

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018073.D
 Acq On : 29 Apr 2024 17:07
 Operator : SY/MD
 Sample : P2283-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 30 01:01:48 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)

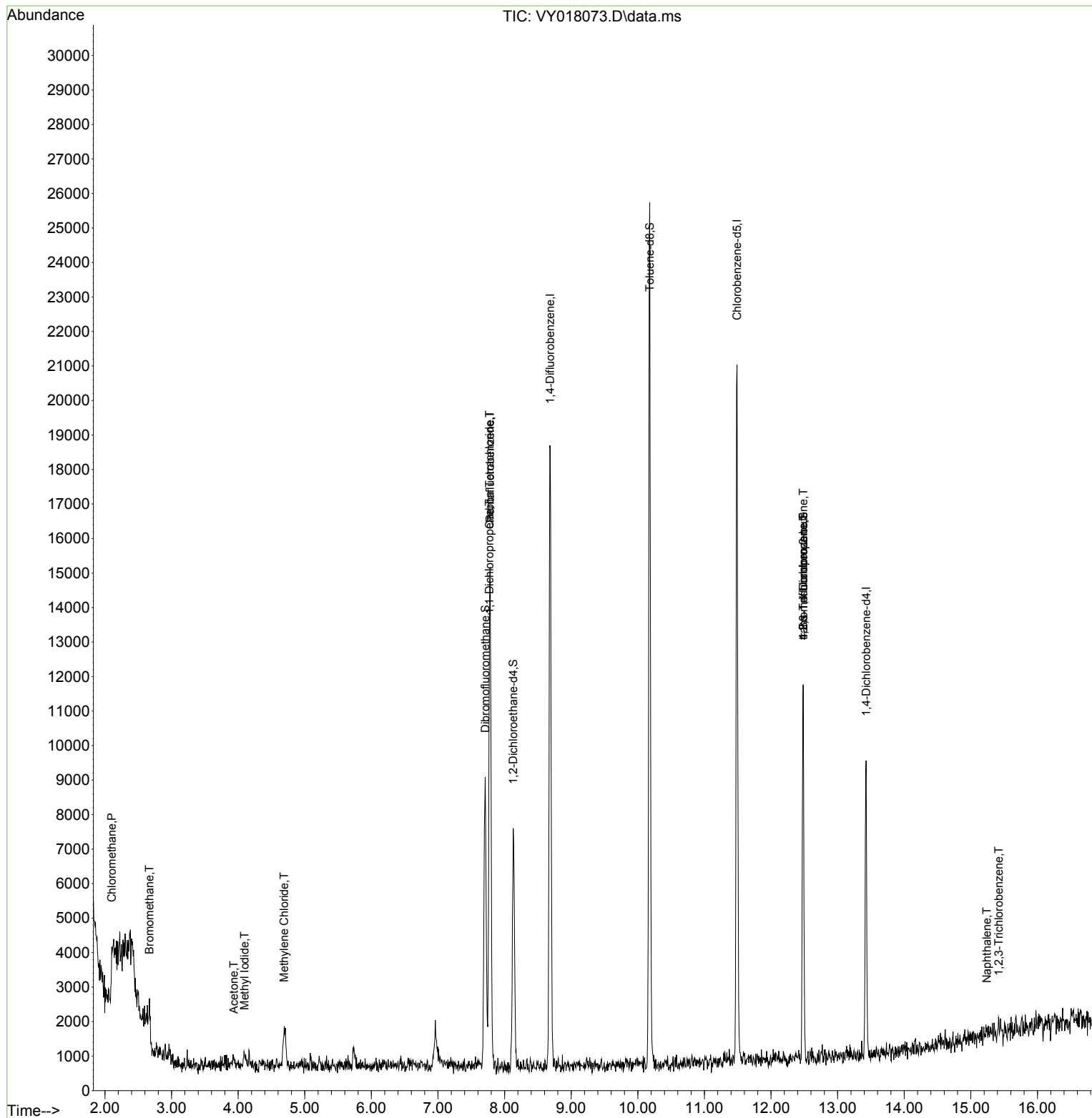
Internal Standards						
1) Pentafluorobenzene	7.783	168	13260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	17992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	13054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	5444	47.443	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.880%
35) Dibromofluoromethane	7.710	113	6301	56.766	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.540%
50) Toluene-d8	10.179	98	19010	45.134	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.260%
62) 4-Bromofluorobenzene	12.483	95	3603	27.621	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	55.240%
Target Compounds						
					Qvalue	
3) Chloromethane	2.101	50	367	2.105	ug/l #	82
5) Bromomethane	2.668	94	480	3.671	ug/l	95
10) Methyl Iodide	4.094	142	466	2.540	ug/l #	71
16) Acetone	3.936	43	392	17.289	ug/l #	36
20) Methylene Chloride	4.692	84	977	6.360	ug/l #	72
36) 1,1-Dichloropropene	7.771	75	841	5.210	ug/l #	40
38) Carbon Tetrachloride	7.777	117	1181	7.241	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	1698	67.771	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1698	139.732	ug/l #	17
95) Naphthalene	15.239	128	104	1.345	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.422	180	61	1.549	ug/l #	47

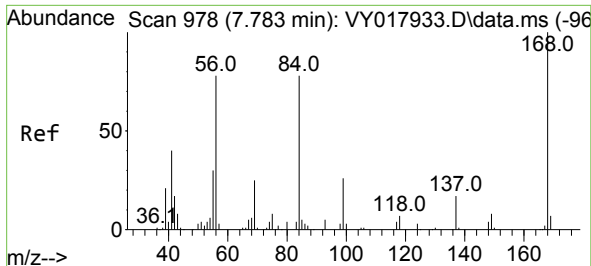
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
Data File : VY018073.D
Acq On : 29 Apr 2024 17:07
Operator : SY/MD
Sample : P2283-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

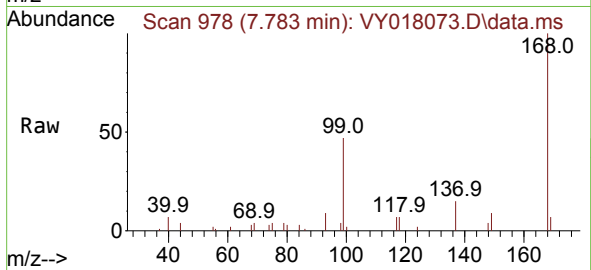
Quant Time: Apr 30 01:01:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration



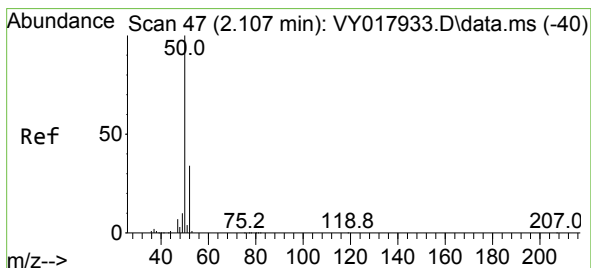
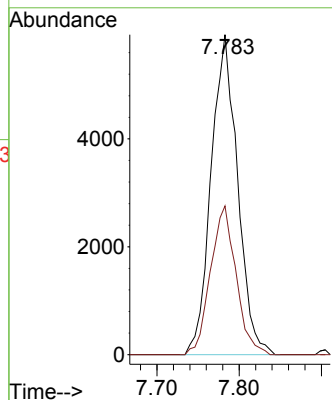
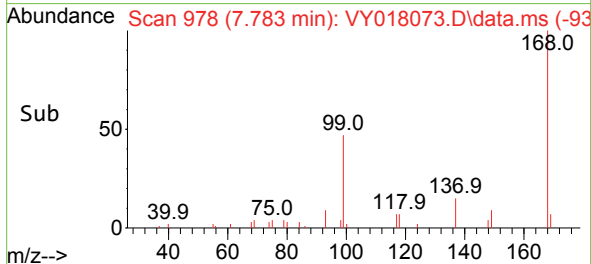


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018073.D
Acq: 29 Apr 2024 17:07

Instrument :
MSVOA_Y
ClientSampleId :

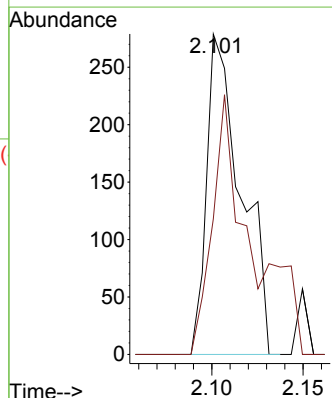
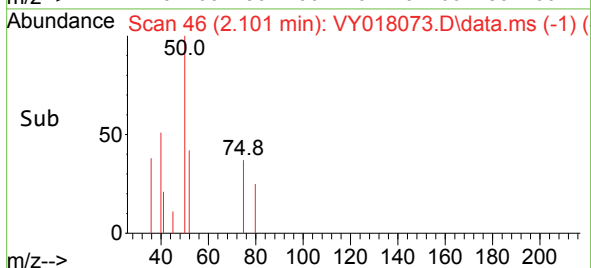
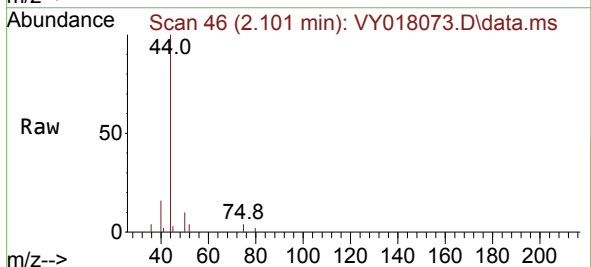


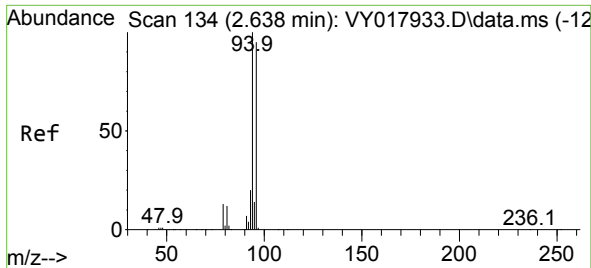
Tgt Ion:168 Resp: 13260
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#3
Chloromethane
Concen: 2.105 ug/l
RT: 2.101 min Scan# 46
Delta R.T. -0.012 min
Lab File: VY018073.D
Acq: 29 Apr 2024 17:07

Tgt Ion: 50 Resp: 367
Ion Ratio Lower Upper
50 100
52 42.3 25.6 38.4#

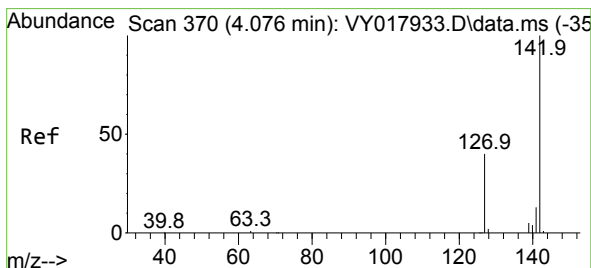
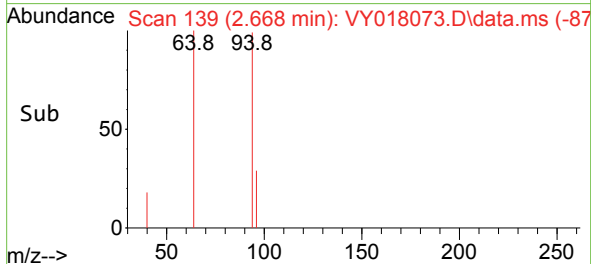
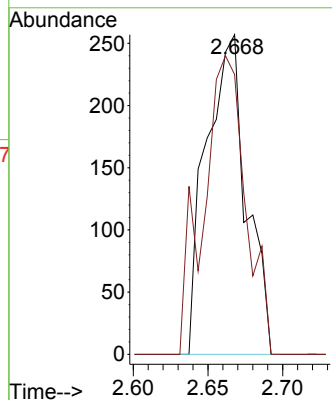
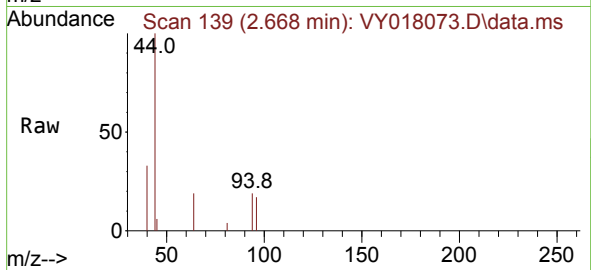




#5
Bromomethane
Concen: 3.671 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY018073.D
Acq: 29 Apr 2024 17:07

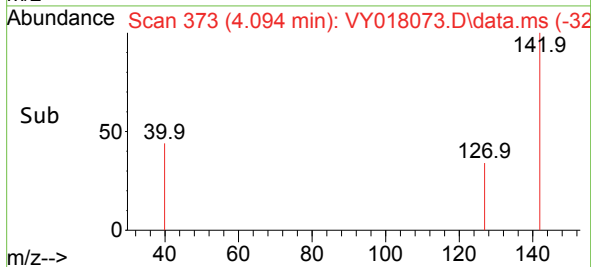
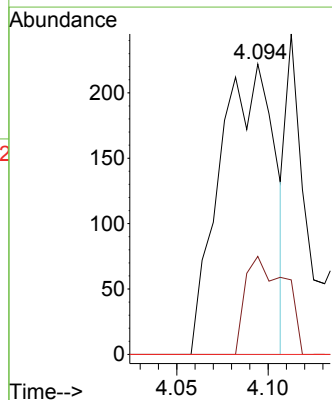
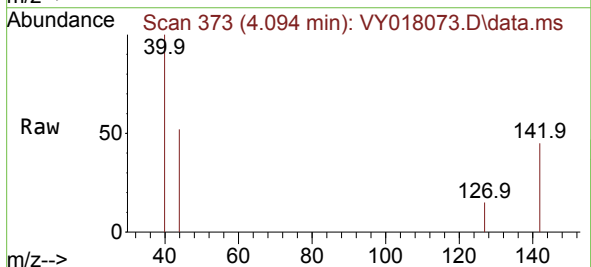
Instrument :
MSVOA_Y
ClientSampleId :

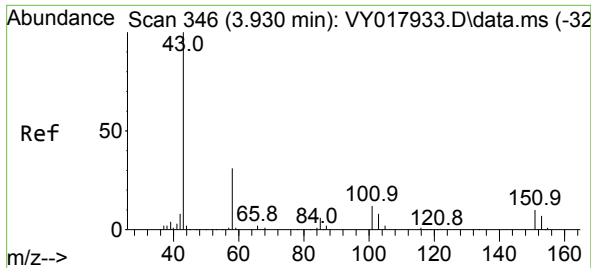
Tgt Ion: 94 Resp: 480
Ion Ratio Lower Upper
94 100
96 87.5 74.1 111.1



#10
Methyl Iodide
Concen: 2.540 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY018073.D
Acq: 29 Apr 2024 17:07

Tgt Ion:142 Resp: 466
Ion Ratio Lower Upper
142 100
127 24.2 32.8 49.2#
141 0.0 11.4 17.2#

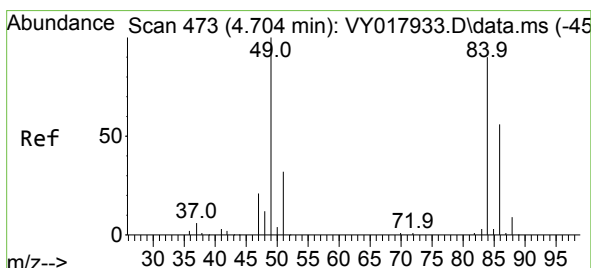
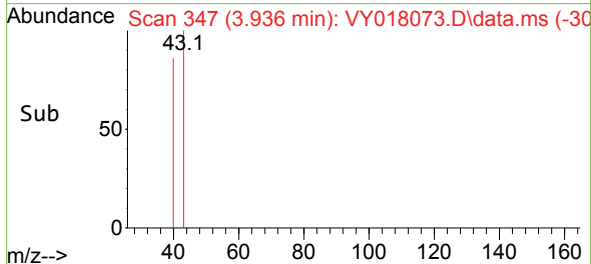
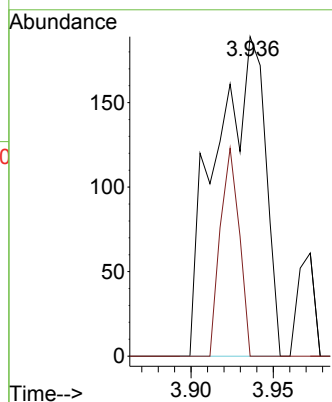
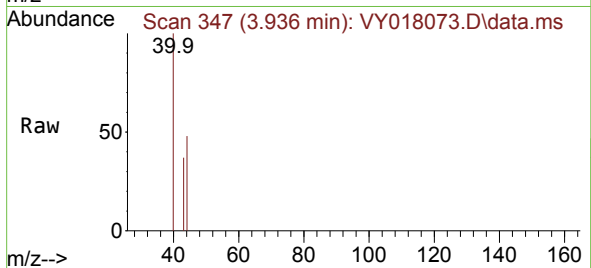




#16
Acetone
Concen: 17.289 ug/l
RT: 3.936 min Scan# 346
Delta R.T. -0.012 min
Lab File: VY018073.D
Acq: 29 Apr 2024 17:07

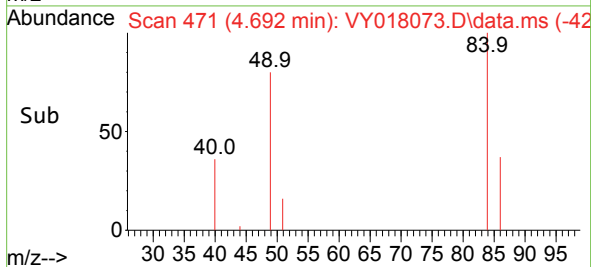
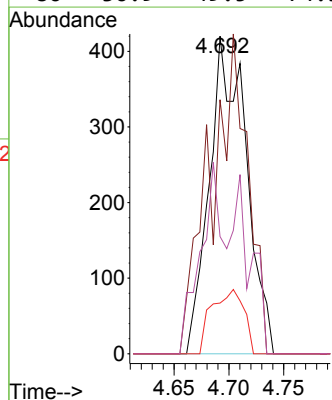
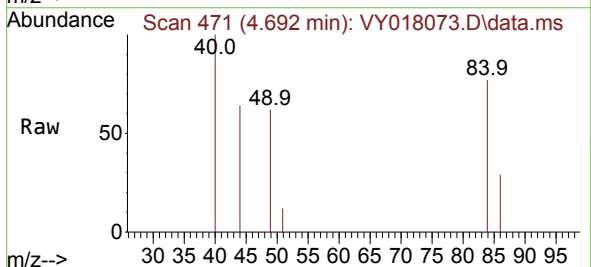
Instrument :
MSVOA_Y
ClientSampleId :

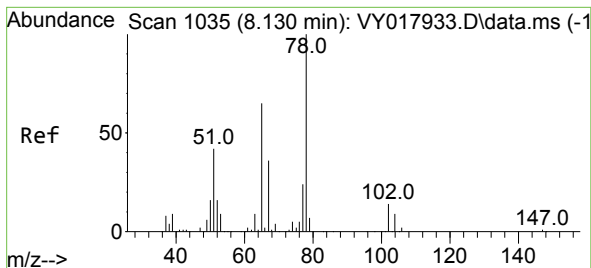
Tgt Ion: 43 Resp: 392
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: 6.360 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.024 min
Lab File: VY018073.D
Acq: 29 Apr 2024 17:07

Tgt Ion: 84 Resp: 977
Ion Ratio Lower Upper
84 100
49 80.0 84.4 126.6#
51 16.0 26.0 39.0#
86 36.9 49.5 74.3#





#33

1,2-Dichloroethane-d4

Concen: 47.443 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.012 min

Lab File: VY018073.D

Acq: 29 Apr 2024 17:07

Instrument :

MSVOA_Y

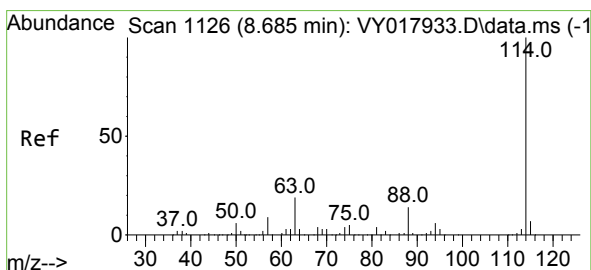
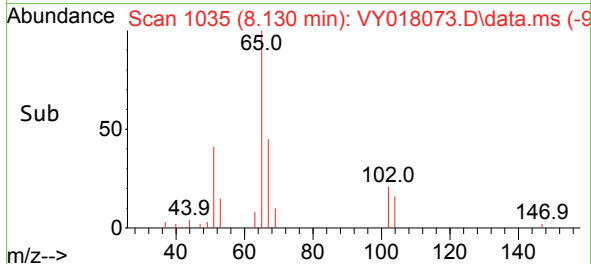
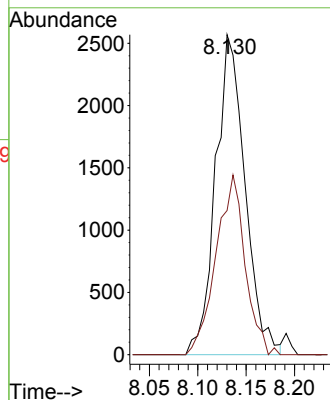
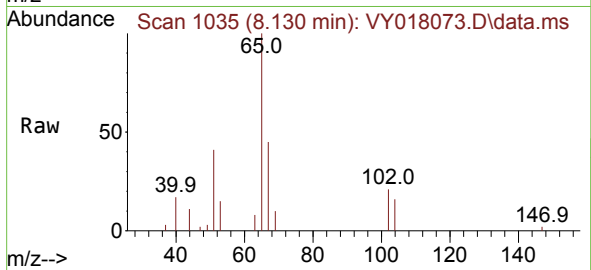
ClientSampleId :

Tgt Ion: 65 Resp: 5444

Ion Ratio Lower Upper

65 100

67 55.4 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: VY018073.D

Acq: 29 Apr 2024 17:07

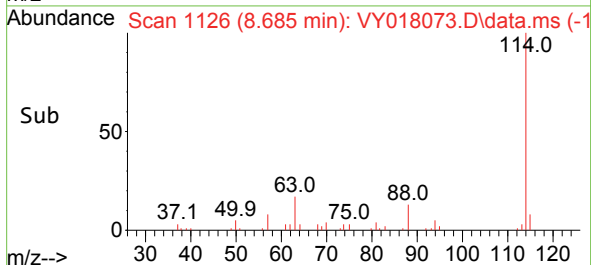
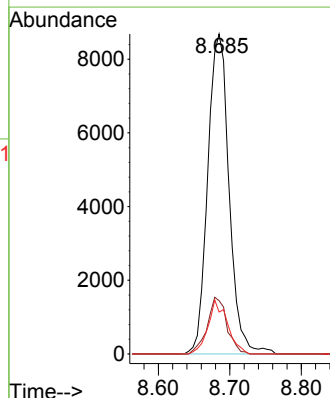
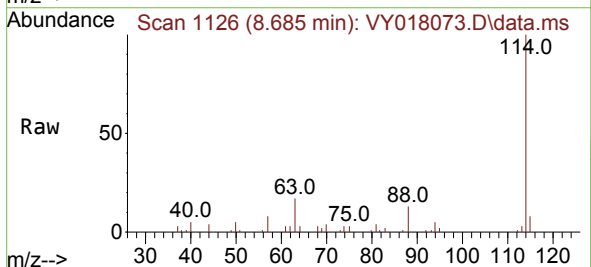
Tgt Ion: 114 Resp: 17992

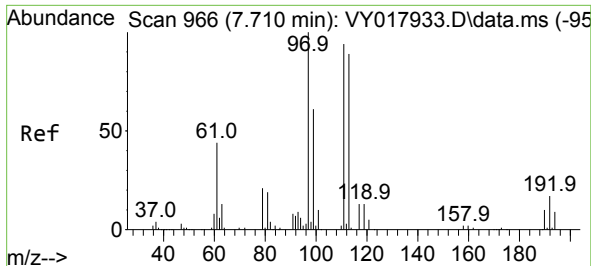
Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

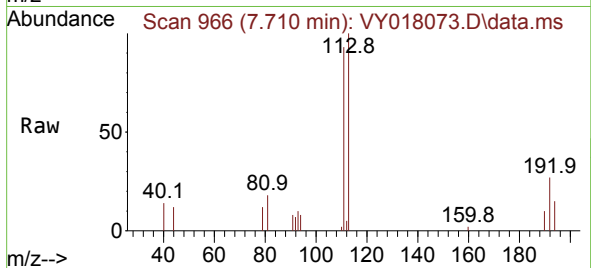
88 13.1 0.0 27.2



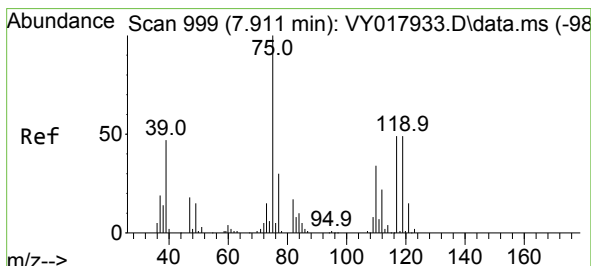
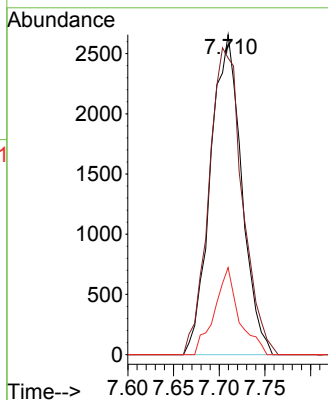
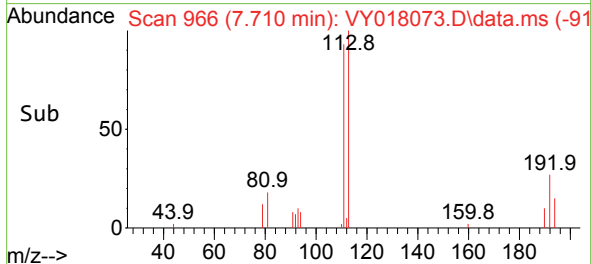


#35
Dibromofluoromethane
Concen: 56.766 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY018073.D
Acq: 29 Apr 2024 17:07

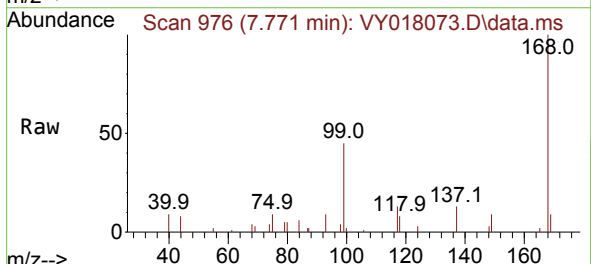
Instrument :
MSVOA_Y
ClientSampleId :



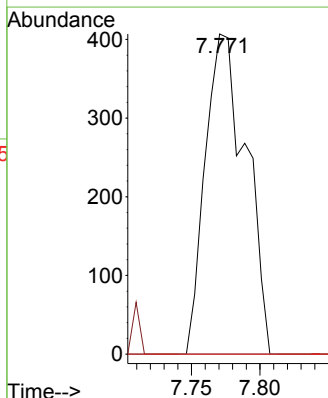
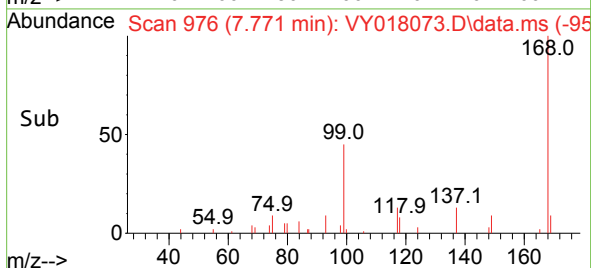
Tgt Ion:113 Resp: 6301
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 21.5 15.9 23.9

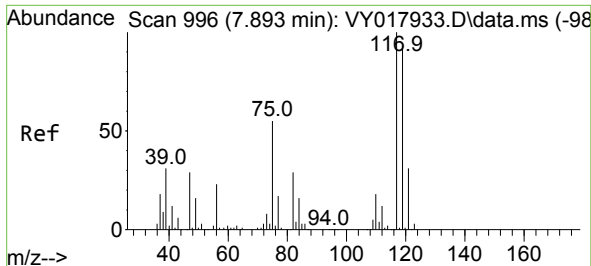


#36
1,1-Dichloropropene
Concen: 5.210 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.146 min
Lab File: VY018073.D
Acq: 29 Apr 2024 17:07



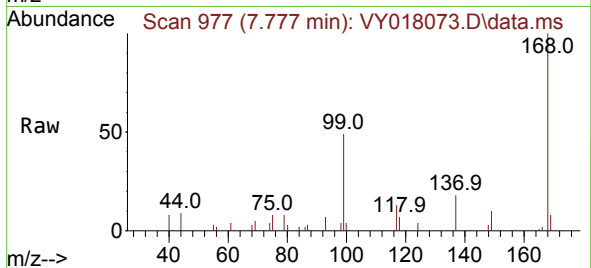
Tgt Ion: 75 Resp: 841
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



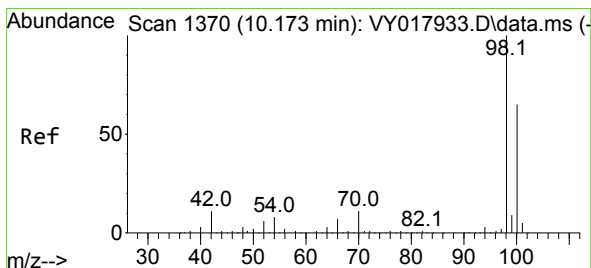
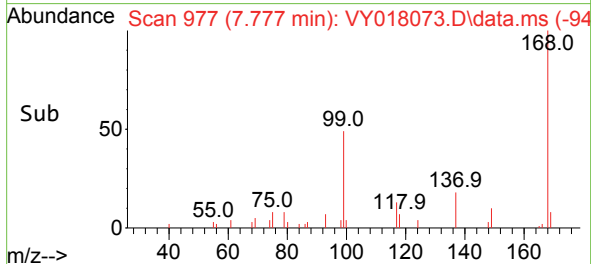
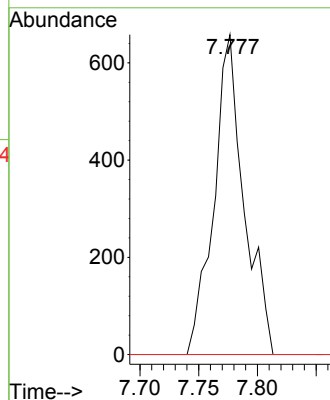


#38
Carbon Tetrachloride
Concen: 7.241 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018073.D
Acq: 29 Apr 2024 17:07

Instrument :
MSVOA_Y
ClientSampleId :

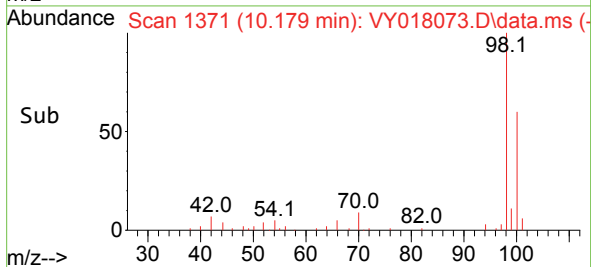
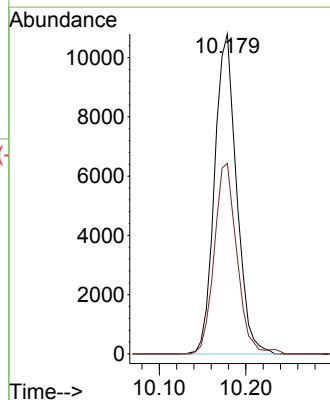
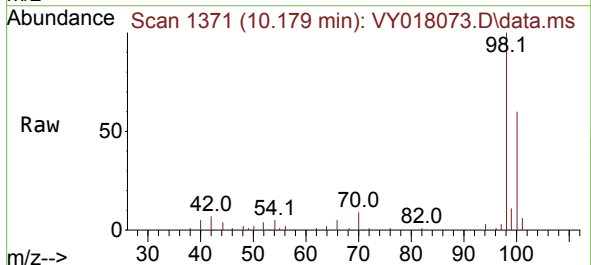


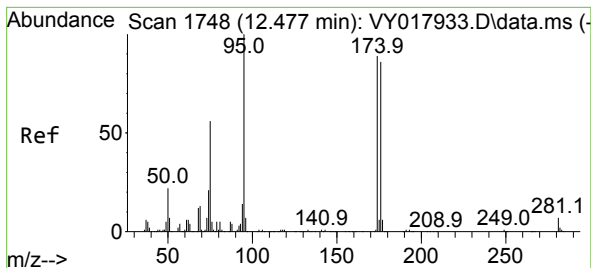
Tgt Ion:117 Resp: 1181
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 45.134 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018073.D
Acq: 29 Apr 2024 17:07

Tgt Ion: 98 Resp: 19010
Ion Ratio Lower Upper
98 100
100 61.6 52.0 78.0

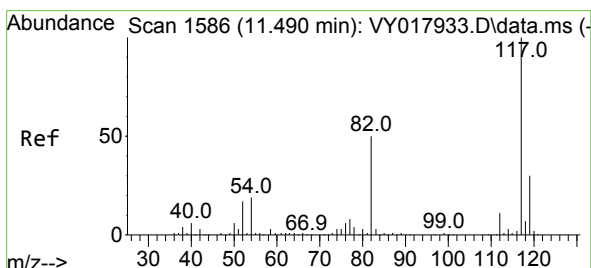
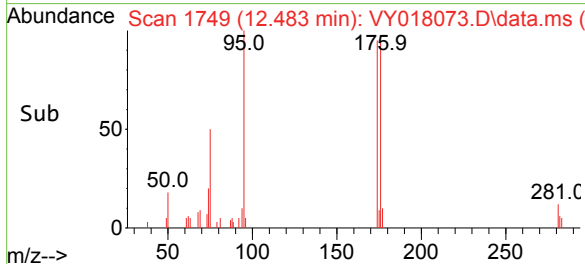
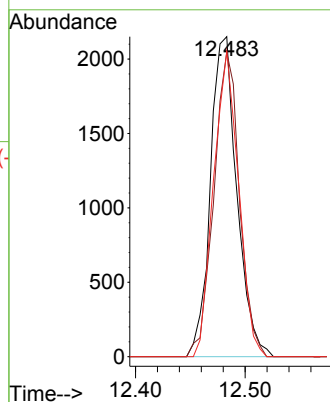
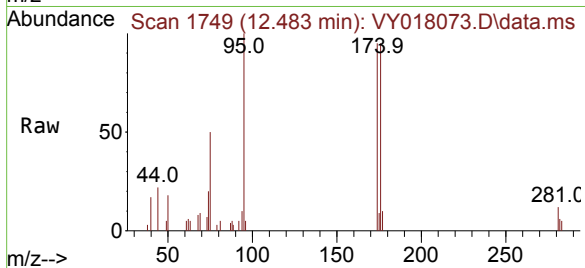




#62
4-Bromofluorobenzene
Concen: 27.621 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018073.D
Acq: 29 Apr 2024 17:07

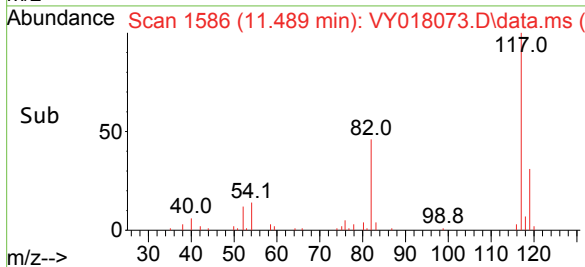
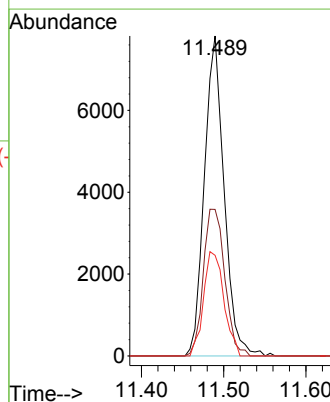
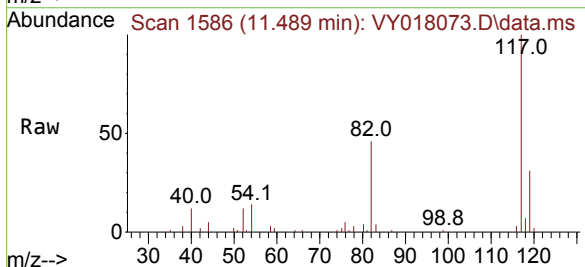
Instrument :
MSVOA_Y
ClientSampleId :

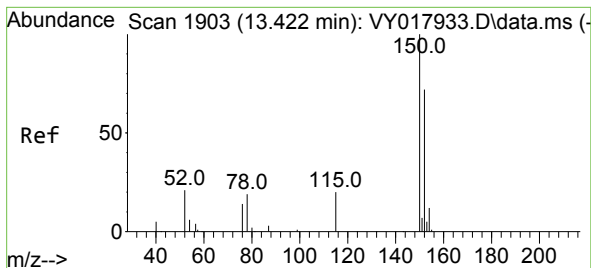
Tgt Ion: 95 Resp: 3603
Ion Ratio Lower Upper
95 100
174 92.3 0.0 175.6
176 90.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018073.D
Acq: 29 Apr 2024 17:07

Tgt Ion: 117 Resp: 13054
Ion Ratio Lower Upper
117 100
82 45.8 42.4 63.6
119 31.5 25.9 38.9

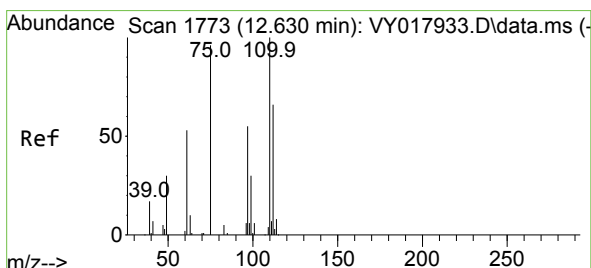
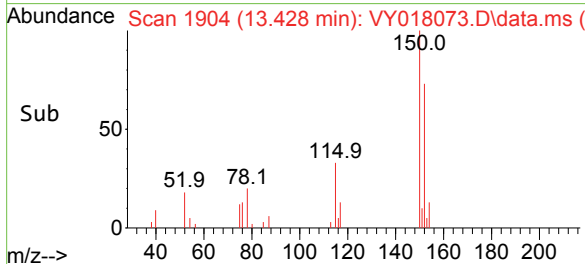
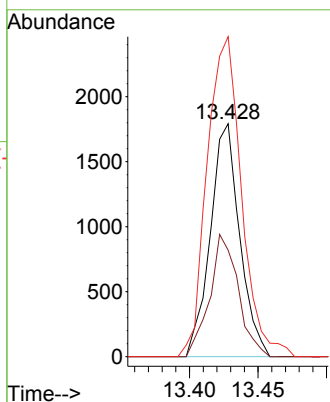
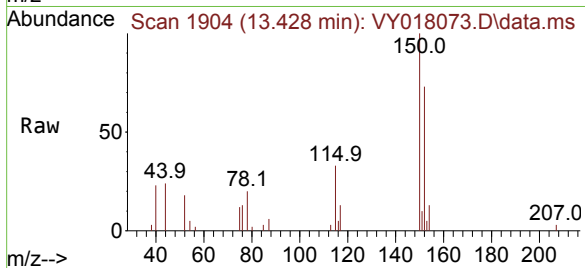




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018073.D
Acq: 29 Apr 2024 17:07

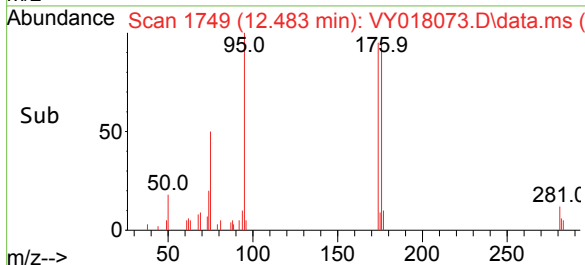
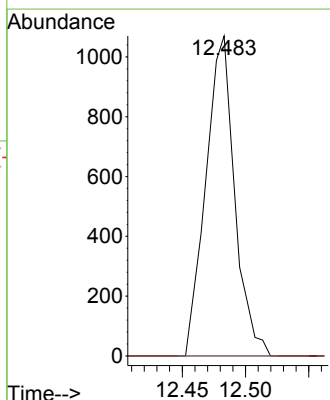
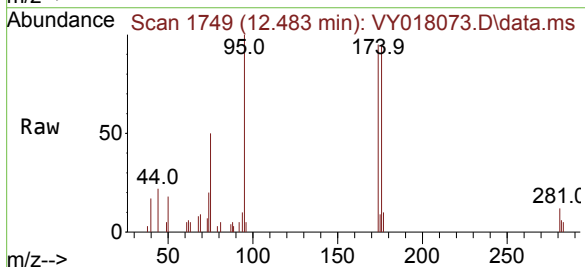
Instrument :
MSVOA_Y
ClientSampleId :

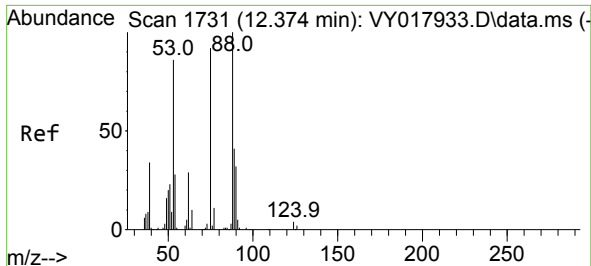
Tgt Ion:152 Resp: 2670
Ion Ratio Lower Upper
152 100
115 50.9 28.2 84.7
150 160.8 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 67.771 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY018073.D
Acq: 29 Apr 2024 17:07

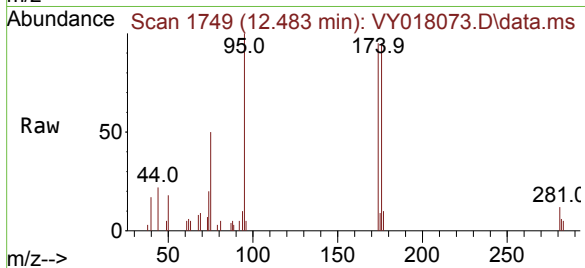
Tgt Ion: 75 Resp: 1698
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



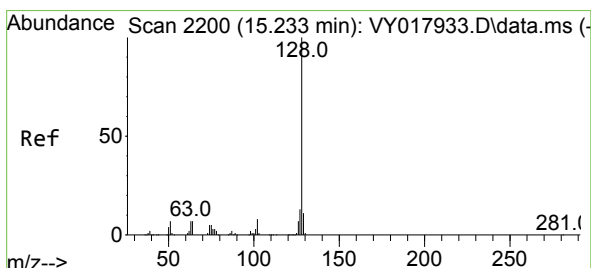
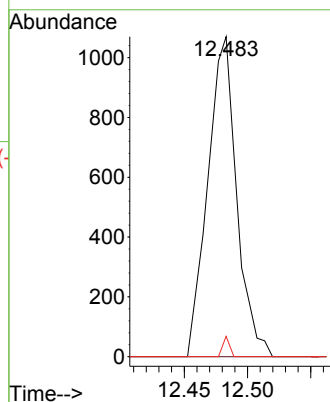
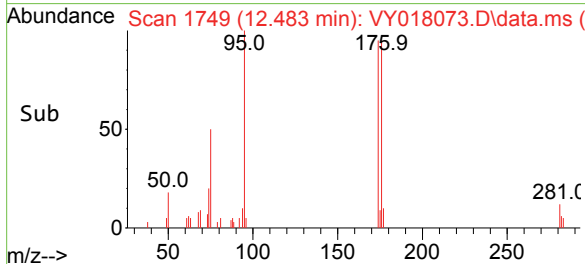


#81
trans-1,4-Dichloro-2-butene
Concen: 139.732 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018073.D
Acq: 29 Apr 2024 17:07

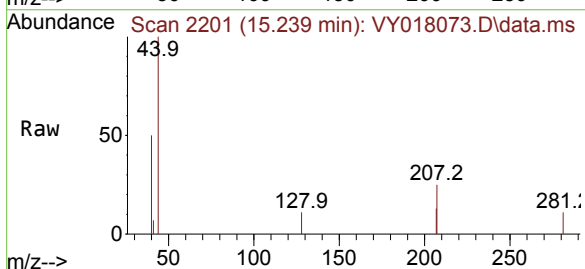
Instrument :
MSVOA_Y
ClientSampleId :



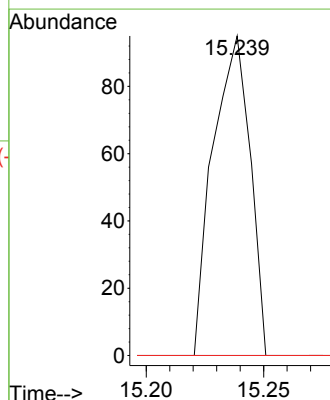
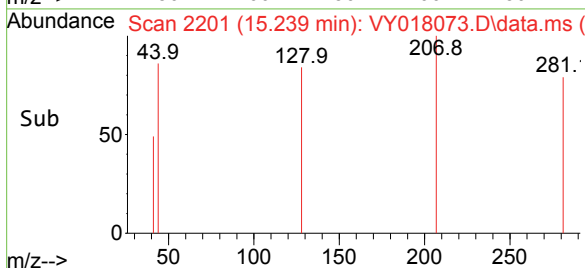
Tgt Ion: 75 Resp: 1698
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 1.5 35.8 53.6#

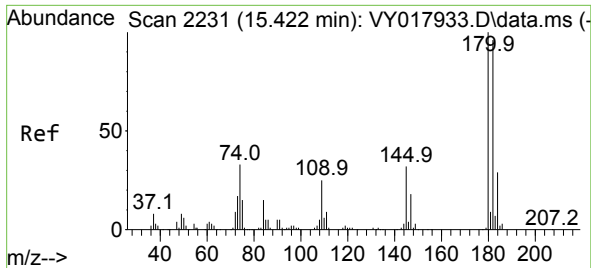


#95
Naphthalene
Concen: 1.345 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY018073.D
Acq: 29 Apr 2024 17:07



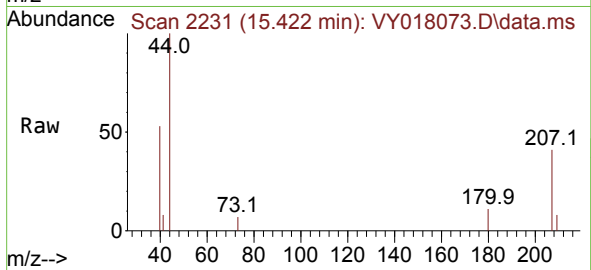
Tgt Ion: 128 Resp: 104
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.549 ug/l
 RT: 15.422 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY018073.D
 Acq: 29 Apr 2024 17:07

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 61
 Ion Ratio Lower Upper
 180 100
 182 44.3 47.6 142.9#
 145 0.0 15.4 46.1#

