

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018071.D
 Acq On : 29 Apr 2024 16:19
 Operator : SY/MD
 Sample : P2310-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 30 01:00:53 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)

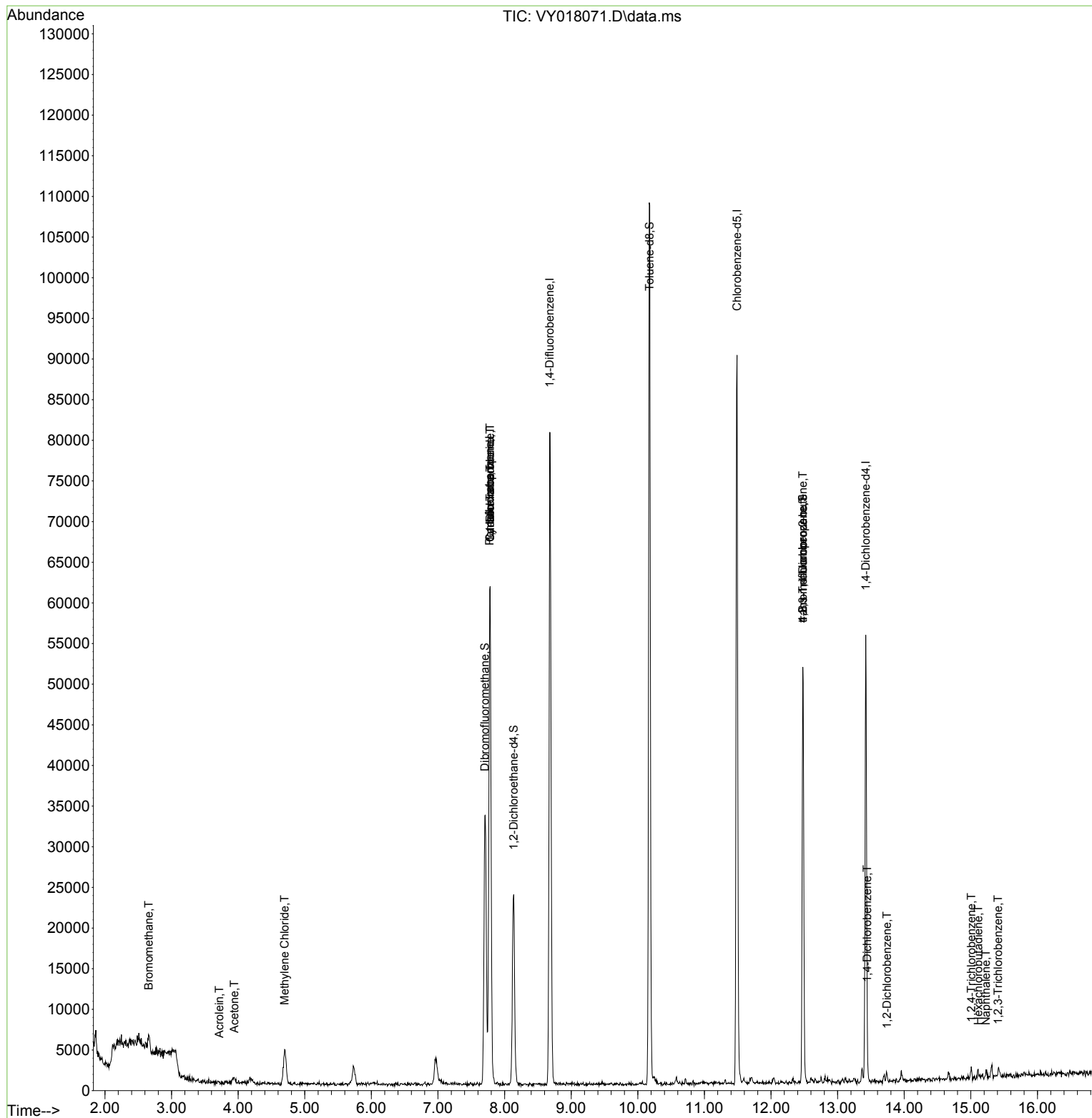
Internal Standards						
1) Pentafluorobenzene	7.777	168	51581	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.679	114	74136	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	56743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	15915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	17878	40.052	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.100%
35) Dibromofluoromethane	7.704	113	25754	56.308	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.620%
50) Toluene-d8	10.179	98	79608	45.870	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.740%
62) 4-Bromofluorobenzene	12.477	95	15977	29.725	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.460%
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	908	1.785	ug/l #	69
13) Acrolein	3.717	56	48	1.381	ug/l #	15
16) Acetone	3.942	43	1301	14.751	ug/l #	80
20) Methylene Chloride	4.698	84	3784	6.333	ug/l #	89
31) Cyclohexane	7.783	56	924	1.083	ug/l #	19
36) 1,1-Dichloropropene	7.783	75	3832	5.761	ug/l #	42
38) Carbon Tetrachloride	7.783	117	4790	7.128	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	7394	49.510	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	7394	102.080	ug/l #	16
88) 1,4-Dichlorobenzene	13.447	146	647	1.184	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	574	1.195	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	481	1.719	ug/l	88
94) Hexachlorobutadiene	15.111	225	304	1.832	ug/l	80
95) Naphthalene	15.227	128	1157	2.510	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.410	180	329	1.402	ug/l #	20

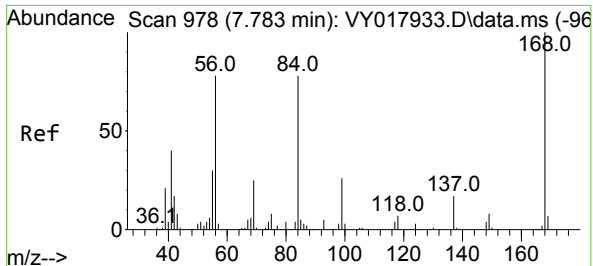
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
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Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

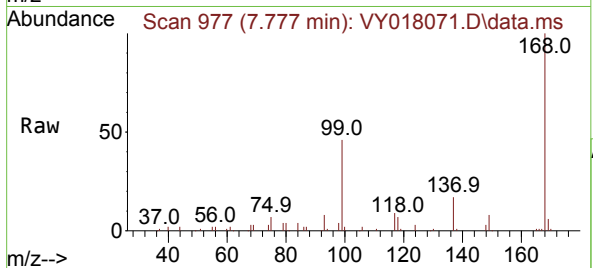
Quant Time: Apr 30 01:00:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration



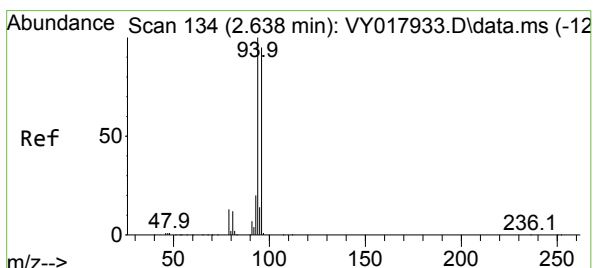
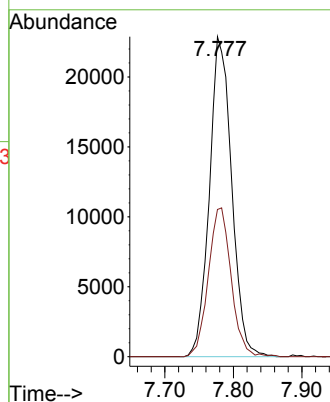
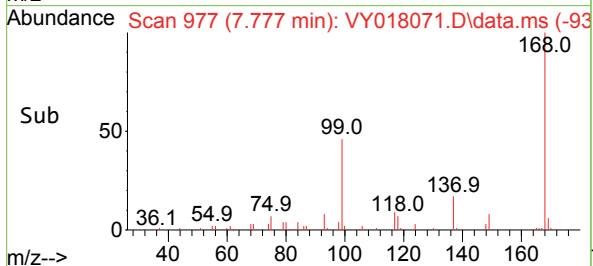


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY018071.D
Acq: 29 Apr 2024 16:19

Instrument :
MSVOA_Y
ClientSampleId :

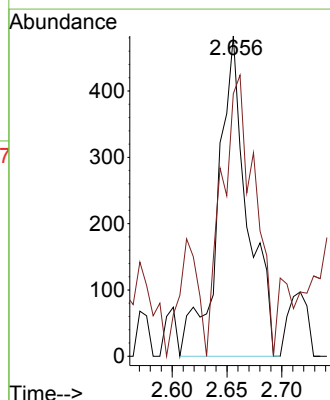
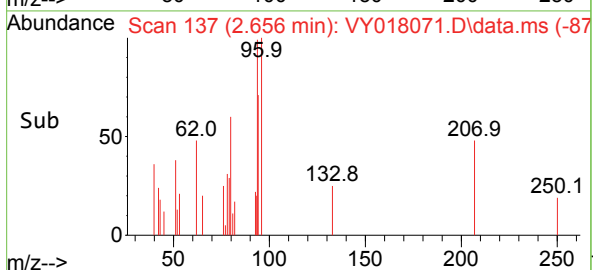
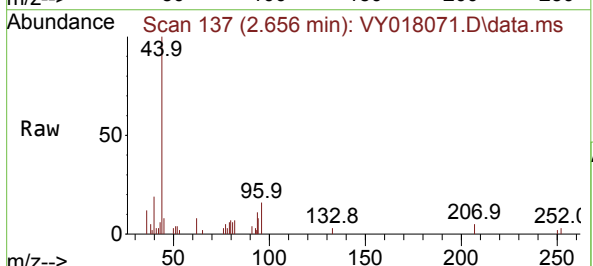


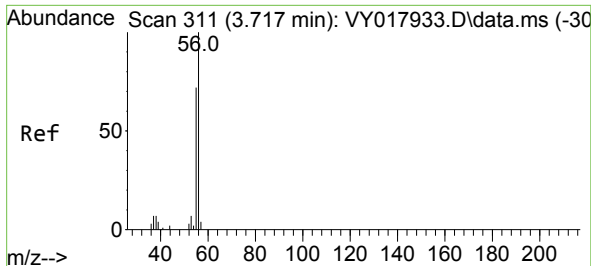
Tgt Ion:168 Resp: 51581
Ion Ratio Lower Upper
168 100
99 46.0 39.1 58.7



#5
Bromomethane
Concen: 1.785 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.006 min
Lab File: VY018071.D
Acq: 29 Apr 2024 16:19

Tgt Ion: 94 Resp: 908
Ion Ratio Lower Upper
94 100
96 62.9 74.1 111.1#





#13

Acrolein

Concen: 1.381 ug/l

RT: 3.717 min Scan# 311

Delta R.T. -0.012 min

Lab File: VY018071.D

Acq: 29 Apr 2024 16:19

Instrument :

MSVOA_Y

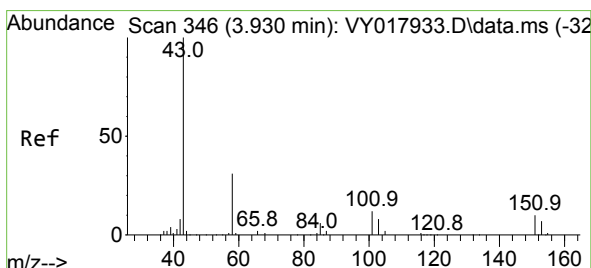
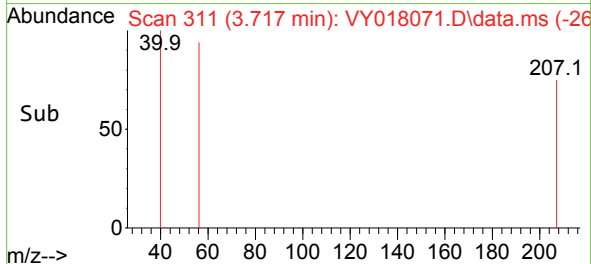
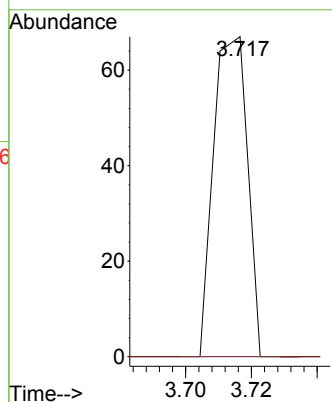
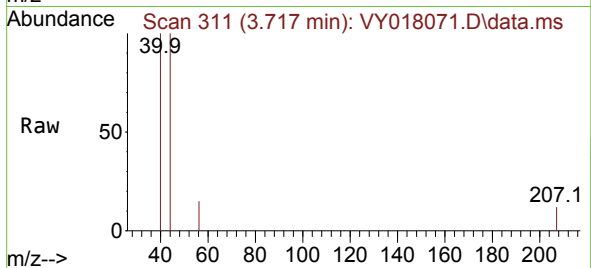
ClientSampleId :

Tgt Ion: 56 Resp: 48

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#



#16

Acetone

Concen: 14.751 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY018071.D

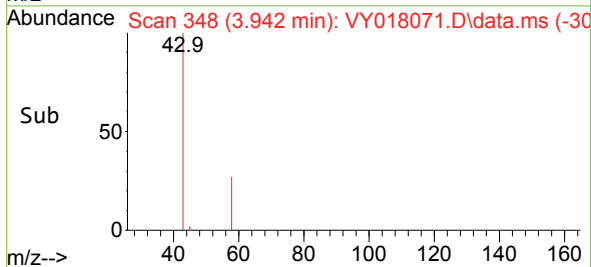
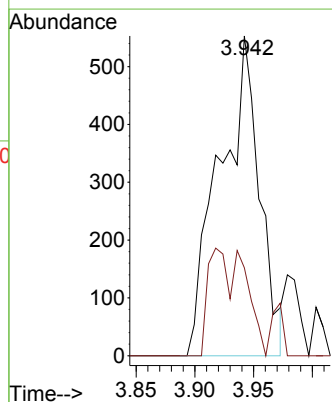
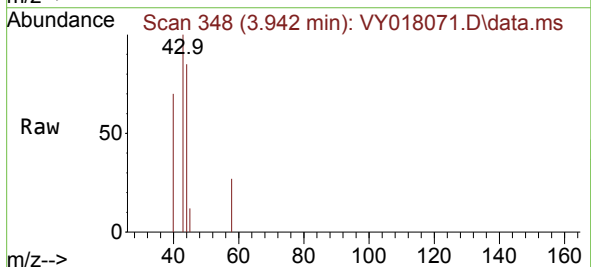
Acq: 29 Apr 2024 16:19

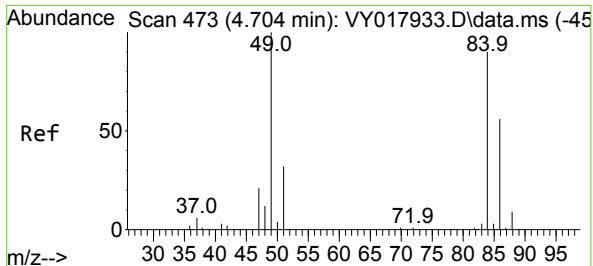
Tgt Ion: 43 Resp: 1301

Ion Ratio Lower Upper

43 100

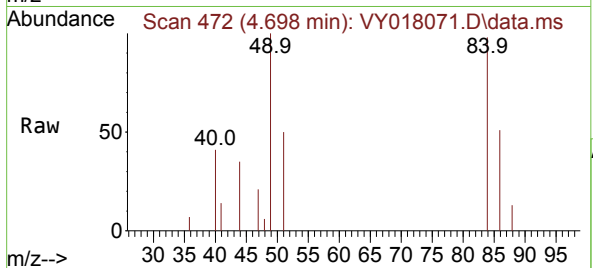
58 27.5 31.7 47.5#



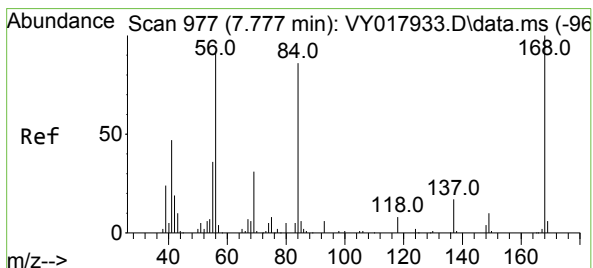
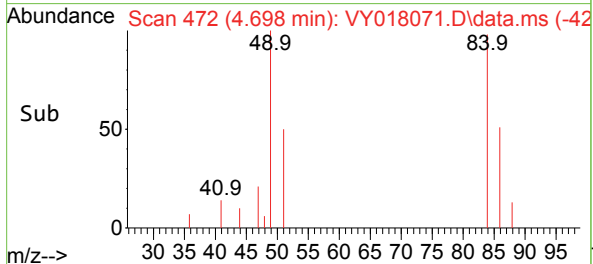
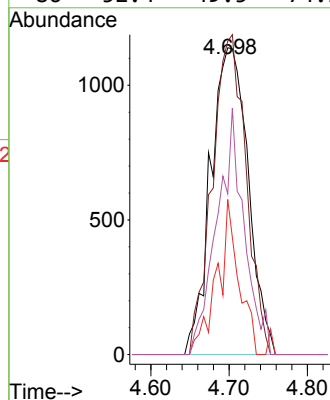


#20
Methylene Chloride
Concen: 6.333 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY018071.D
Acq: 29 Apr 2024 16:19

Instrument :
MSVOA_Y
ClientSampleId :

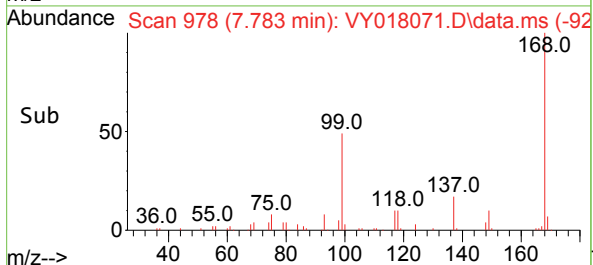
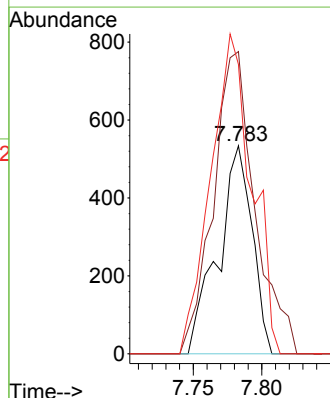
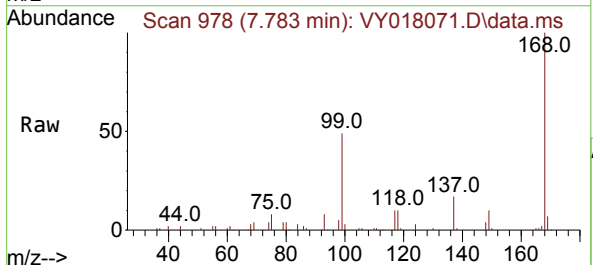


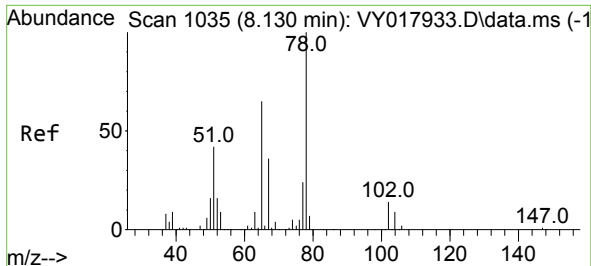
Tgt Ion: 84 Resp: 3784
Ion Ratio Lower Upper
84 100
49 102.1 84.4 126.6
51 50.6 26.0 39.0#
86 52.4 49.5 74.3



#31
Cyclohexane
Concen: 1.083 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY018071.D
Acq: 29 Apr 2024 16:19

Tgt Ion: 56 Resp: 924
Ion Ratio Lower Upper
56 100
69 145.3 28.7 43.1#
84 139.1 77.7 116.5#

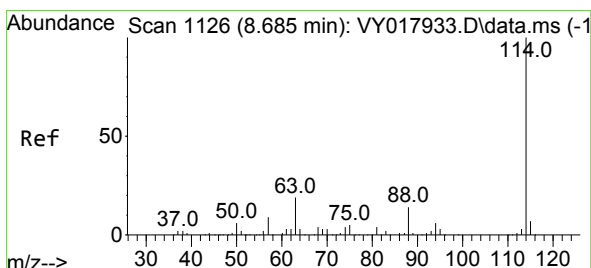
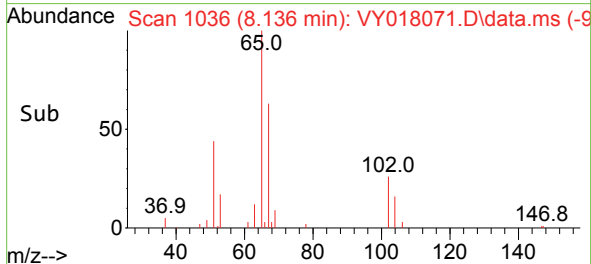
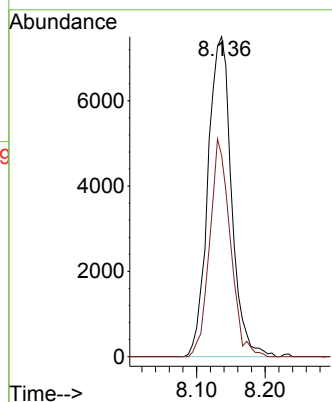
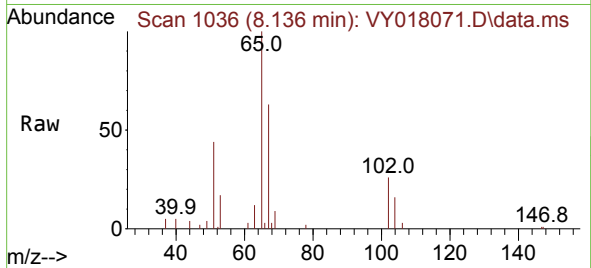




#33
1,2-Dichloroethane-d4
Concen: 40.052 ug/l
RT: 8.136 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018071.D
Acq: 29 Apr 2024 16:19

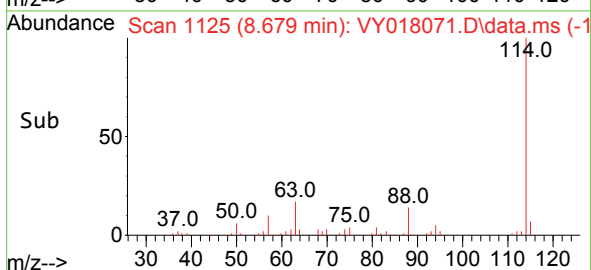
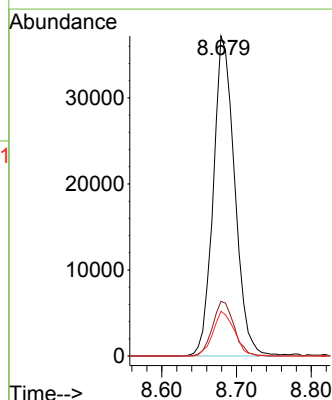
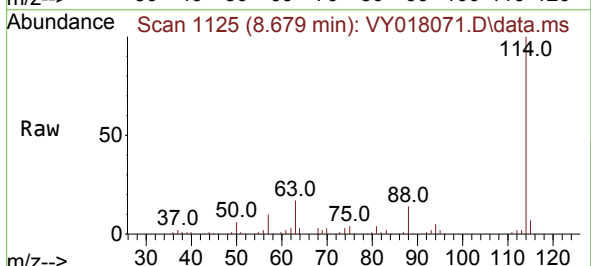
Instrument :
MSVOA_Y
ClientSampleId :

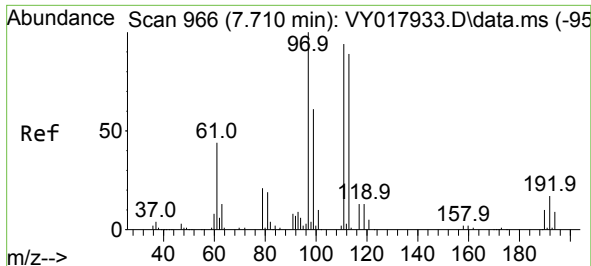
Tgt Ion: 65 Resp: 17878
Ion Ratio Lower Upper
65 100
67 59.7 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.012 min
Lab File: VY018071.D
Acq: 29 Apr 2024 16:19

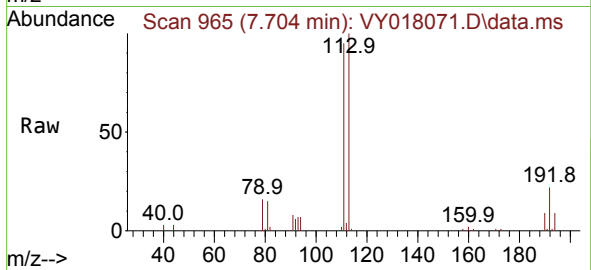
Tgt Ion:114 Resp: 74136
Ion Ratio Lower Upper
114 100
63 17.1 0.0 35.0
88 13.9 0.0 27.2



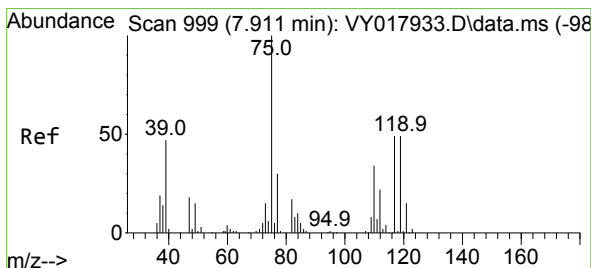
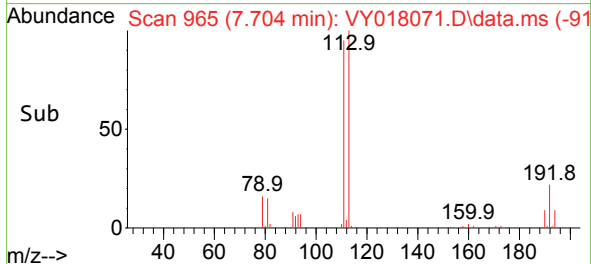
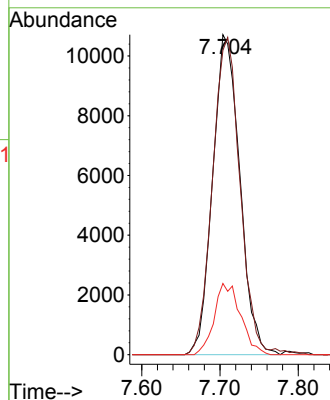


#35
Dibromofluoromethane
Concen: 56.308 ug/l
RT: 7.704 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY018071.D
Acq: 29 Apr 2024 16:19

Instrument :
MSVOA_Y
ClientSampleId :

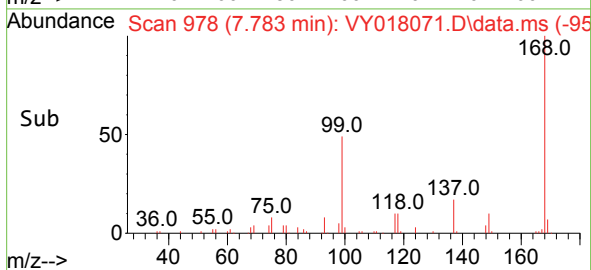
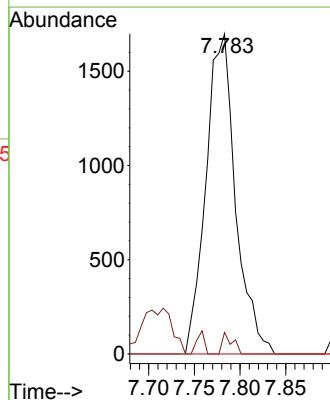
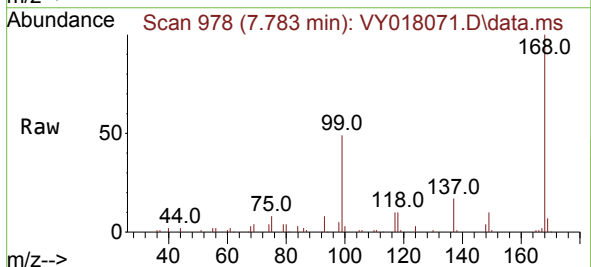


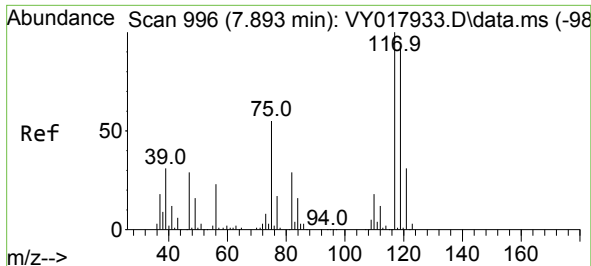
Tgt Ion:113 Resp: 25754
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 21.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.761 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY018071.D
Acq: 29 Apr 2024 16:19

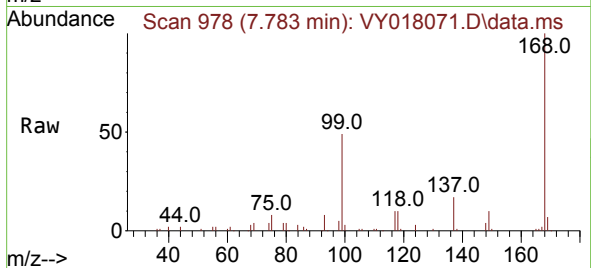
Tgt Ion: 75 Resp: 3832
Ion Ratio Lower Upper
75 100
110 2.3 19.0 57.0#
77 0.0 25.3 37.9#



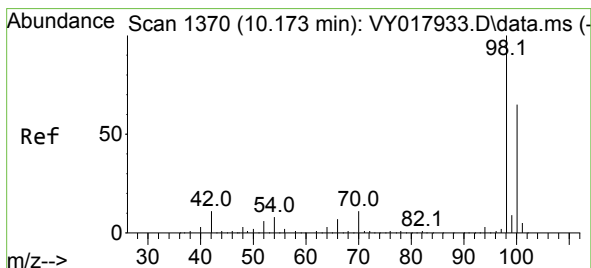
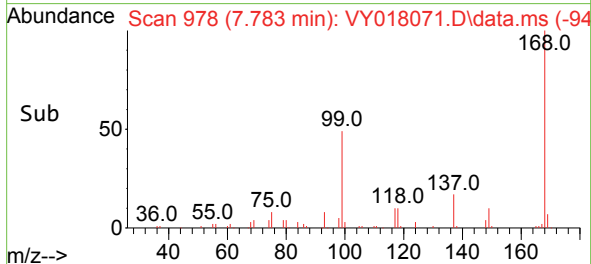
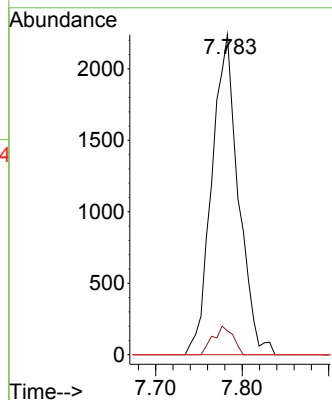


#38
Carbon Tetrachloride
Concen: 7.128 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018071.D
Acq: 29 Apr 2024 16:19

Instrument :
MSVOA_Y
ClientSampleId :

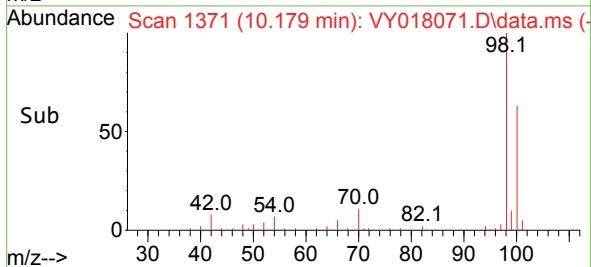
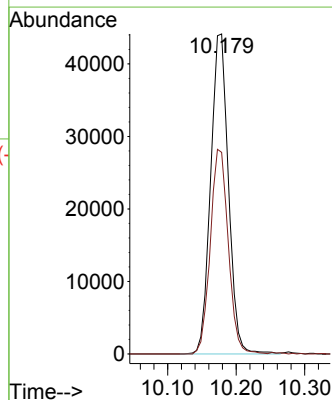
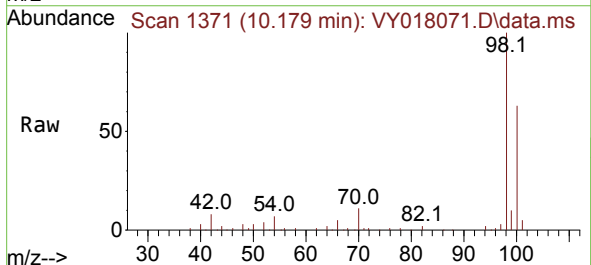


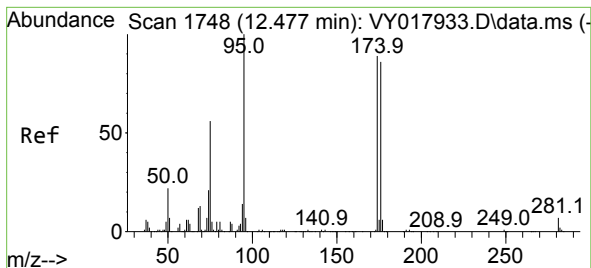
Tgt Ion:117 Resp: 4790
Ion Ratio Lower Upper
117 100
119 7.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 45.870 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018071.D
Acq: 29 Apr 2024 16:19

Tgt Ion: 98 Resp: 79608
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

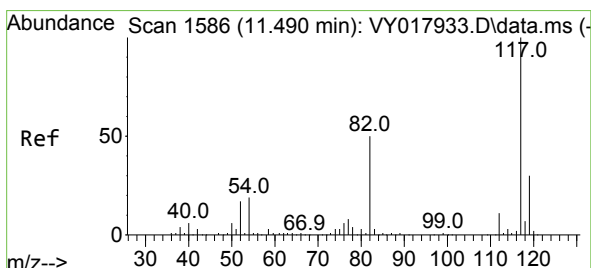
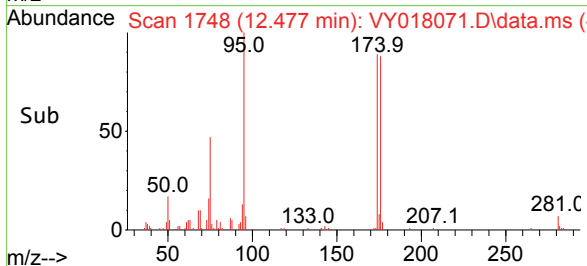
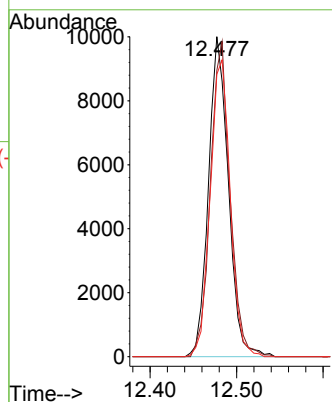
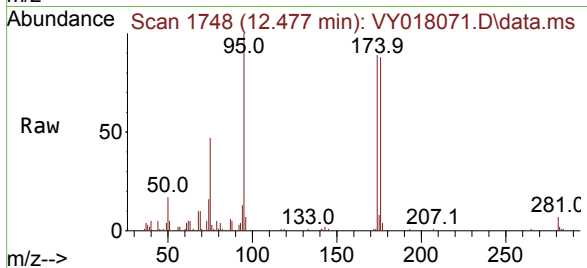




#62
4-Bromofluorobenzene
Concen: 29.725 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018071.D
Acq: 29 Apr 2024 16:19

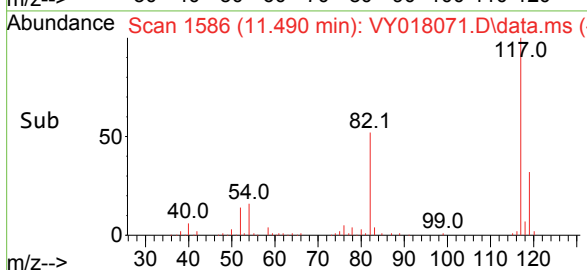
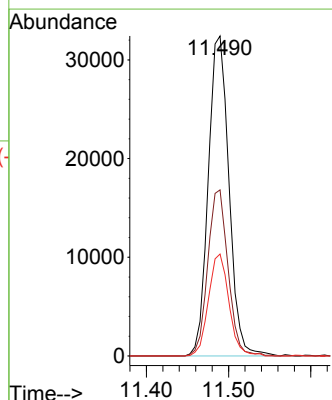
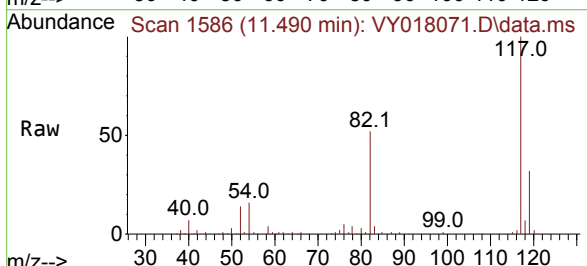
Instrument :
MSVOA_Y
ClientSampleId :

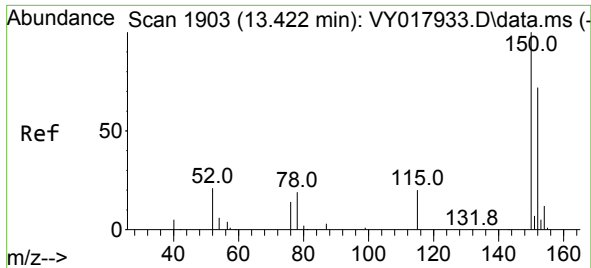
Tgt Ion: 95 Resp: 15977
Ion Ratio Lower Upper
95 100
174 97.0 0.0 175.6
176 93.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018071.D
Acq: 29 Apr 2024 16:19

Tgt Ion: 117 Resp: 56743
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 31.8 25.9 38.9

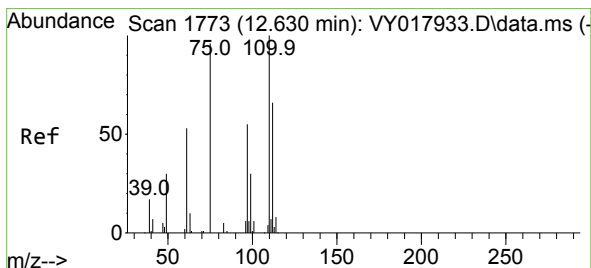
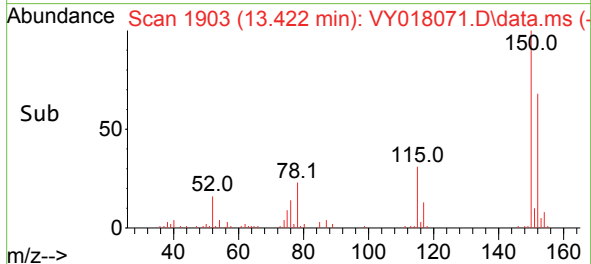
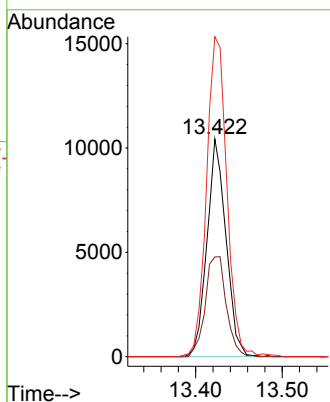
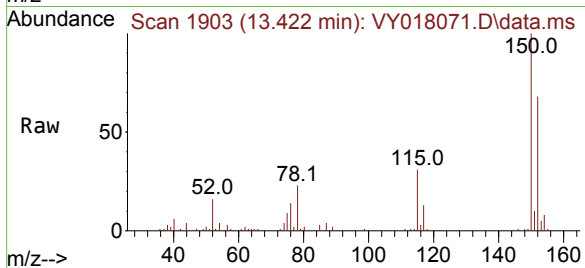




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY018071.D
Acq: 29 Apr 2024 16:19

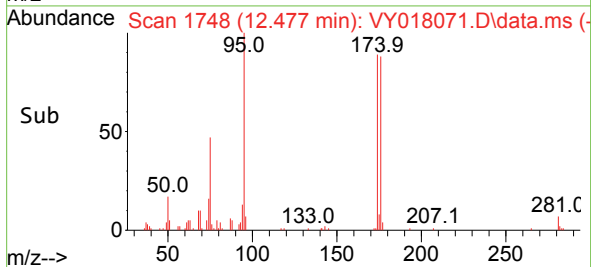
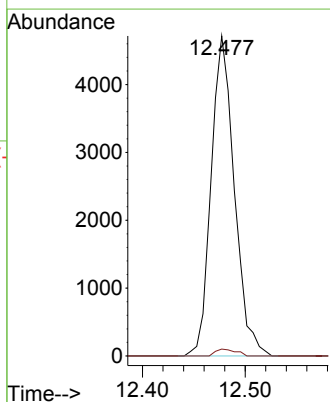
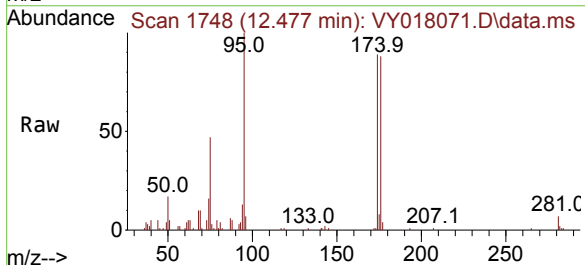
Instrument :
MSVOA_Y
ClientSampleId :

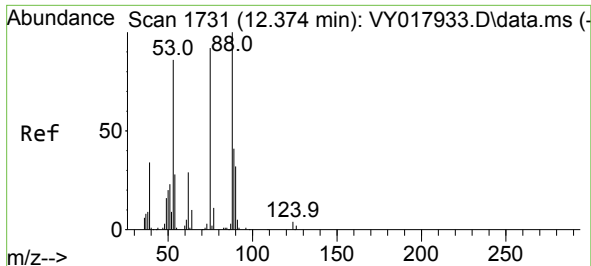
Tgt Ion:152 Resp: 15915
Ion Ratio Lower Upper
152 100
115 51.0 28.2 84.7
150 157.5 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 49.510 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY018071.D
Acq: 29 Apr 2024 16:19

Tgt Ion: 75 Resp: 7394
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#

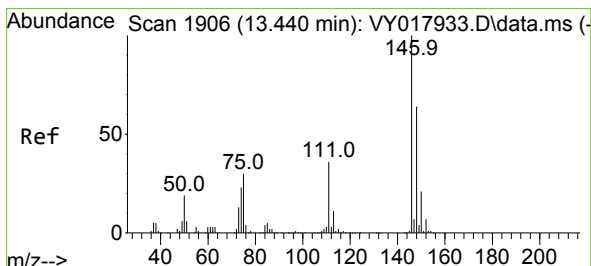
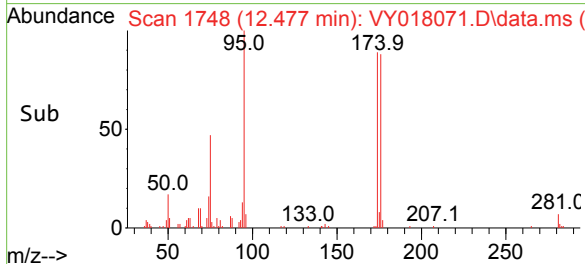
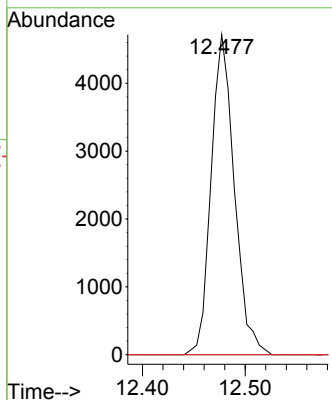
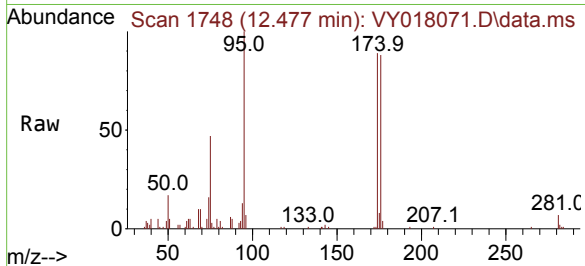




#81
trans-1,4-Dichloro-2-butene
Concen: 102.080 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY018071.D
Acq: 29 Apr 2024 16:19

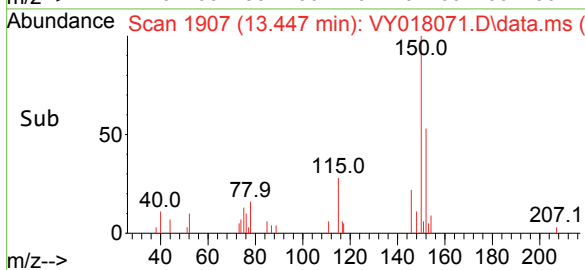
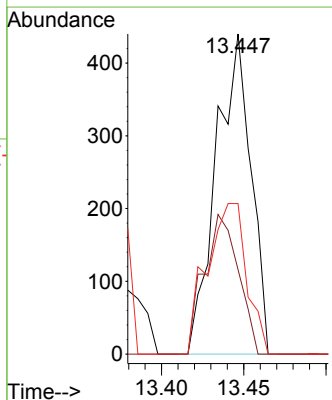
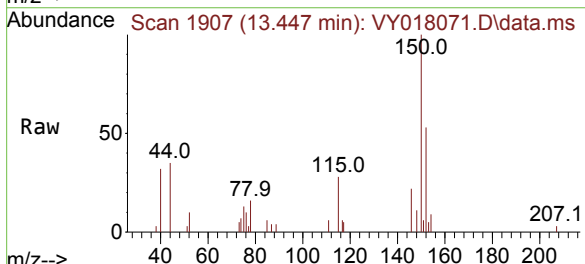
Instrument :
MSVOA_Y
ClientSampleId :

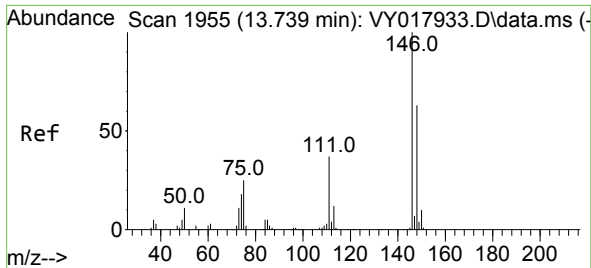
Tgt Ion: 75 Resp: 7394
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#88
1,4-Dichlorobenzene
Concen: 1.184 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY018071.D
Acq: 29 Apr 2024 16:19

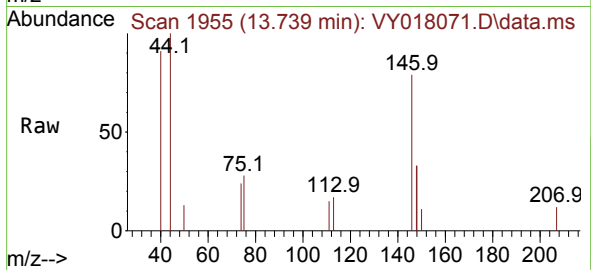
Tgt Ion:146 Resp: 647
Ion Ratio Lower Upper
146 100
111 43.0 18.4 55.4
148 53.6 32.4 97.2



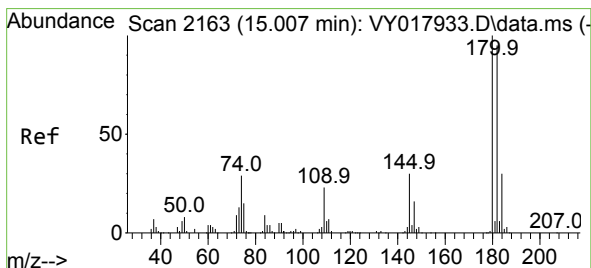
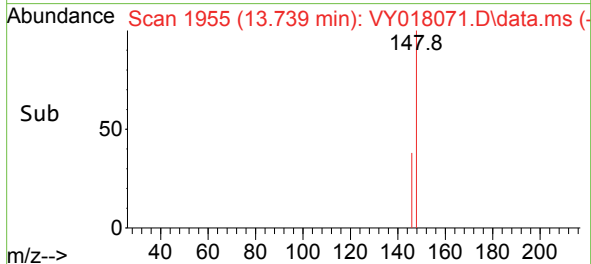
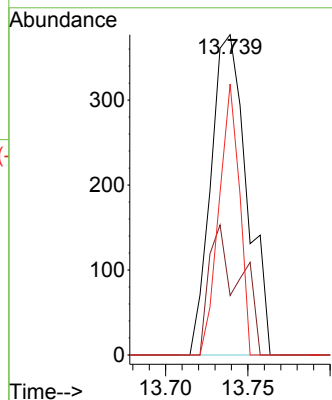


#91
1,2-Dichlorobenzene
Concen: 1.195 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY018071.D
Acq: 29 Apr 2024 16:19

Instrument :
MSVOA_Y
ClientSampleId :

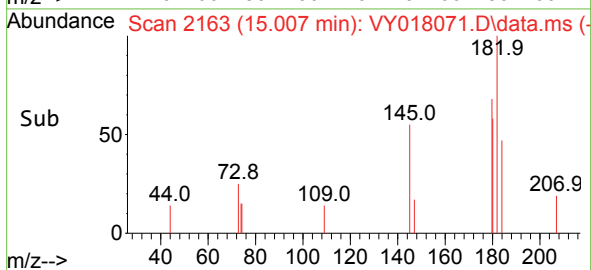
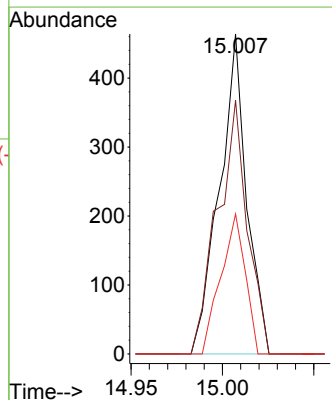
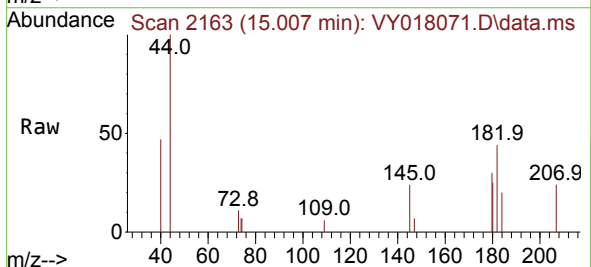


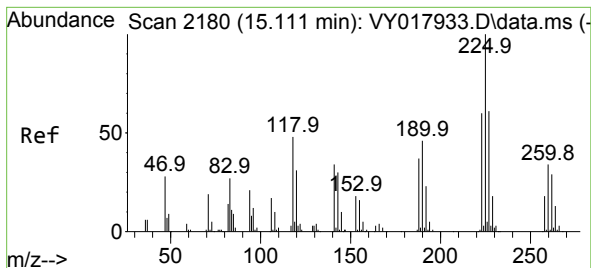
Tgt Ion:146 Resp: 574
Ion Ratio Lower Upper
146 100
111 34.5 19.9 59.7
148 48.1 31.8 95.4



#93
1,2,4-Trichlorobenzene
Concen: 1.719 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY018071.D
Acq: 29 Apr 2024 16:19

Tgt Ion:180 Resp: 481
Ion Ratio Lower Upper
180 100
182 86.7 47.9 143.8
145 39.3 14.2 42.6





#94

Hexachlorobutadiene

Concen: 1.832 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018071.D

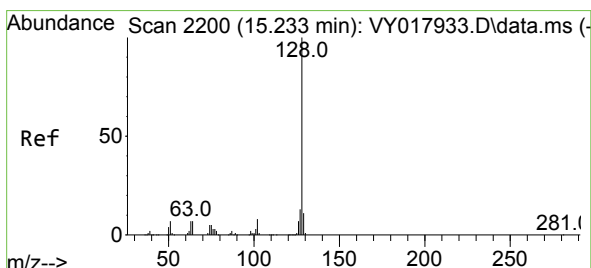
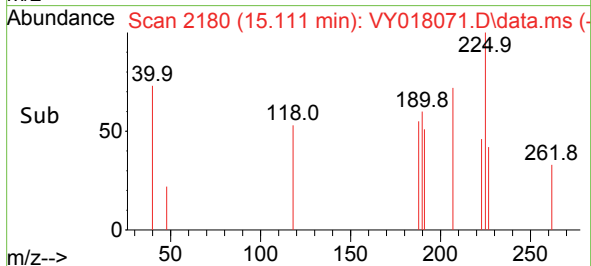
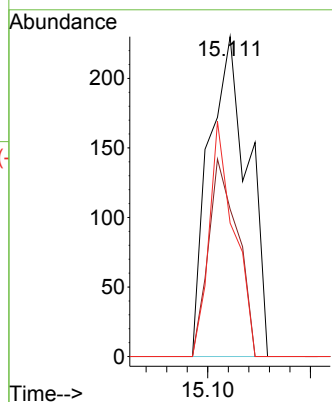
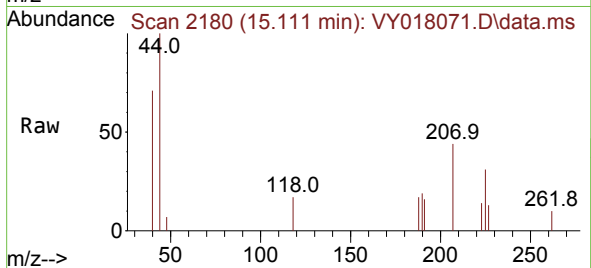
Acq: 29 Apr 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	225	Resp:	304
Ion	Ratio	Lower	Upper
225	100		
223	46.1	30.4	91.2
227	47.0	31.9	95.9



#95

Naphthalene

Concen: 2.510 ug/l

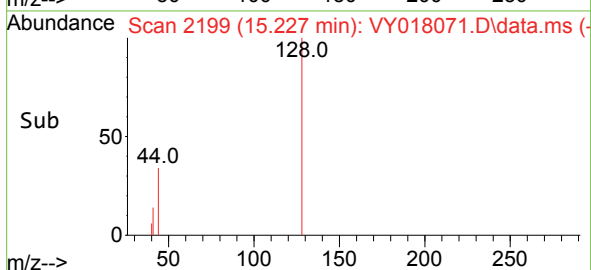
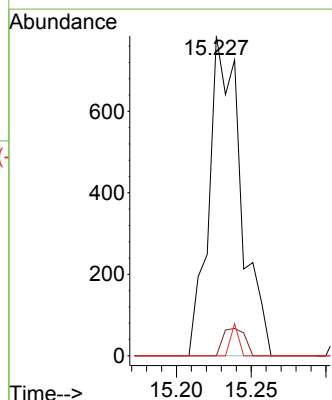
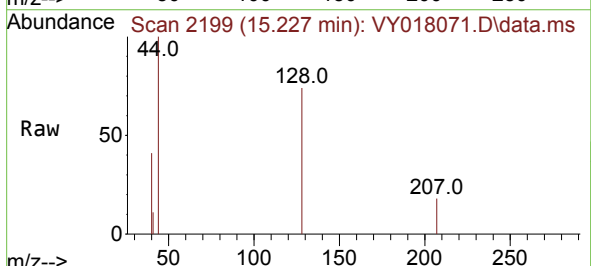
RT: 15.227 min Scan# 2199

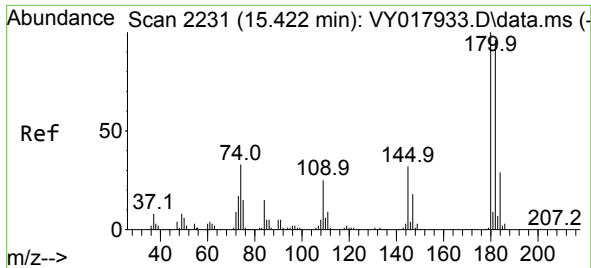
Delta R.T. -0.006 min

Lab File: VY018071.D

Acq: 29 Apr 2024 16:19

Tgt Ion:	128	Resp:	1157
Ion	Ratio	Lower	Upper
128	100		
127	5.9	10.6	16.0#
129	2.5	8.6	13.0#





#96

1,2,3-Trichlorobenzene

Concen: 1.402 ug/l

RT: 15.410 min Scan# 21

Delta R.T. -0.012 min

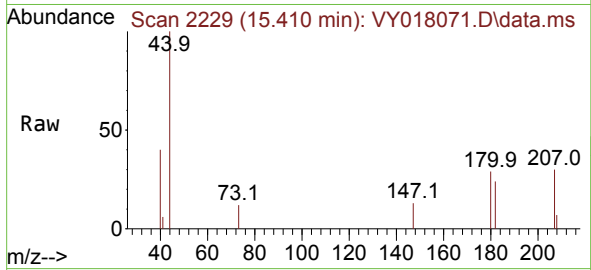
Lab File: VY018071.D

Acq: 29 Apr 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:180 Resp: 329

Ion Ratio Lower Upper

180 100

182 0.0 47.6 142.9#

145 17.9 15.4 46.1

