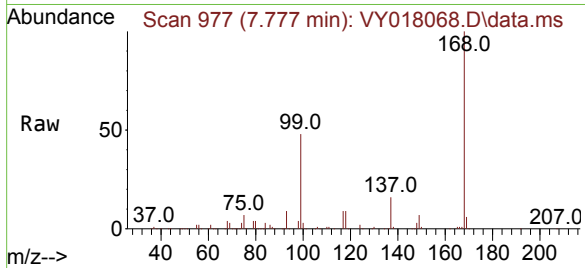




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY018068.D
Acq: 29 Apr 2024 15:00

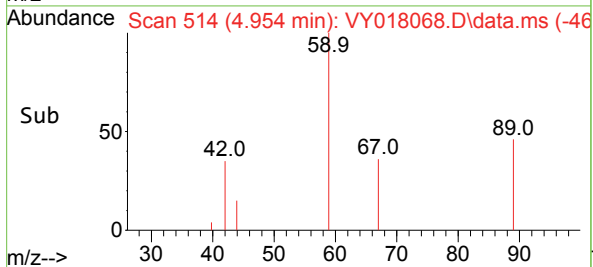
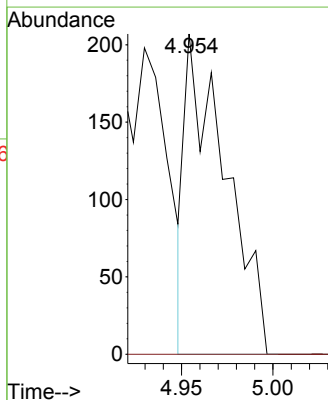
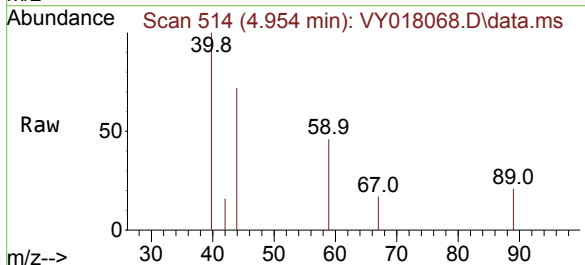
Instrument :
MSVOA_Y
ClientSampleId :

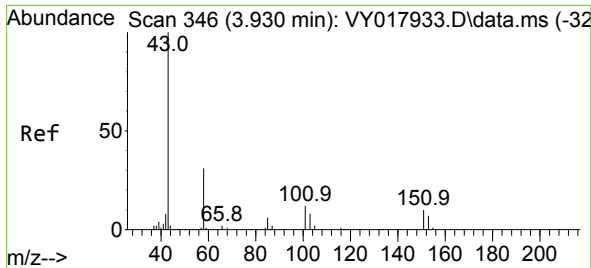
Tgt Ion:168 Resp: 306219
Ion Ratio Lower Upper
168 100
99 47.9 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY018068.D
Acq: 29 Apr 2024 15:00

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





#16

Acetone

Concen: 2.972 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY018068.D

Acq: 29 Apr 2024 15:00

Instrument :

MSVOA_Y

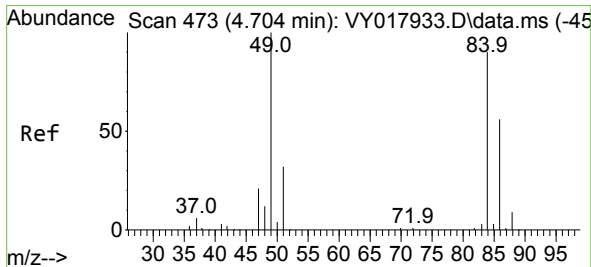
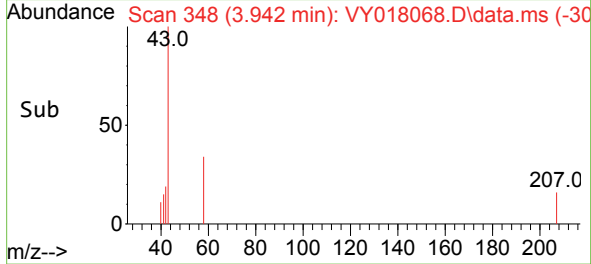
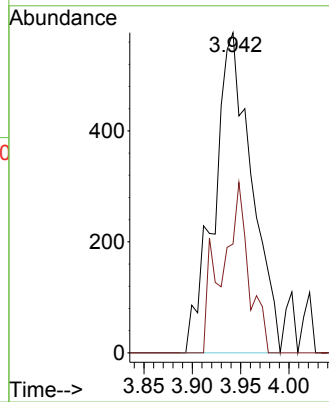
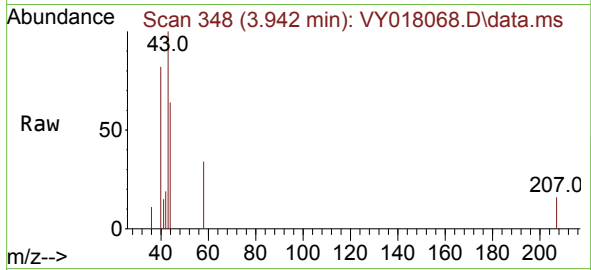
ClientSampleId :

Tgt Ion: 43 Resp: 1556

Ion Ratio Lower Upper

43 100

58 34.0 31.7 47.5



#20

Methylene Chloride

Concen: 7.562 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.018 min

Lab File: VY018068.D

Acq: 29 Apr 2024 15:00

Tgt Ion: 84 Resp: 26823

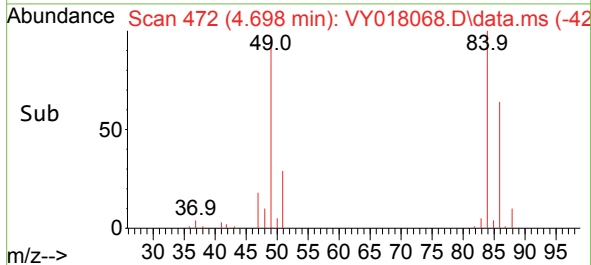
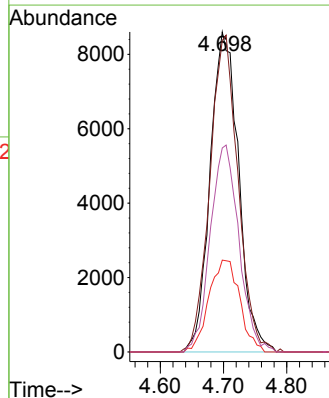
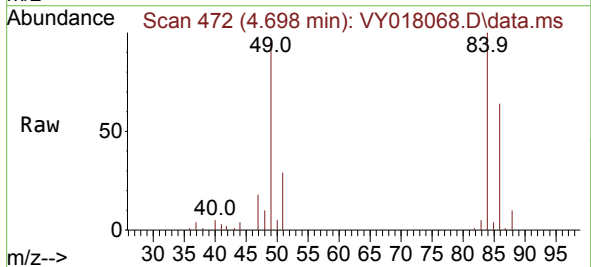
Ion Ratio Lower Upper

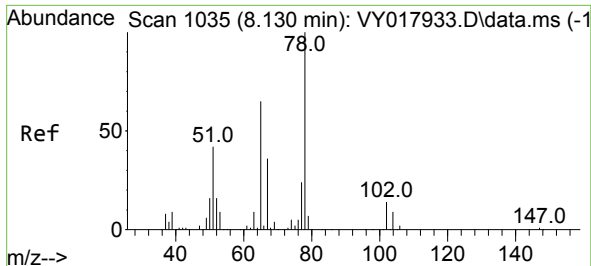
84 100

49 97.4 84.4 126.6

51 28.7 26.0 39.0

86 63.8 49.5 74.3

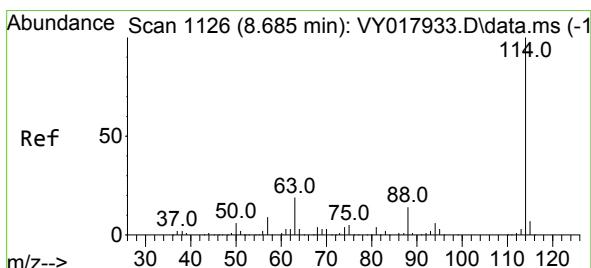
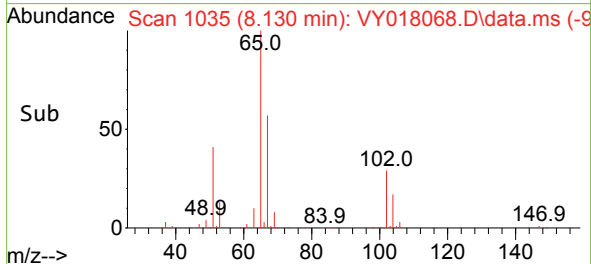
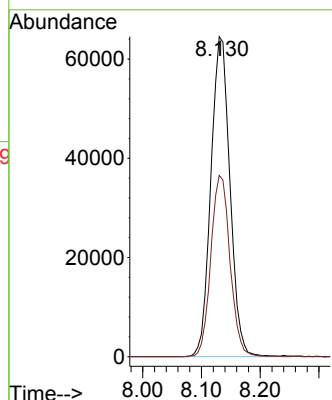
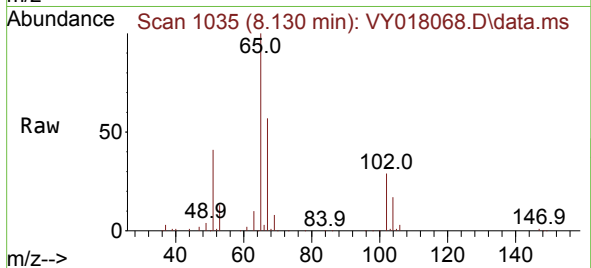




#33
 1,2-Dichloroethane-d4
 Concen: 54.858 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. -0.012 min
 Lab File: VY018068.D
 Acq: 29 Apr 2024 15:00

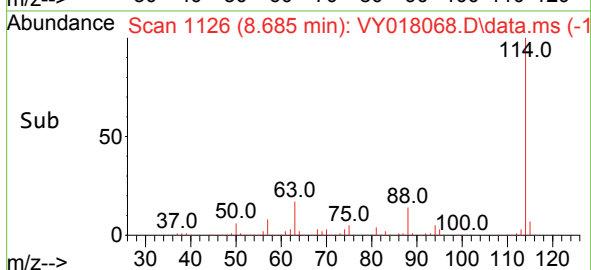
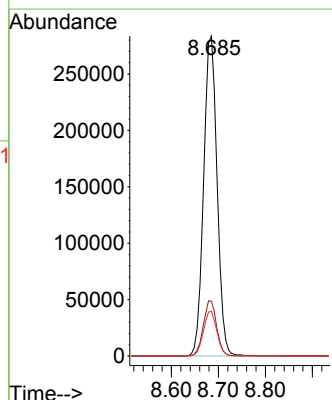
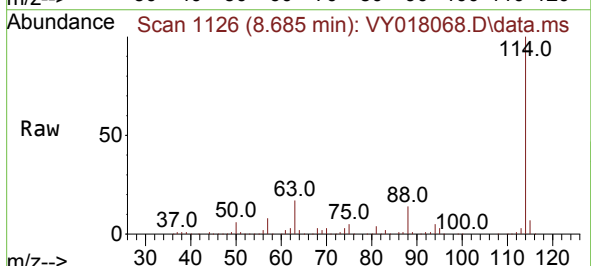
Instrument :
 MSVOA_Y
 ClientSampleId :

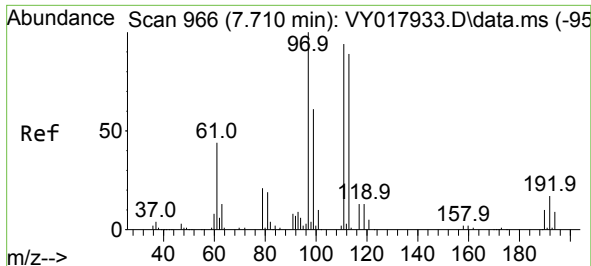
Tgt Ion: 65 Resp: 145371
 Ion Ratio Lower Upper
 65 100
 67 56.9 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY018068.D
 Acq: 29 Apr 2024 15:00

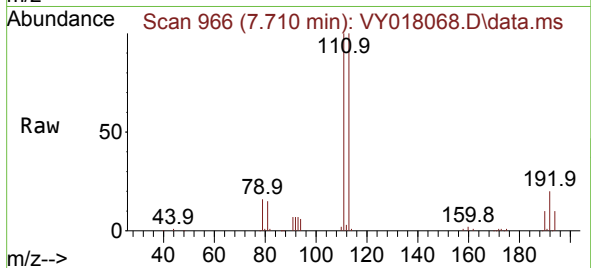
Tgt Ion: 114 Resp: 562751
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.0
 88 14.0 0.0 27.2



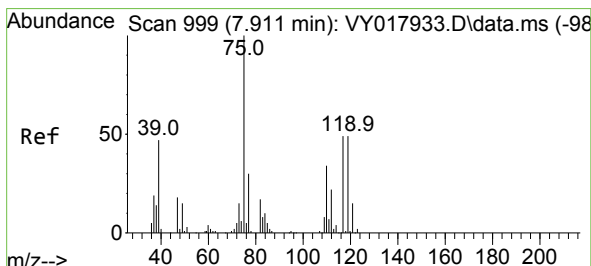
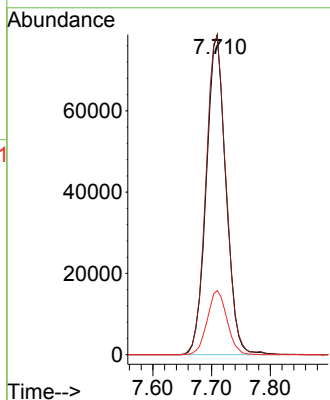
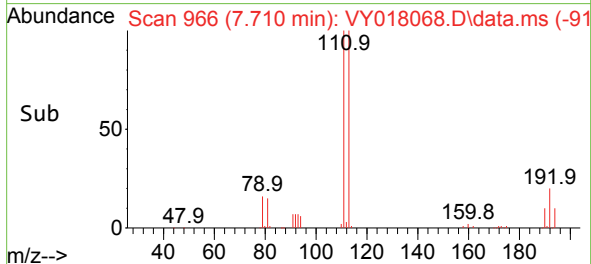


#35
Dibromofluoromethane
Concen: 52.566 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.012 min
Lab File: VY018068.D
Acq: 29 Apr 2024 15:00

Instrument :
MSVOA_Y
ClientSampleId :

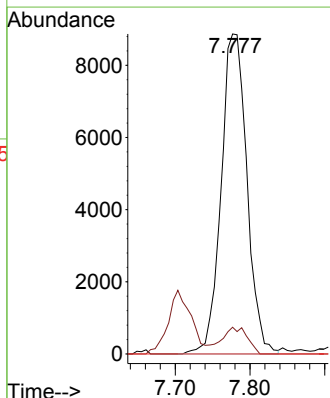
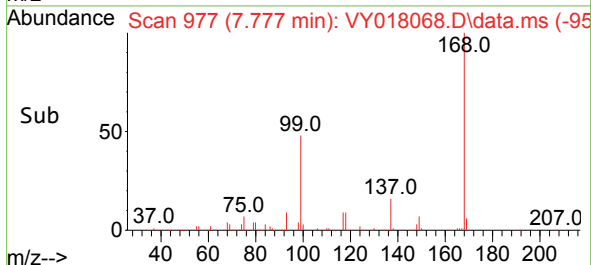
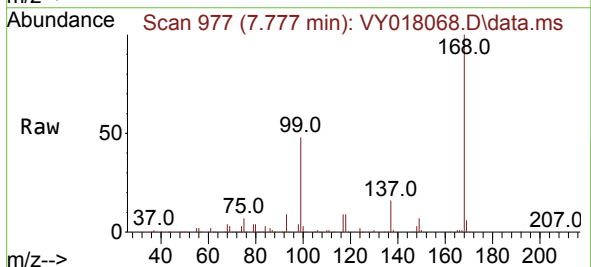


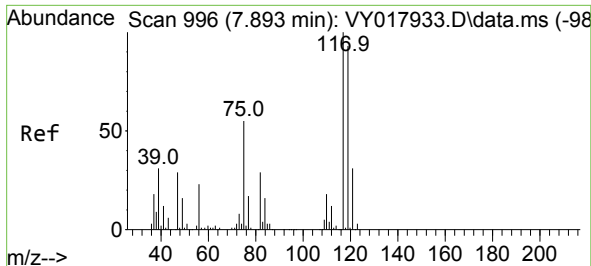
Tgt Ion:113 Resp: 182500
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 20.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.216 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.140 min
Lab File: VY018068.D
Acq: 29 Apr 2024 15:00

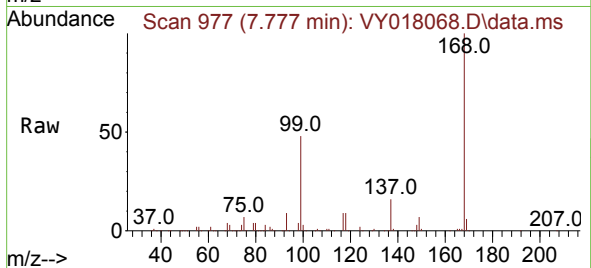
Tgt Ion: 75 Resp: 21289
Ion Ratio Lower Upper
75 100
110 8.1 19.0 57.0#
77 0.0 25.3 37.9#



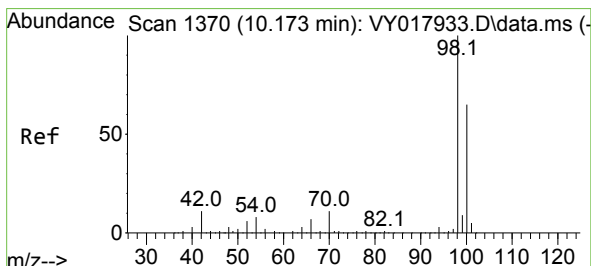
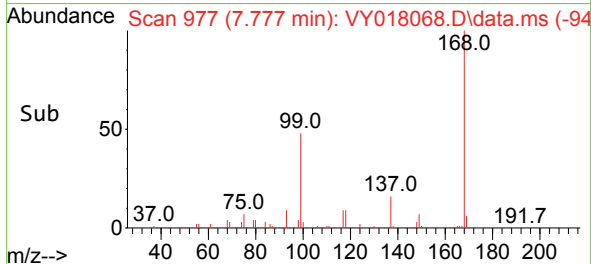
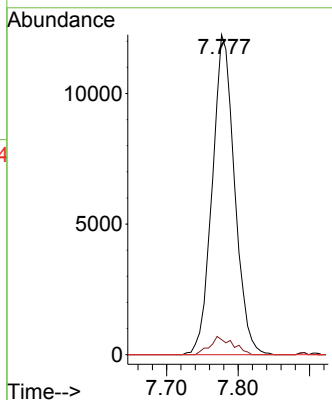


#38
Carbon Tetrachloride
Concen: 5.206 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018068.D
Acq: 29 Apr 2024 15:00

Instrument :
MSVOA_Y
ClientSampleId :

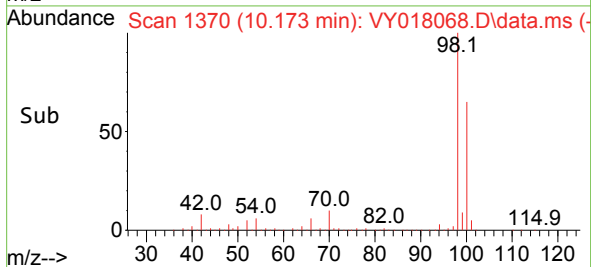
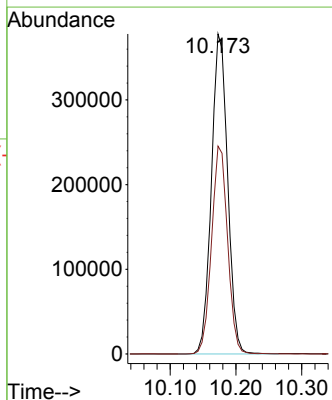
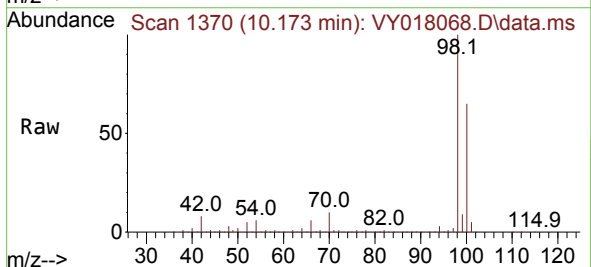


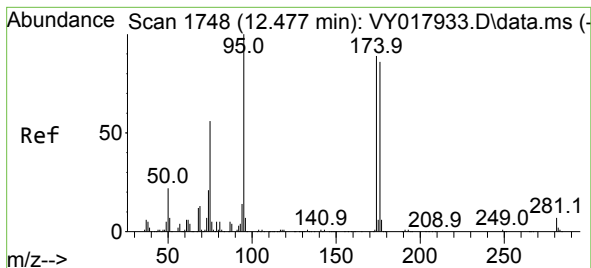
Tgt Ion:117 Resp: 26557
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.196 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY018068.D
Acq: 29 Apr 2024 15:00

Tgt Ion: 98 Resp: 648101
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

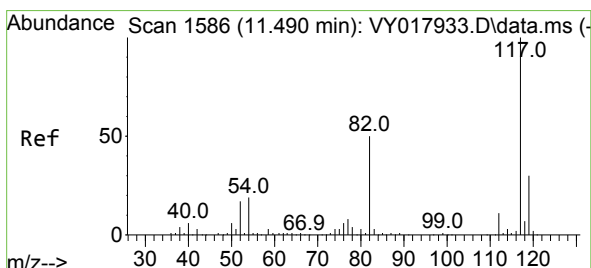
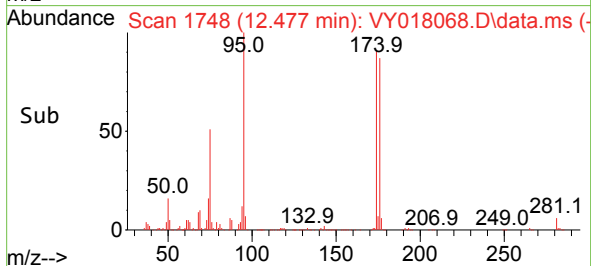
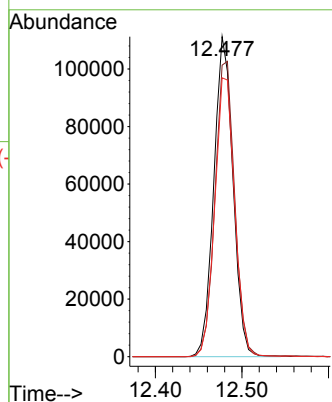
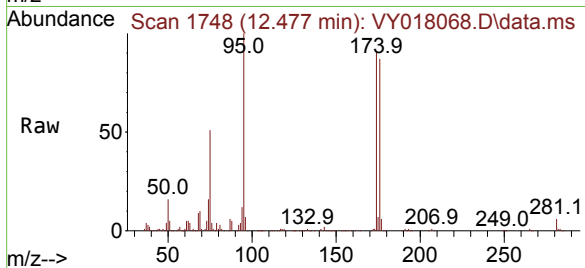




#62
4-Bromofluorobenzene
Concen: 41.892 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018068.D
Acq: 29 Apr 2024 15:00

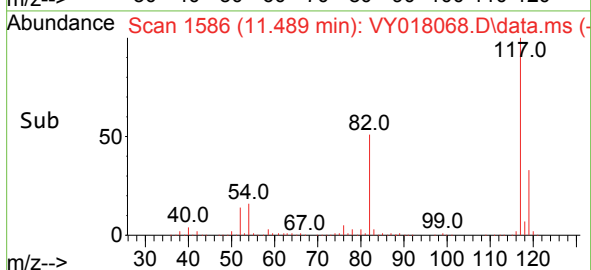
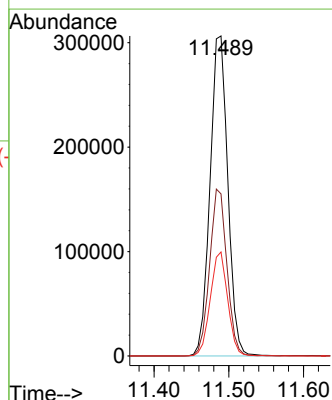
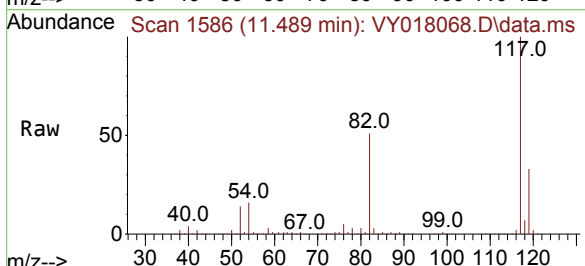
Instrument :
MSVOA_Y
ClientSampleId :

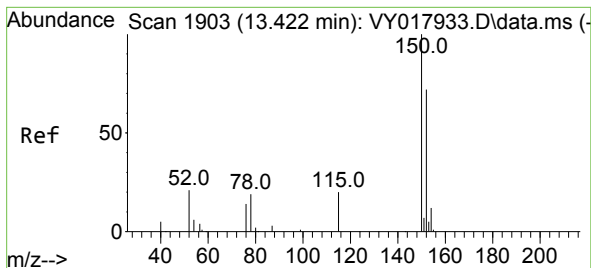
Tgt Ion: 95 Resp: 170919
Ion Ratio Lower Upper
95 100
174 94.9 0.0 175.6
176 90.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018068.D
Acq: 29 Apr 2024 15:00

Tgt Ion: 117 Resp: 505431
Ion Ratio Lower Upper
117 100
82 50.6 42.4 63.6
119 32.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY018068.D

Acq: 29 Apr 2024 15:00

Instrument :

MSVOA_Y

ClientSampleId :

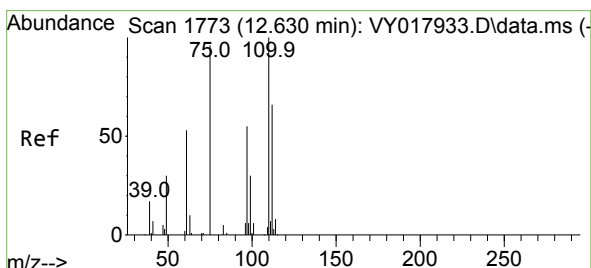
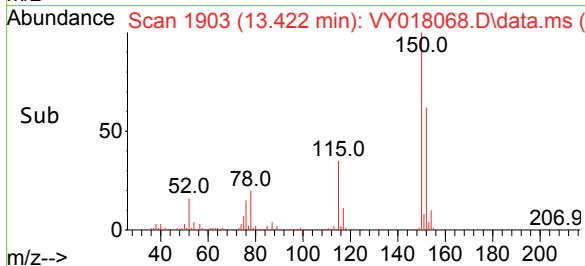
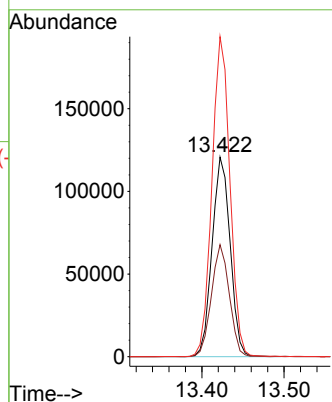
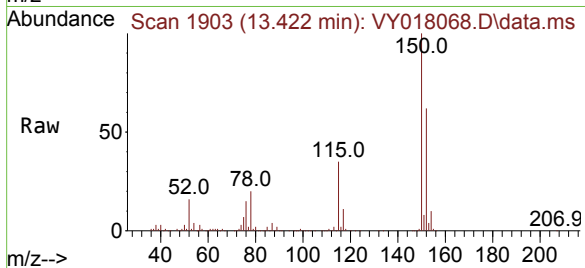
Tgt Ion:152 Resp: 184473

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 159.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 47.625 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY018068.D

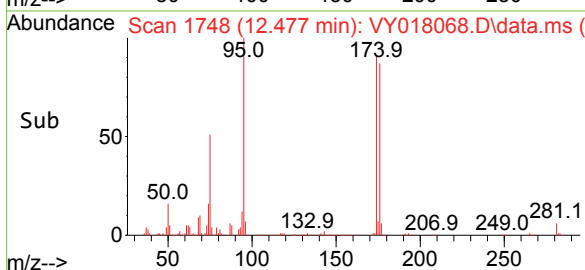
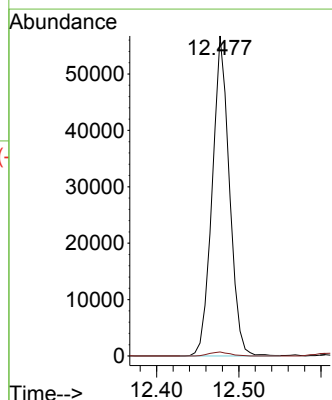
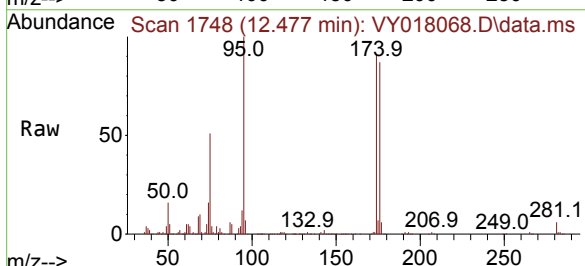
Acq: 29 Apr 2024 15:00

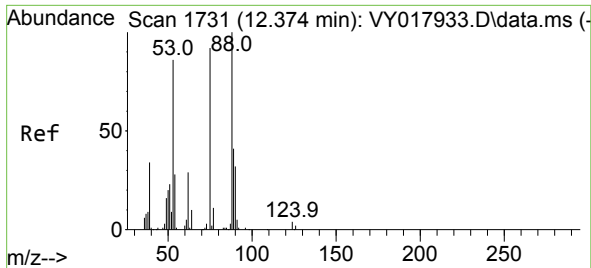
Tgt Ion: 75 Resp: 82443

Ion Ratio Lower Upper

75 100

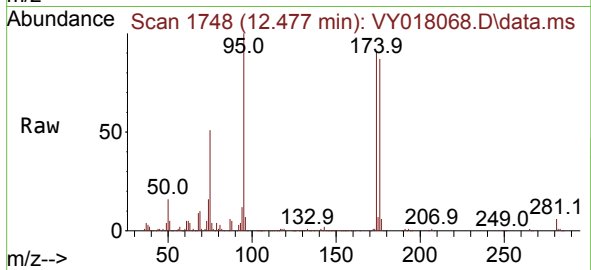
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.195 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY018068.D
 Acq: 29 Apr 2024 15:00

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 82443
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.8 100.2#
 89 0.0 35.8 53.6#

