

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062024\
 Data File : VY018652.D
 Acq On : 20 Jun 2024 13:25
 Operator : SY/MD
 Sample : P2943-04
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

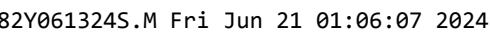
Quant Time: Jun 21 01:05:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

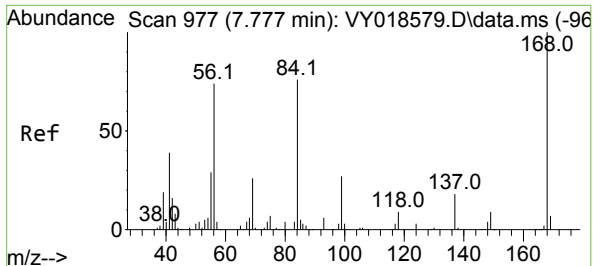
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.777	168	39955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	71216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	57008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	20116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	20428	50.783	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.560%			
35) Dibromofluoromethane	7.704	113	22776	52.427	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.860%			
50) Toluene-d8	10.173	98	78317	46.878	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.760%			
62) 4-Bromofluorobenzene	12.477	95	20472	38.806	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 77.620%			
Target Compounds						Qvalue
5) Bromomethane	2.650	94	916	1.836	ug/l #	73
17) Carbon Disulfide	4.174	76	31	2.245	ug/l #	76
20) Methylene Chloride	4.698	84	5181	1.599	ug/l	91
23) Vinyl Acetate	6.052	43	111	23.781	ug/l #	67
31) Cyclohexane	7.777	56	921	1.495	ug/l #	61
36) 1,1-Dichloropropene	7.771	75	3193	5.340	ug/l #	45
38) Carbon Tetrachloride	7.777	117	3792	6.044	ug/l #	15
51) 4-Methyl-2-Pentanone	10.167	43	336	1.212	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	10886	57.690	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	10886	151.113	ug/l #	16
95) Naphthalene	15.227	128	1023	1.679	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.416	180	437	1.586	ug/l #	78

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

Quant Time: Jun 21 01:05:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration

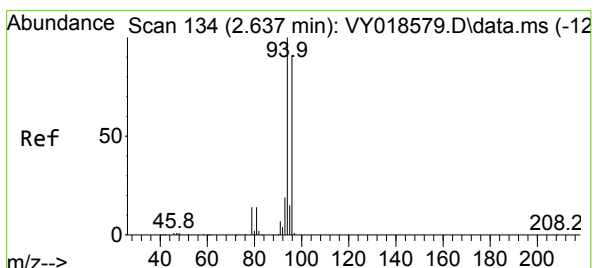
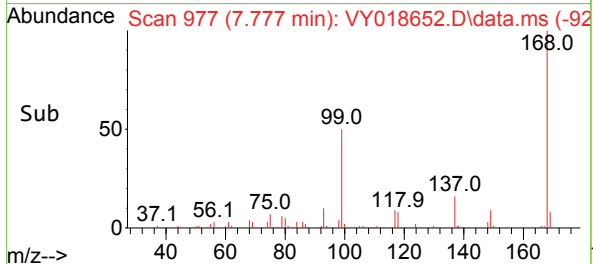
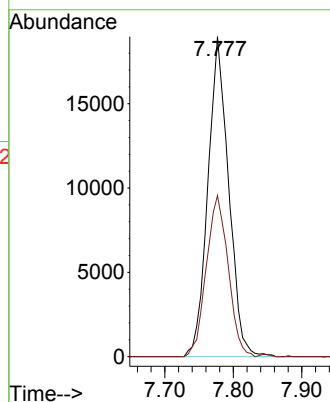
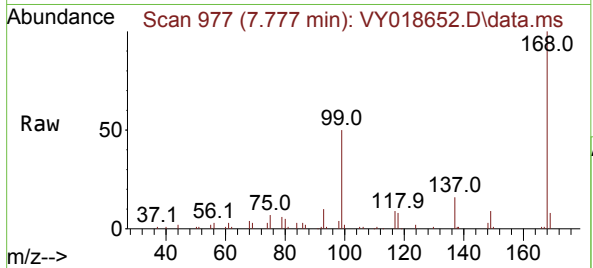




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018652.D
Acq: 20 Jun 2024 13:25

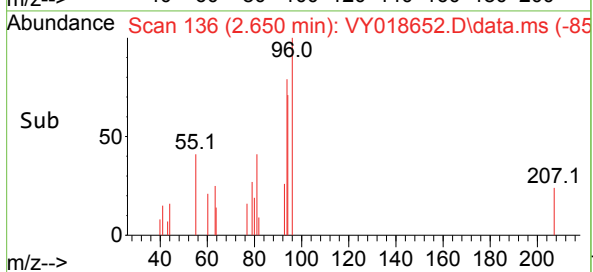
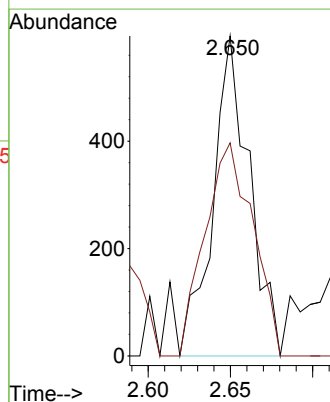
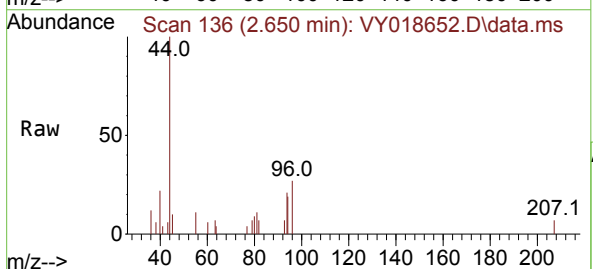
Instrument :
MSVOA_Y
ClientSampleId :

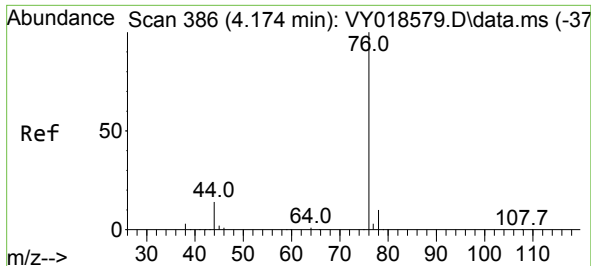
Tgt Ion:168 Resp: 39955
Ion Ratio Lower Upper
168 100
99 50.3 39.1 58.7



#5
Bromomethane
Concen: 1.836 ug/l
RT: 2.650 min Scan# 136
Delta R.T. 0.012 min
Lab File: VY018652.D
Acq: 20 Jun 2024 13:25

Tgt Ion: 94 Resp: 916
Ion Ratio Lower Upper
94 100
96 66.6 74.1 111.1#

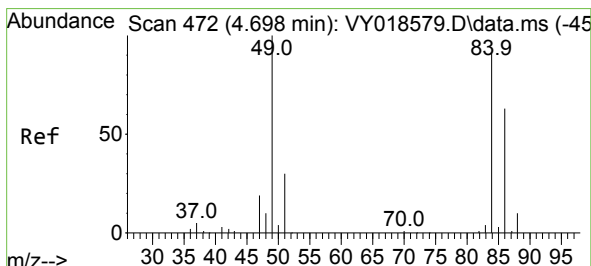
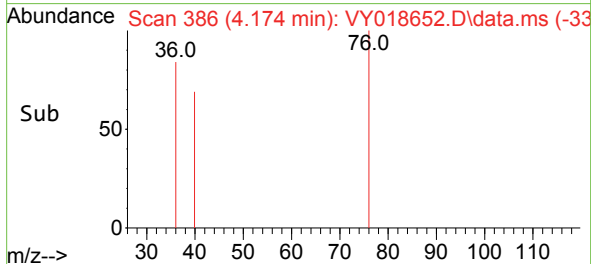
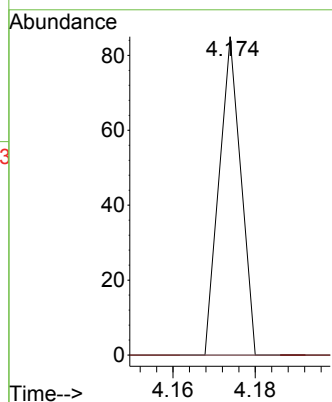
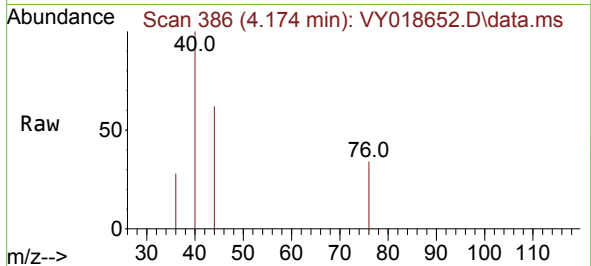




#17
Carbon Disulfide
Concen: 2.245 ug/l
RT: 4.174 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY018652.D
Acq: 20 Jun 2024 13:25

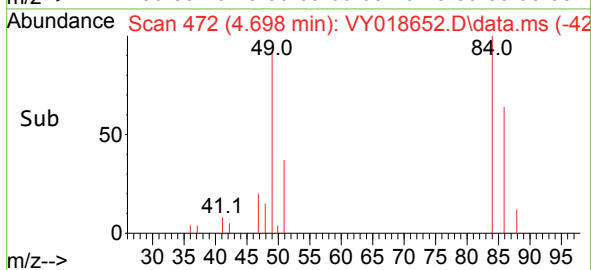
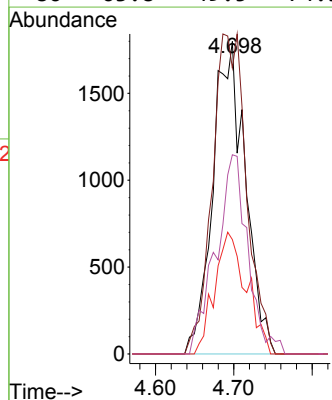
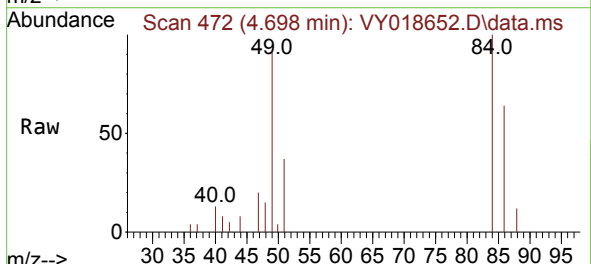
Instrument :
MSVOA_Y
ClientSampleId :

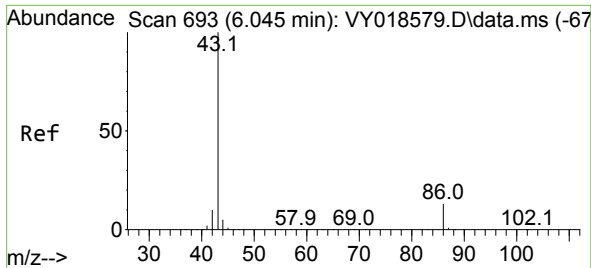
Tgt Ion: 76 Resp: 31
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: 1.599 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018652.D
Acq: 20 Jun 2024 13:25

Tgt Ion: 84 Resp: 5181
Ion Ratio Lower Upper
84 100
49 91.5 84.4 126.6
51 36.6 26.0 39.0
86 63.8 49.5 74.3

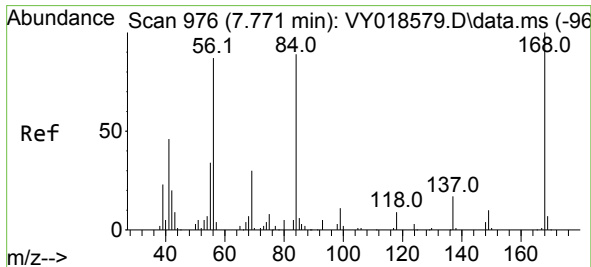
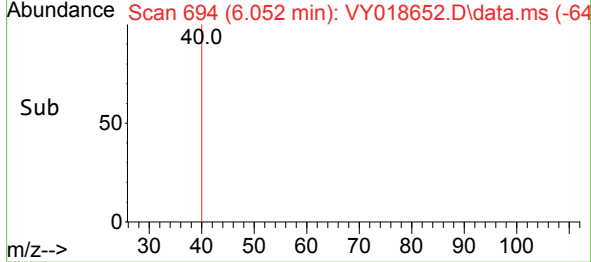
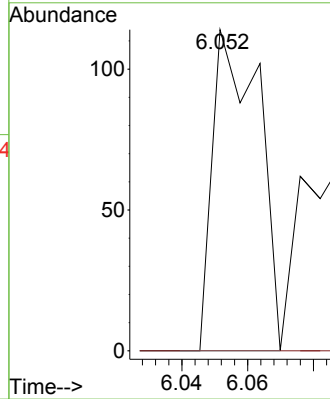
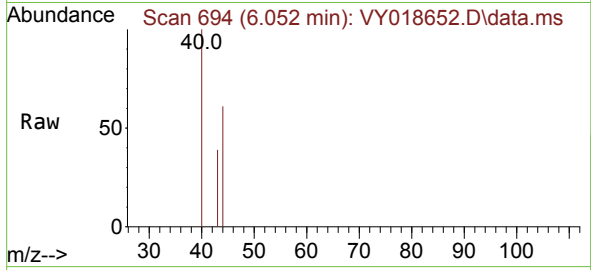




#23
 Vinyl Acetate
 Concen: 23.781 ug/l
 RT: 6.052 min Scan# 693
 Delta R.T. 0.007 min
 Lab File: VY018652.D
 Acq: 20 Jun 2024 13:25

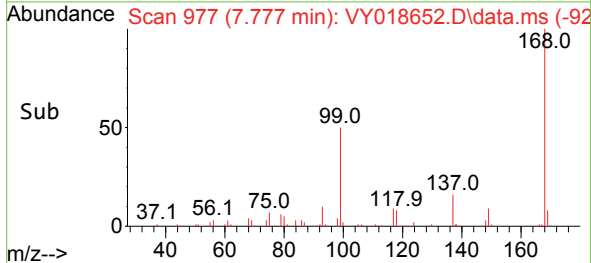
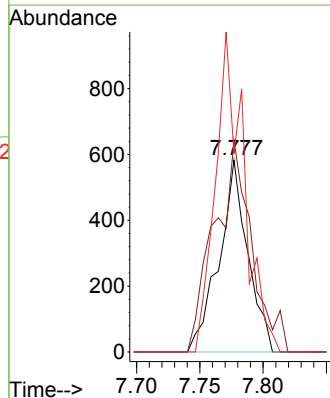
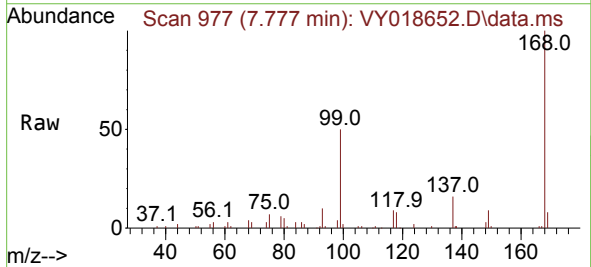
Instrument :
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 ClientSampleId :

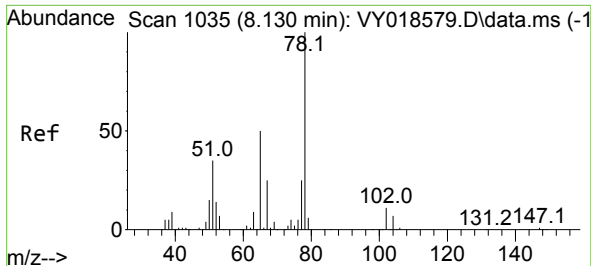
Tgt Ion: 43 Resp: 111
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#31
 Cyclohexane
 Concen: 1.495 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. 0.006 min
 Lab File: VY018652.D
 Acq: 20 Jun 2024 13:25

Tgt Ion: 56 Resp: 921
 Ion Ratio Lower Upper
 56 100
 69 110.5 28.7 43.1#
 84 103.3 77.7 116.5

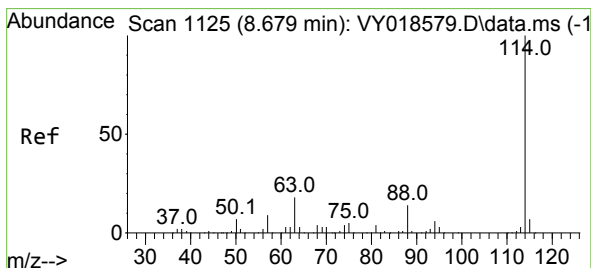
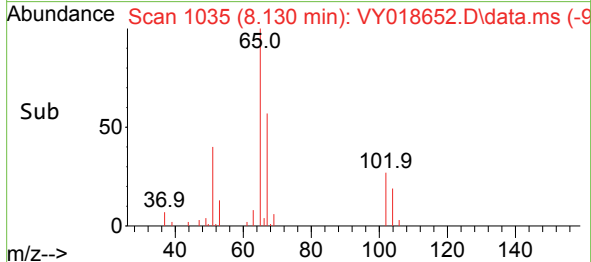
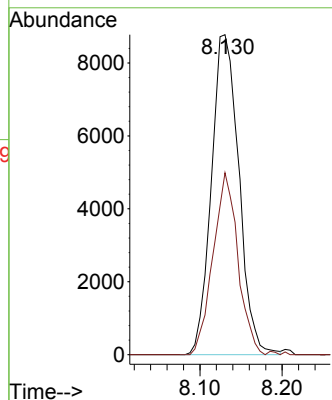
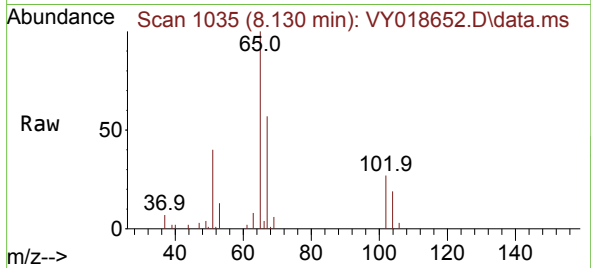




#33
1,2-Dichloroethane-d4
Concen: 50.783 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018652.D
Acq: 20 Jun 2024 13:25

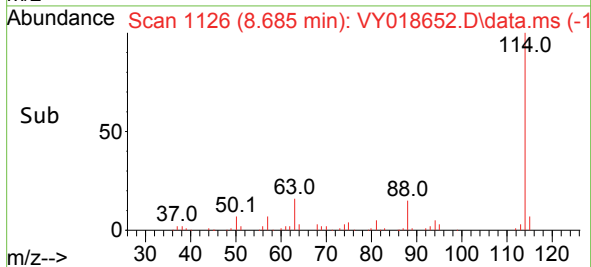
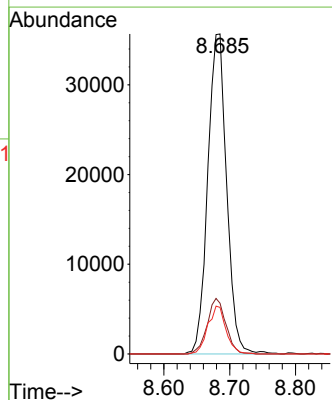
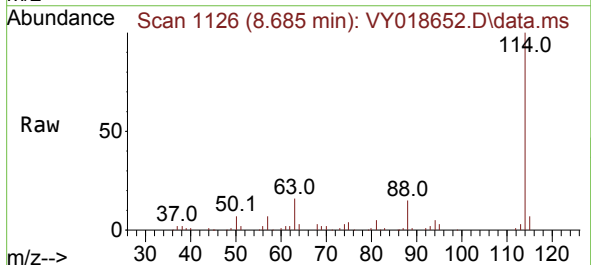
Instrument :
MSVOA_Y
ClientSampleId :

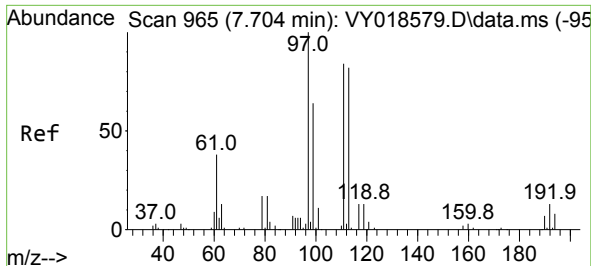
Tgt Ion: 65 Resp: 20428
Ion Ratio Lower Upper
65 100
67 51.2 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY018652.D
Acq: 20 Jun 2024 13:25

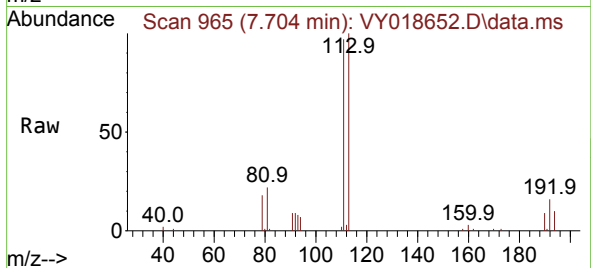
Tgt Ion: 114 Resp: 71216
Ion Ratio Lower Upper
114 100
63 15.8 0.0 35.0
88 14.6 0.0 27.2



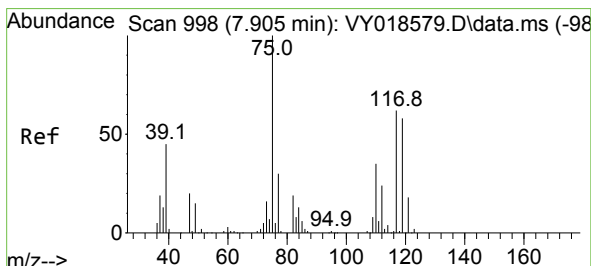
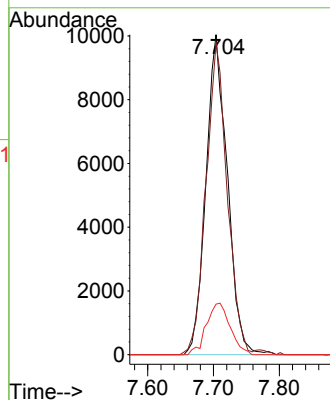
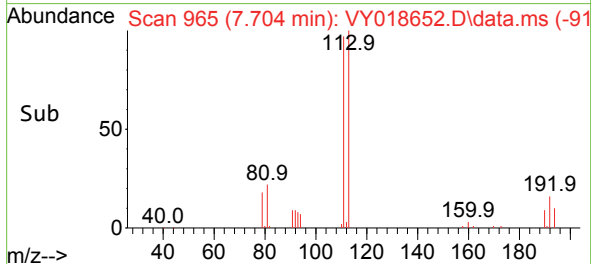


#35
Dibromofluoromethane
Concen: 52.427 ug/l
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018652.D
Acq: 20 Jun 2024 13:25

Instrument :
MSVOA_Y
ClientSampleId :

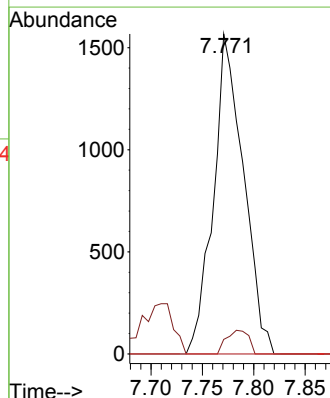
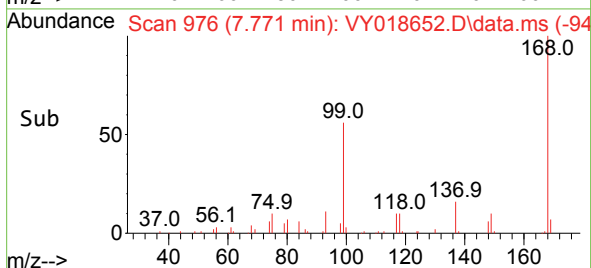
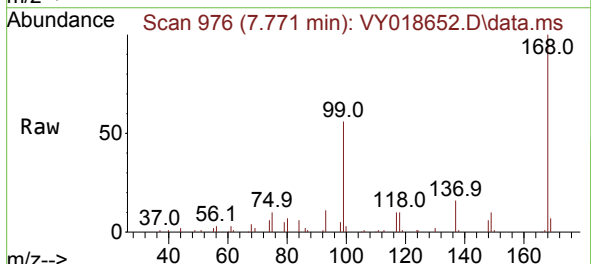


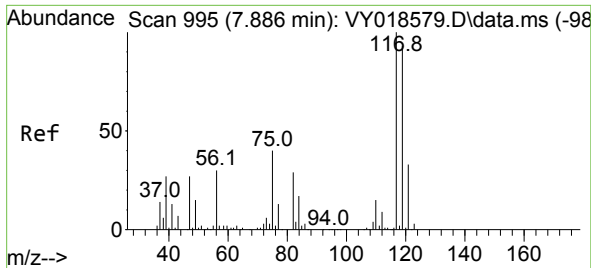
Tgt Ion:113 Resp: 22776
Ion Ratio Lower Upper
113 100
111 96.5 82.2 123.4
192 17.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.340 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.134 min
Lab File: VY018652.D
Acq: 20 Jun 2024 13:25

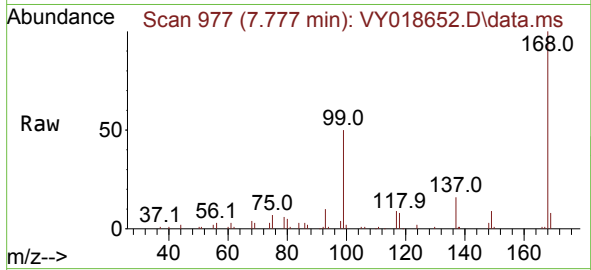
Tgt Ion: 75 Resp: 3193
Ion Ratio Lower Upper
75 100
110 5.4 19.0 57.0#
77 0.0 25.3 37.9#



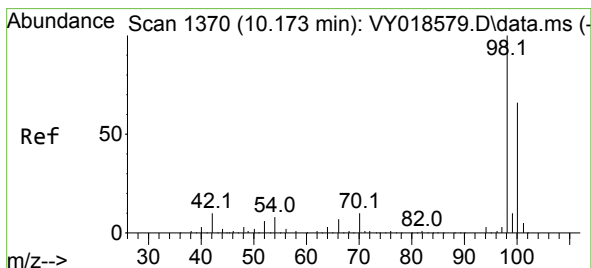
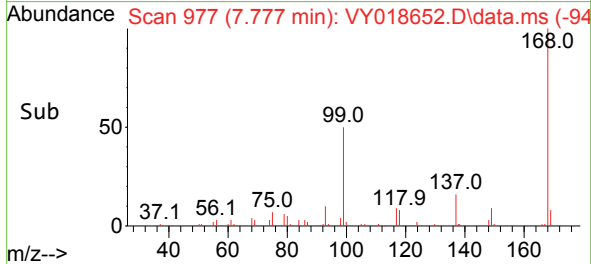
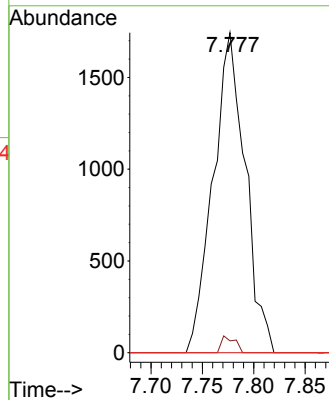


#38
Carbon Tetrachloride
Concen: 6.044 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018652.D
Acq: 20 Jun 2024 13:25

Instrument :
MSVOA_Y
ClientSampleId :

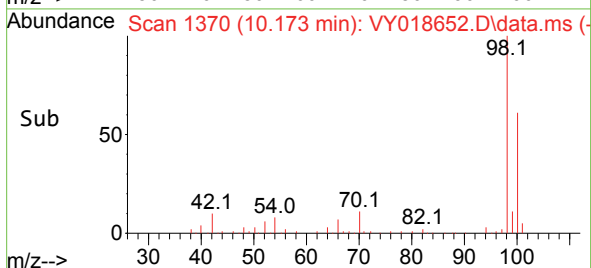
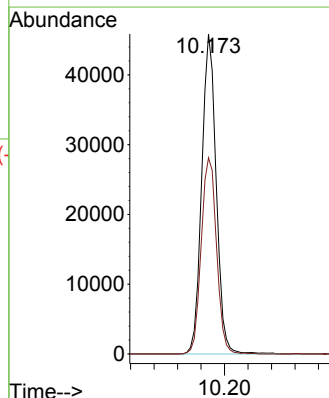
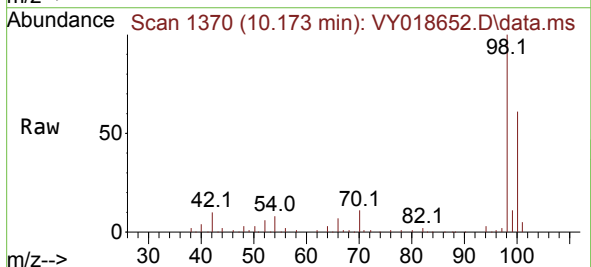


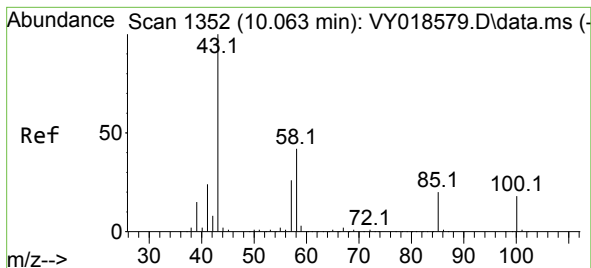
Tgt Ion:117 Resp: 3792
Ion Ratio Lower Upper
117 100
119 3.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.878 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018652.D
Acq: 20 Jun 2024 13:25

Tgt Ion: 98 Resp: 78317
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

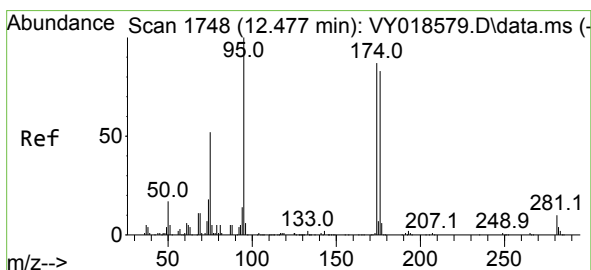
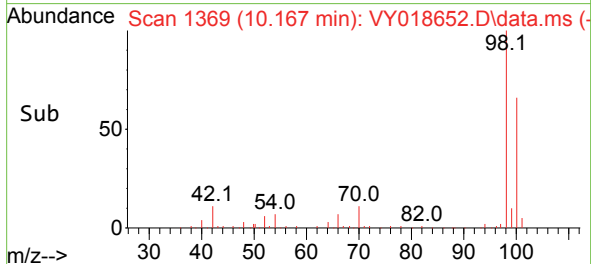
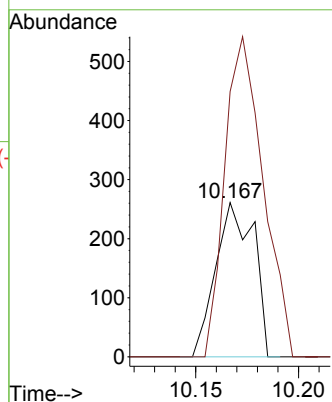
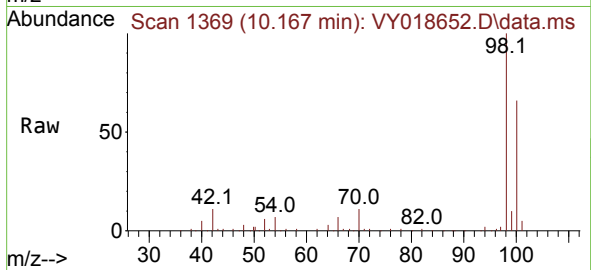




#51
4-Methyl-2-Pentanone
Concen: 1.212 ug/l
RT: 10.167 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018652.D
Acq: 20 Jun 2024 13:25

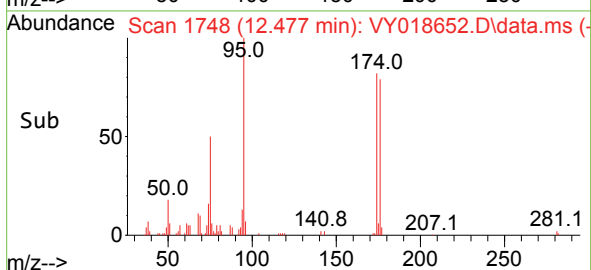
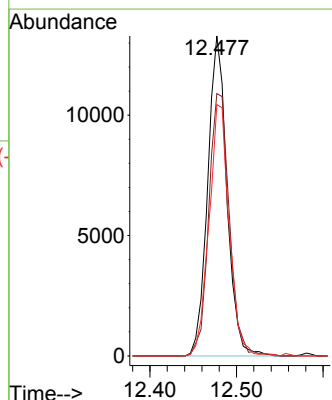
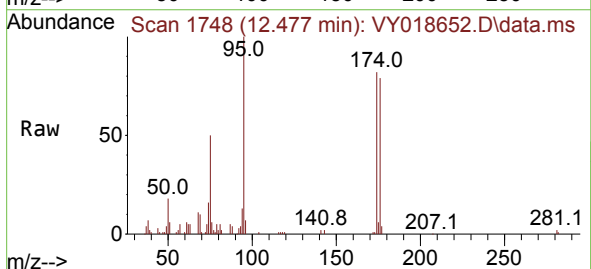
Instrument :
MSVOA_Y
ClientSampleId :

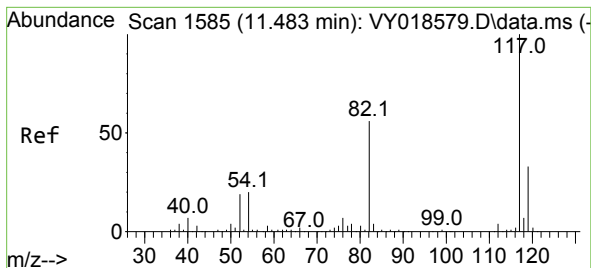
Tgt Ion: 43 Resp: 336
Ion Ratio Lower Upper
43 100
58 209.2 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 38.806 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018652.D
Acq: 20 Jun 2024 13:25

Tgt Ion: 95 Resp: 20472
Ion Ratio Lower Upper
95 100
174 87.6 0.0 175.6
176 82.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.484 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018652.D

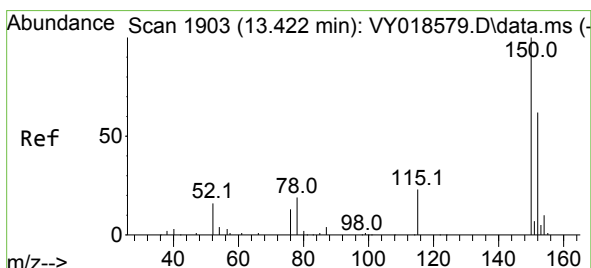
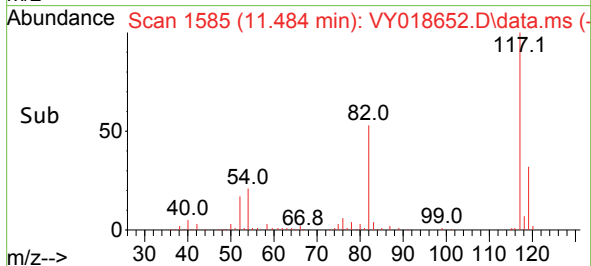
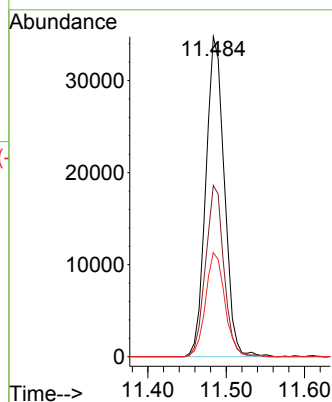
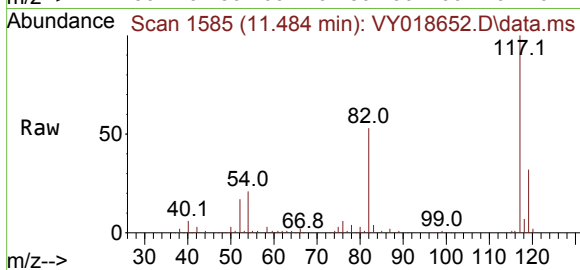
Acq: 20 Jun 2024 13:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	57008
Ion	Ratio	Lower Upper
117	100	
82	53.5	42.4 63.6
119	32.5	25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

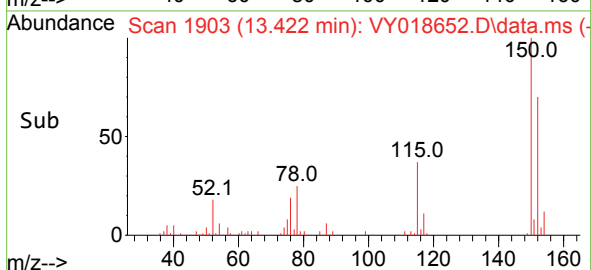
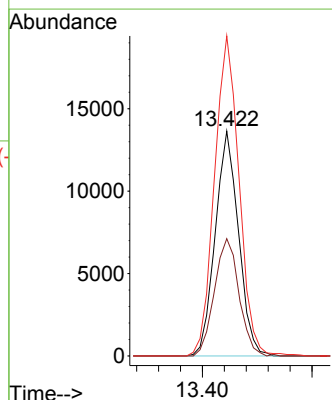
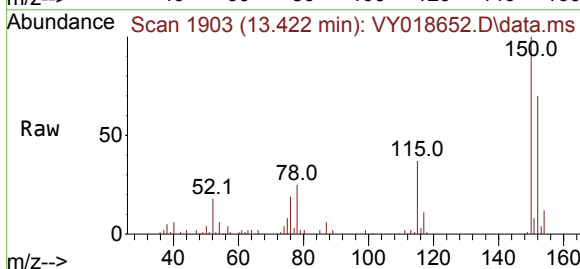
RT: 13.422 min Scan# 1903

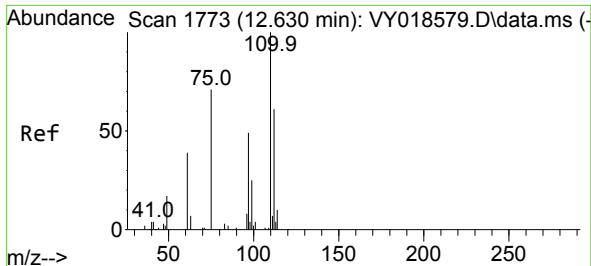
Delta R.T. 0.000 min

Lab File: VY018652.D

Acq: 20 Jun 2024 13:25

Tgt Ion:152	Resp:	20116
Ion	Ratio	Lower Upper
152	100	
115	55.1	28.2 84.7
150	150.3	0.0 345.6

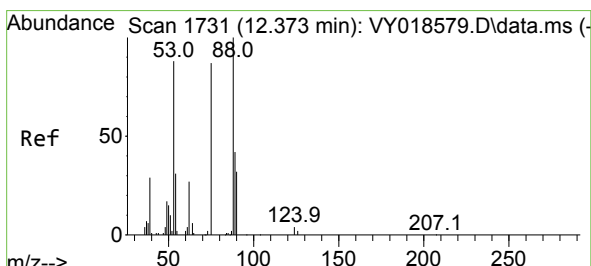
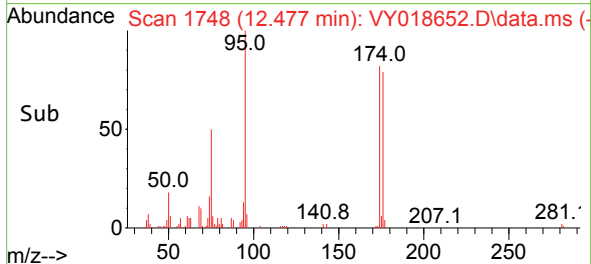
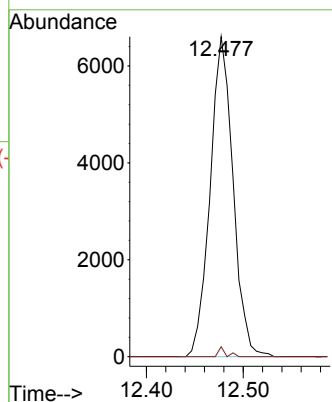
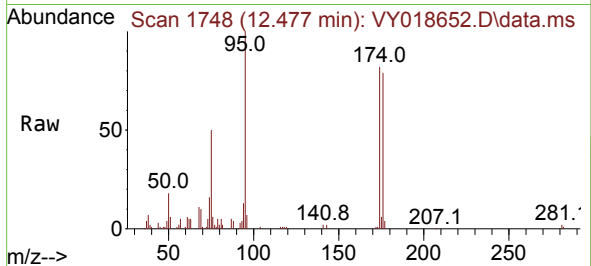




#76
1,2,3-Trichloropropane
Concen: 57.690 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018652.D
Acq: 20 Jun 2024 13:25

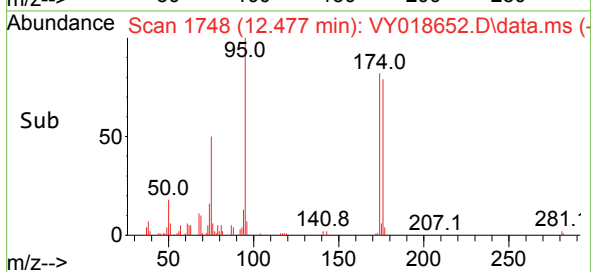
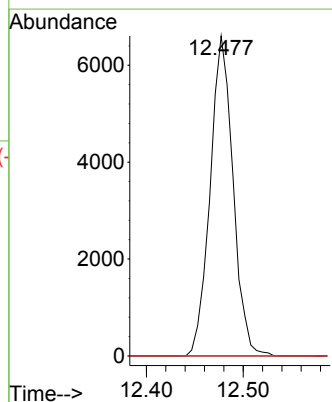
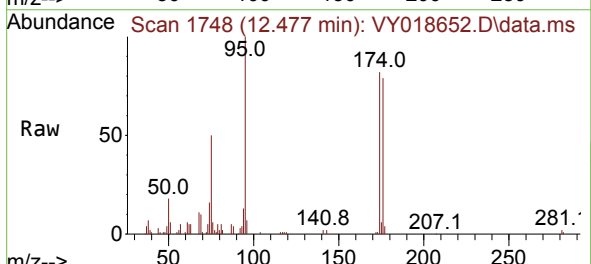
Instrument :
MSVOA_Y
ClientSampleId :

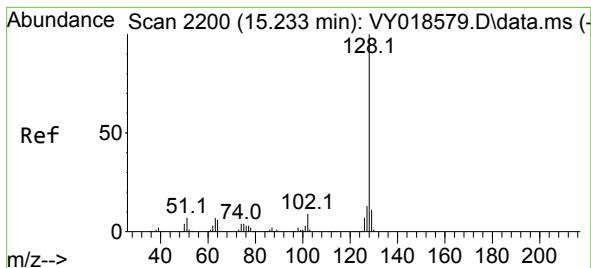
Tgt Ion: 75 Resp: 10886
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 151.113 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018652.D
Acq: 20 Jun 2024 13:25

Tgt Ion: 75 Resp: 10886
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95

Naphthalene

Concen: 1.679 ug/l

RT: 15.227 min Scan# 2199

Delta R.T. -0.006 min

Lab File: VY018652.D

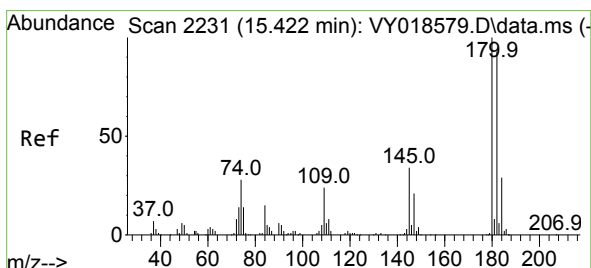
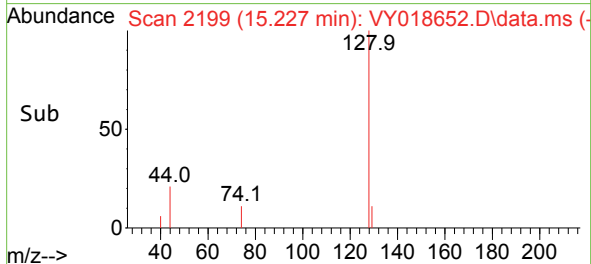
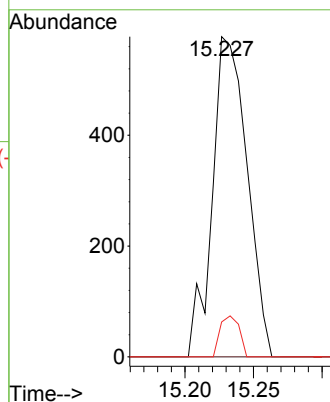
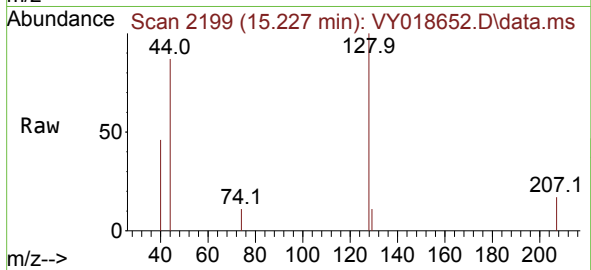
Acq: 20 Jun 2024 13:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	1023
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.6
129	7.0	8.6



#96

1,2,3-Trichlorobenzene

Concen: 1.586 ug/l

RT: 15.416 min Scan# 2230

Delta R.T. -0.006 min

Lab File: VY018652.D

Acq: 20 Jun 2024 13:25

Tgt Ion:180	Resp:	437
Ion Ratio	Lower	Upper
180	100	
182	84.4	47.6
145	0.0	15.4

