

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061024\
 Data File : VY018546.D
 Acq On : 10 Jun 2024 13:24
 Operator : SY/MD
 Sample : P2795-09
 Misc : 7.86g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 01:55:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

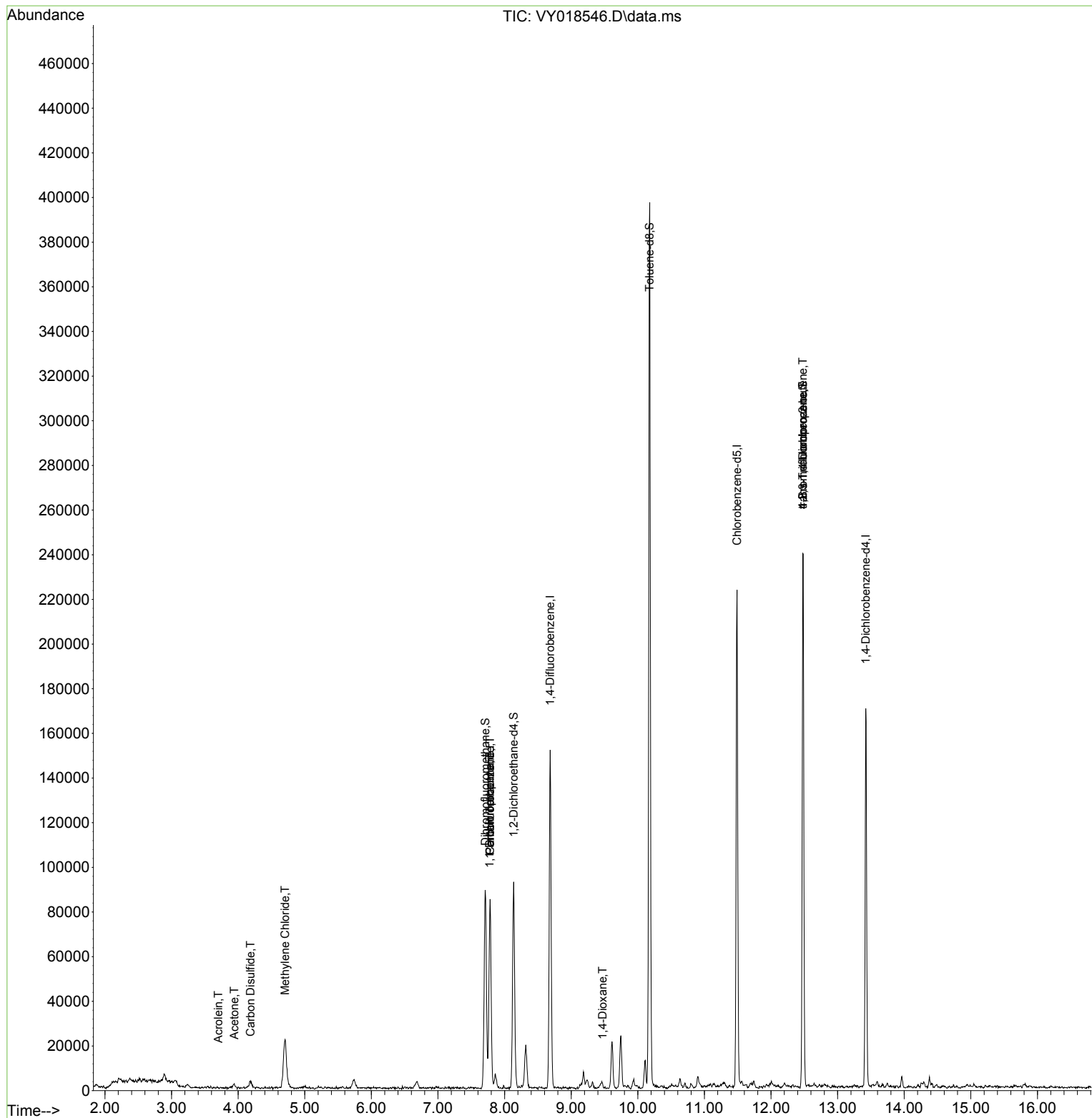
Internal Standards						
1) Pentafluorobenzene	7.783	168	57284	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	121815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	111448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	38300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	65056	57.829	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.660%	
35) Dibromofluoromethane	7.710	113	61418	39.761	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 79.520%	
50) Toluene-d8	10.179	98	247322	40.246	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 80.500%	
62) 4-Bromofluorobenzene	12.477	95	71293	37.261	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 74.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.985	59	19	Below Cal	#	88
13) Acrolein	3.704	56	136	1.181	ug/l #	15
16) Acetone	3.942	43	2223	8.903	ug/l #	77
17) Carbon Disulfide	4.186	76	5715	1.621	ug/l #	70
20) Methylene Chloride	4.704	84	14967	7.902	ug/l #	74
36) 1,1-Dichloropropene	7.777	75	6040	2.564	ug/l #	44
38) Carbon Tetrachloride	7.783	117	6136	2.600	ug/l #	15
49) 1,4-Dioxane	9.472	88	22	1.811	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	40414	85.096	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	40414	178.780	ug/l #	16

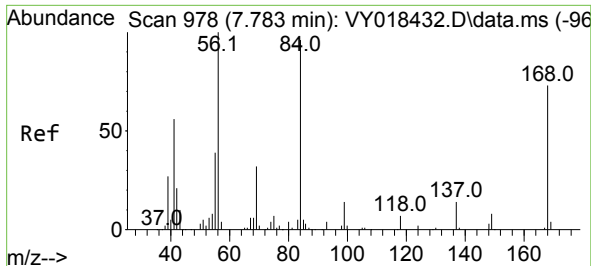
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061024\
Data File : VY018546.D
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Operator : SY/MD
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Misc : 7.86g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

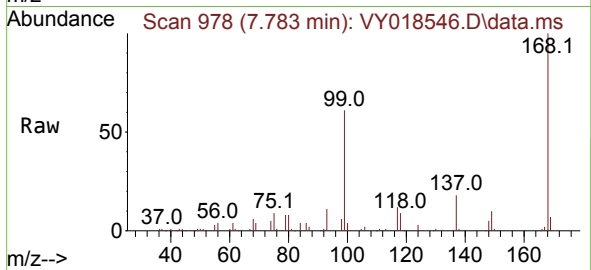
Quant Time: Jun 11 01:55:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 07:11:56 2024
Response via : Initial Calibration



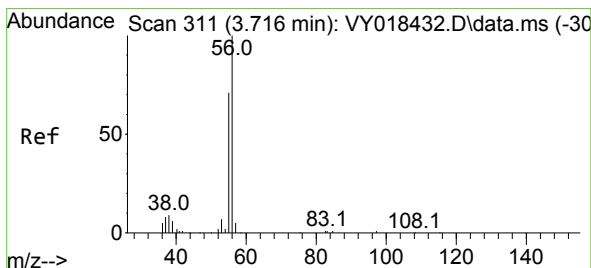
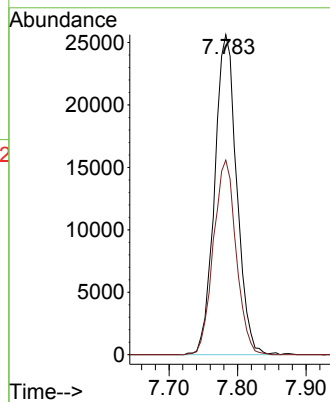
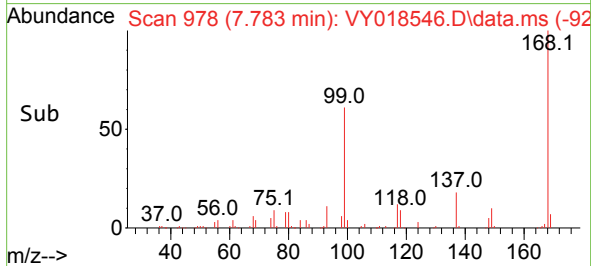


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018546.D
Acq: 10 Jun 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :

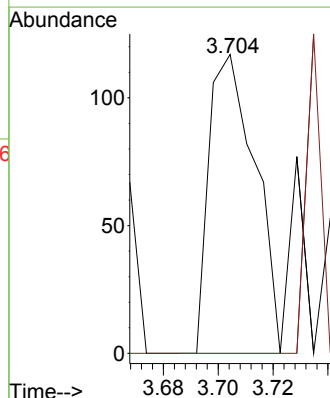
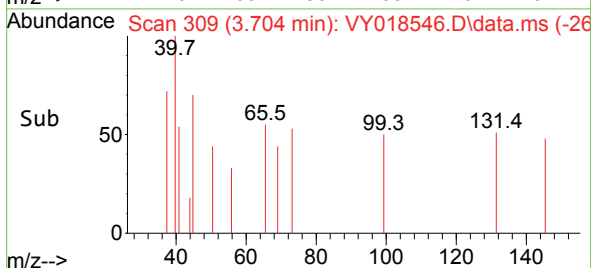
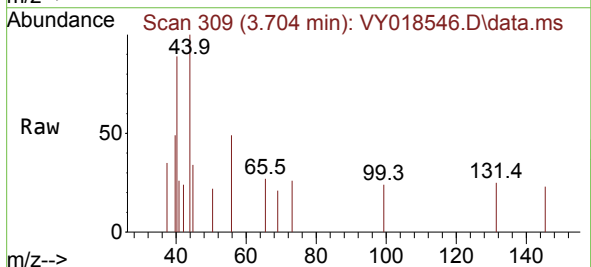


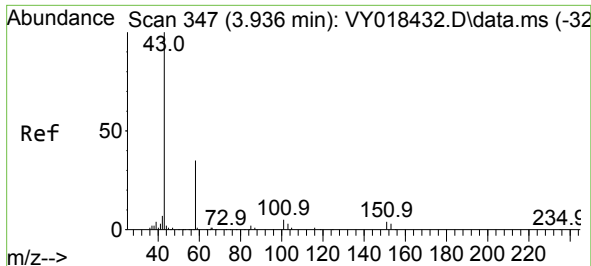
Tgt Ion:168 Resp: 57284
Ion Ratio Lower Upper
168 100
99 60.8 39.1 58.7#



#13
Acrolein
Concen: 1.181 ug/l
RT: 3.704 min Scan# 309
Delta R.T. -0.012 min
Lab File: VY018546.D
Acq: 10 Jun 2024 13:24

Tgt Ion: 56 Resp: 136
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#

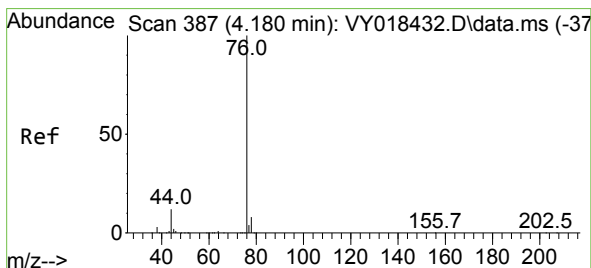
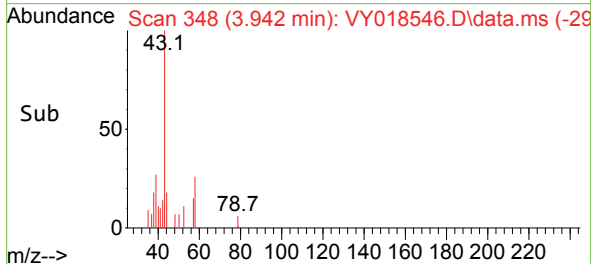
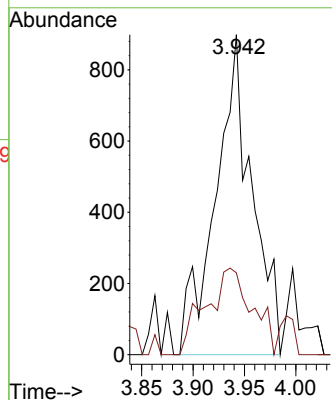
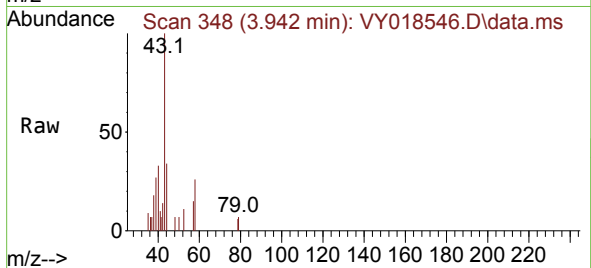




#16
Acetone
Concen: 8.903 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018546.D
Acq: 10 Jun 2024 13:24

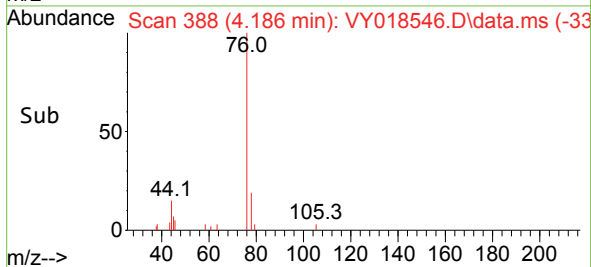
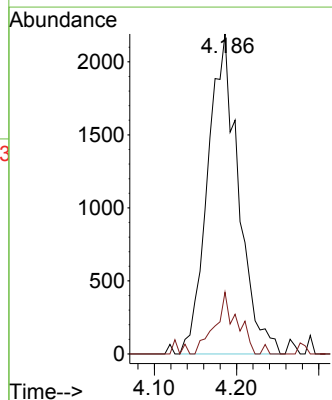
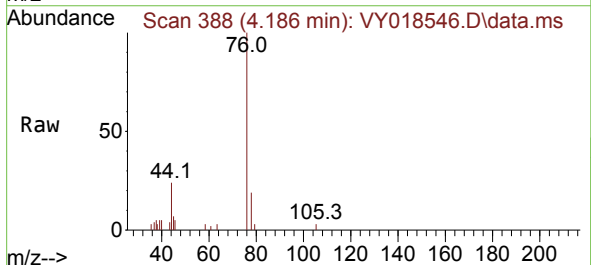
Instrument :
MSVOA_Y
ClientSampleId :

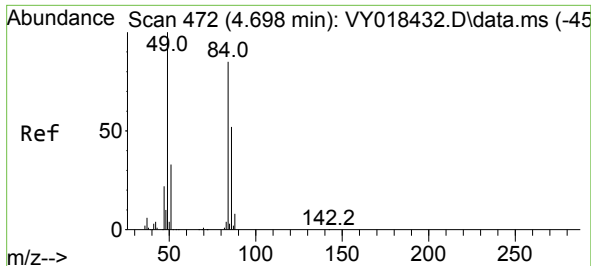
Tgt Ion: 43 Resp: 2223
Ion Ratio Lower Upper
43 100
58 25.6 31.7 47.5#



#17
Carbon Disulfide
Concen: 1.621 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.006 min
Lab File: VY018546.D
Acq: 10 Jun 2024 13:24

Tgt Ion: 76 Resp: 5715
Ion Ratio Lower Upper
76 100
78 19.3 6.8 10.2#

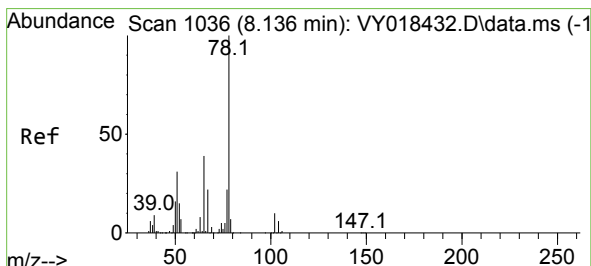
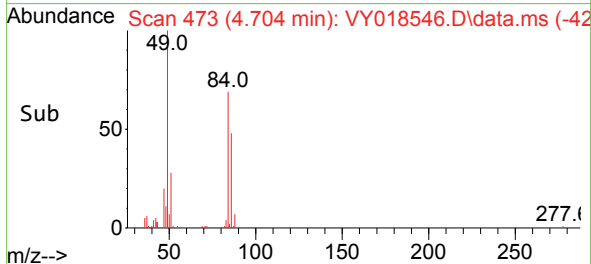
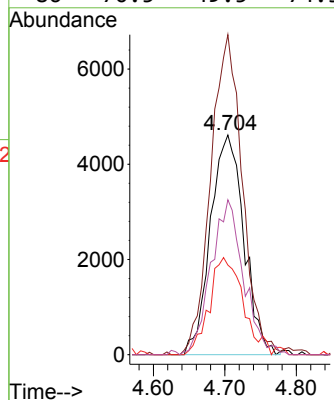
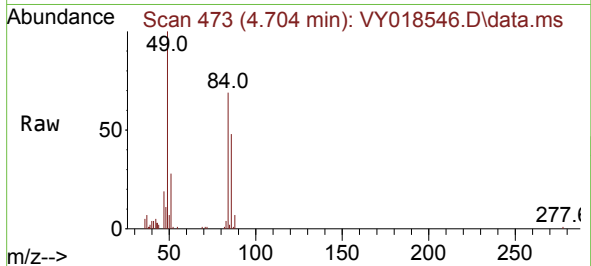




#20
Methylene Chloride
Concen: 7.902 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018546.D
Acq: 10 Jun 2024 13:24

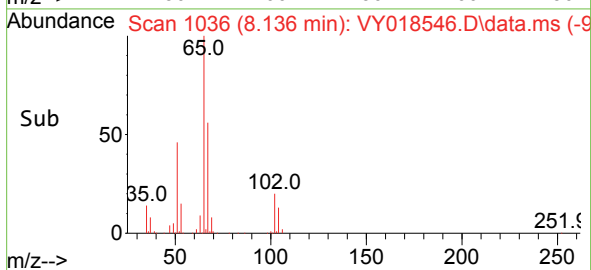
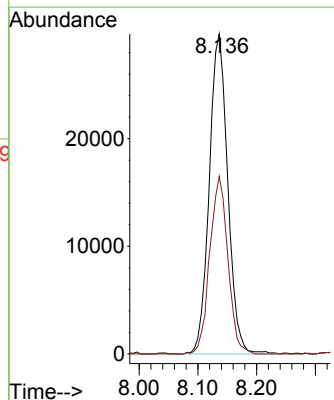
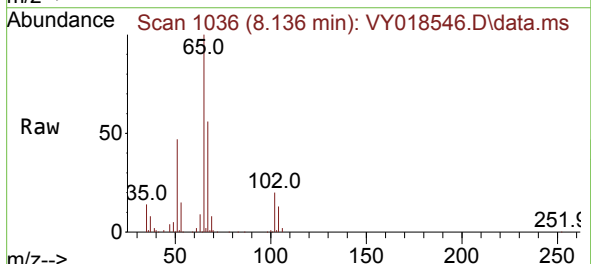
Instrument :
MSVOA_Y
ClientSampleId :

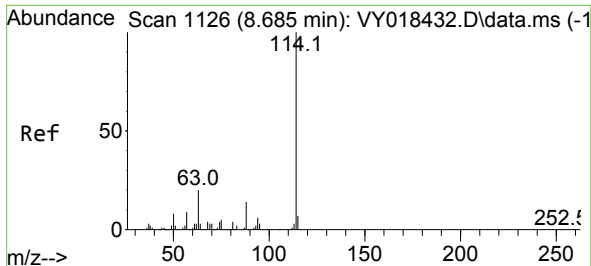
Tgt Ion: 84 Resp: 14967
Ion Ratio Lower Upper
84 100
49 145.7 84.4 126.6#
51 40.8 26.0 39.0#
86 70.5 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 57.829 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018546.D
Acq: 10 Jun 2024 13:24

Tgt Ion: 65 Resp: 65056
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6

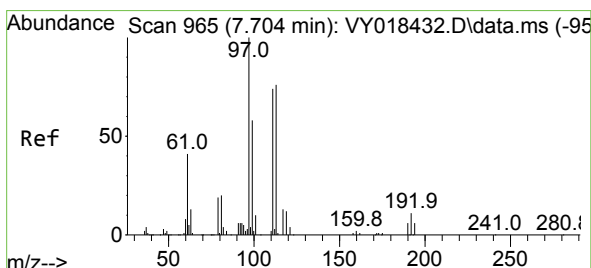
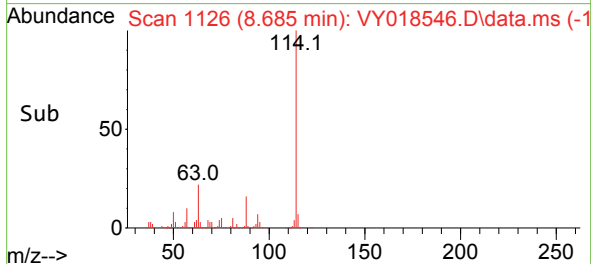
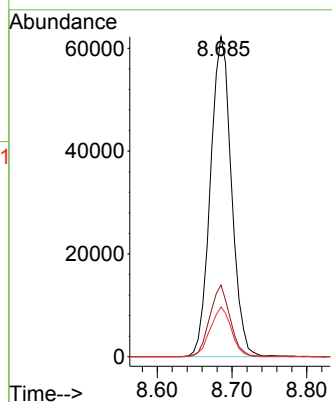
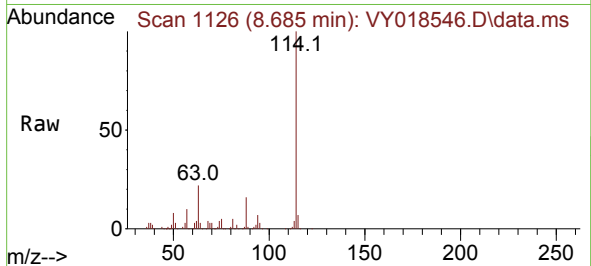




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018546.D
Acq: 10 Jun 2024 13:24

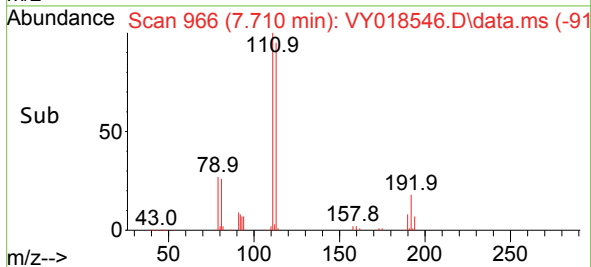
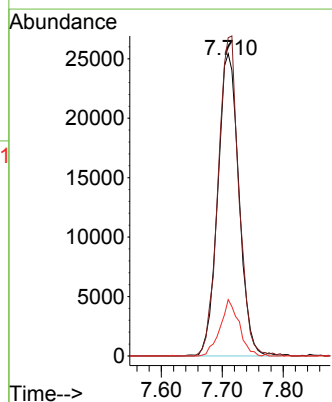
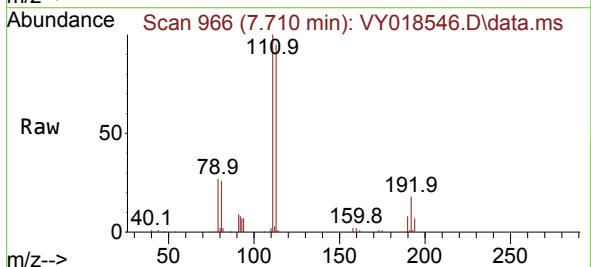
Instrument :
MSVOA_Y
ClientSampleId :

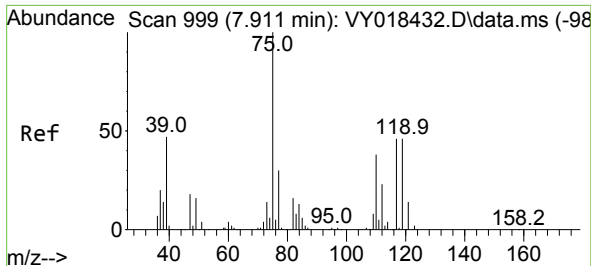
Tgt Ion:114 Resp: 121815
Ion Ratio Lower Upper
114 100
63 22.4 0.0 35.0
88 15.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 39.761 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018546.D
Acq: 10 Jun 2024 13:24

Tgt Ion:113 Resp: 61418
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 16.6 15.9 23.9





#36

1,1-Dichloropropene

Concen: 2.564 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.134 min

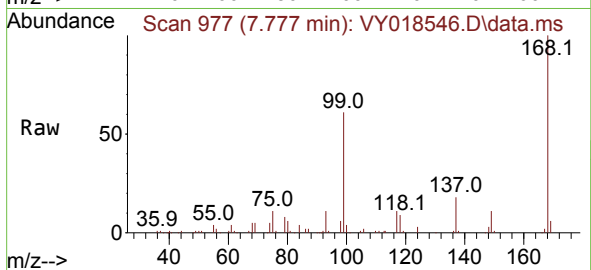
Lab File: VY018546.D

Acq: 10 Jun 2024 13:24

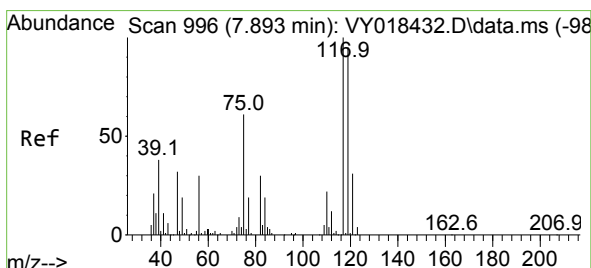
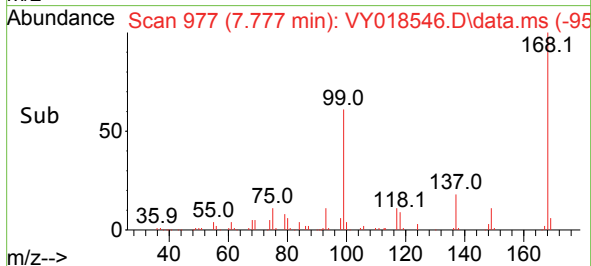
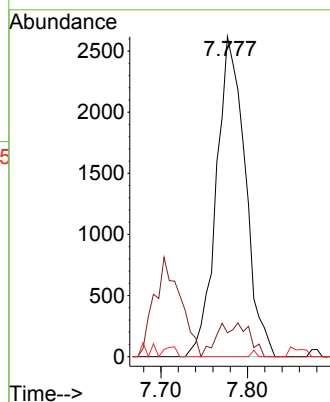
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	6040
Ion	Ratio	Lower	Upper
75	100		
110	4.9	19.0	57.0#
77	0.0	25.3	37.9#



#38

Carbon Tetrachloride

Concen: 2.600 ug/l

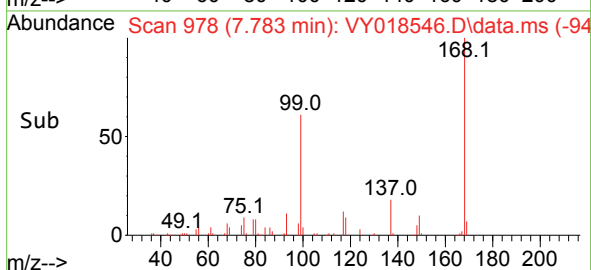
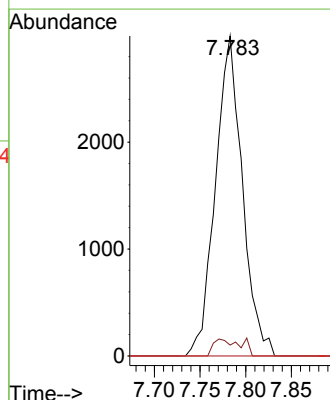
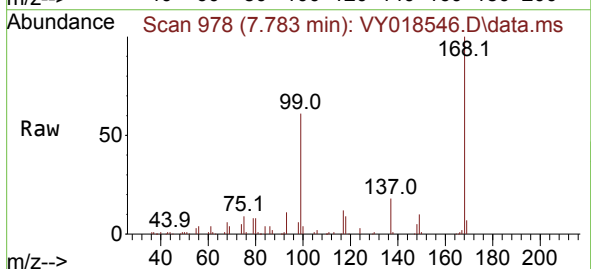
RT: 7.783 min Scan# 978

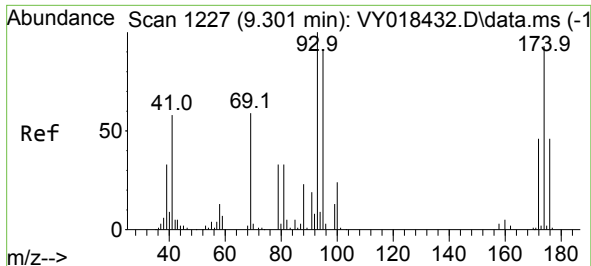
Delta R.T. -0.110 min

Lab File: VY018546.D

Acq: 10 Jun 2024 13:24

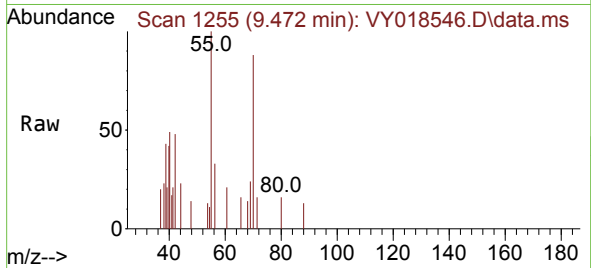
Tgt Ion:	117	Resp:	6136
Ion	Ratio	Lower	Upper
117	100		
119	3.4	75.8	113.6#
121	0.0	24.0	36.0#



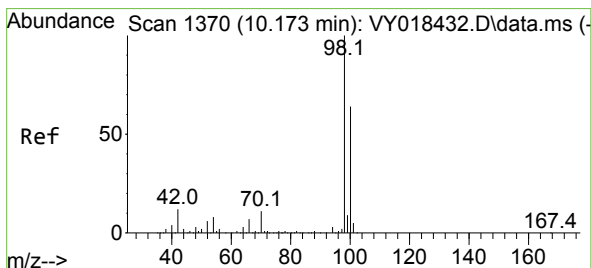
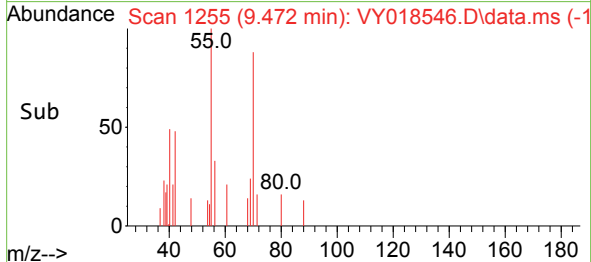
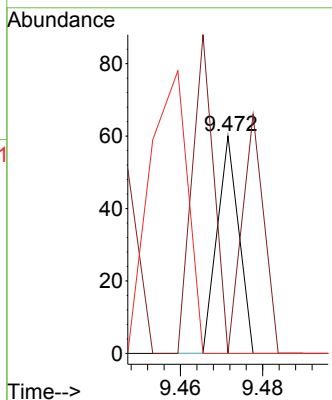


#49
1,4-Dioxane
Concen: 1.811 ug/l
RT: 9.472 min Scan# 11
Delta R.T. 0.171 min
Lab File: VY018546.D
Acq: 10 Jun 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :

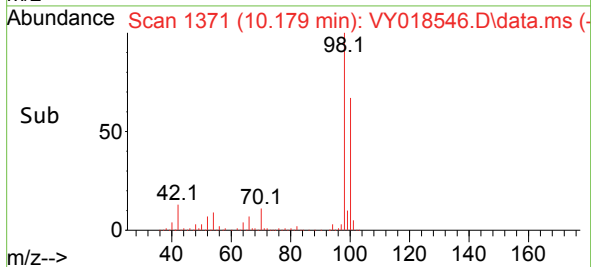
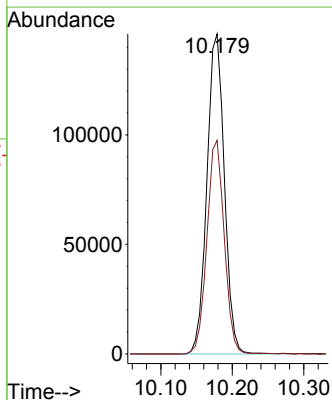
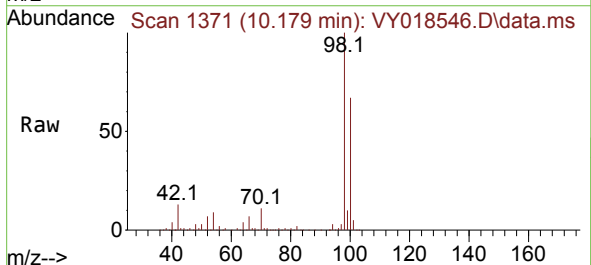


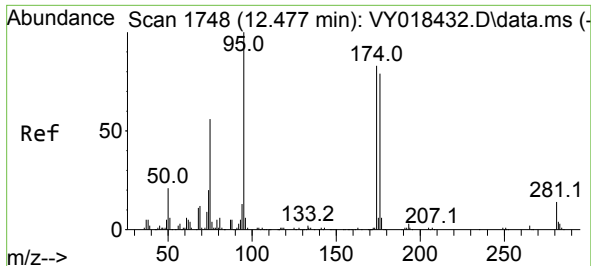
Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 227.3 49.3 73.9#



#50
Toluene-d8
Concen: 40.246 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY018546.D
Acq: 10 Jun 2024 13:24

Tgt Ion: 98 Resp: 247322
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0

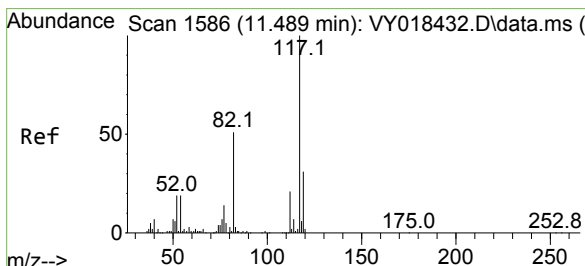
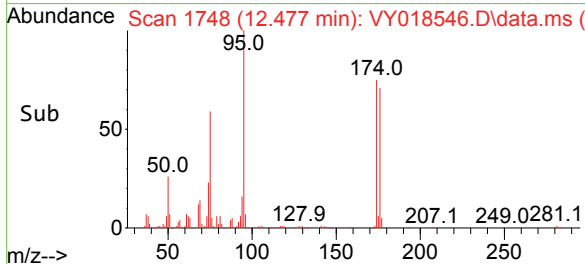
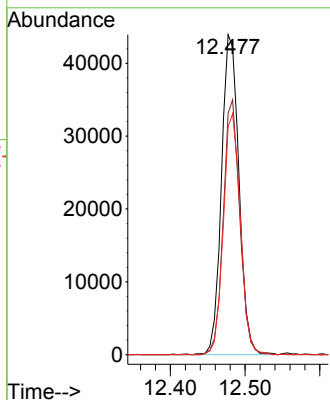
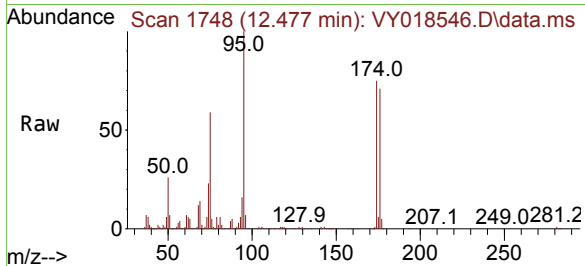




#62
4-Bromofluorobenzene
Concen: 37.261 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018546.D
Acq: 10 Jun 2024 13:24

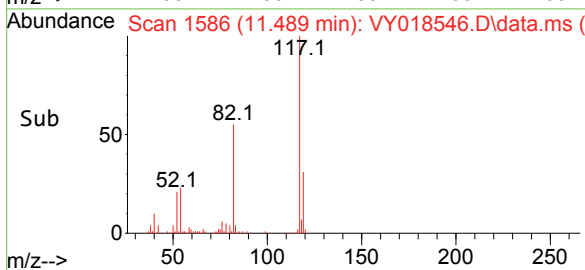
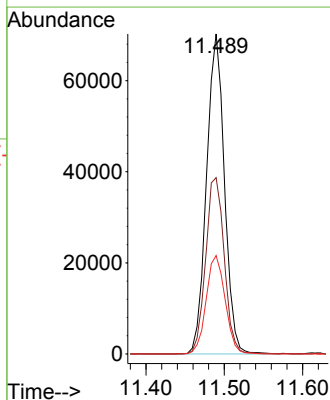
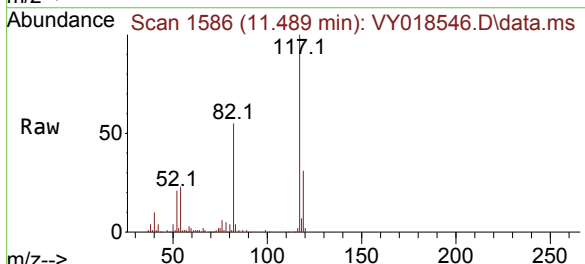
Instrument :
MSVOA_Y
ClientSampleId :

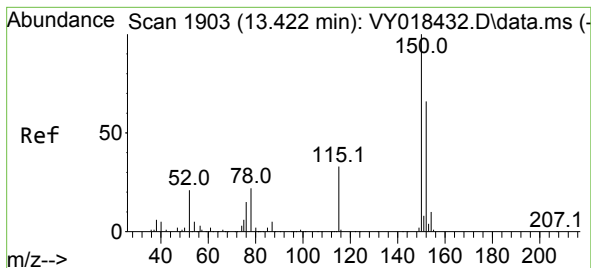
Tgt Ion: 95 Resp: 71293
Ion Ratio Lower Upper
95 100
174 75.8 0.0 175.6
176 73.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018546.D
Acq: 10 Jun 2024 13:24

Tgt Ion: 117 Resp: 111448
Ion Ratio Lower Upper
117 100
82 55.0 42.4 63.6
119 30.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

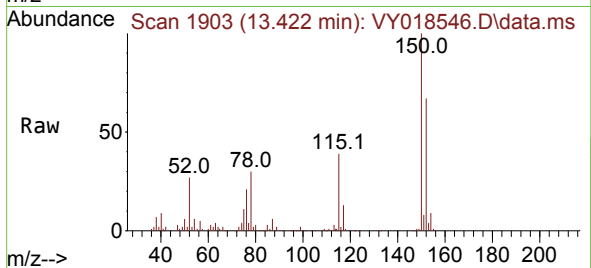
Lab File: VY018546.D

Acq: 10 Jun 2024 13:24

Instrument :

MSVOA_Y

ClientSampleId :



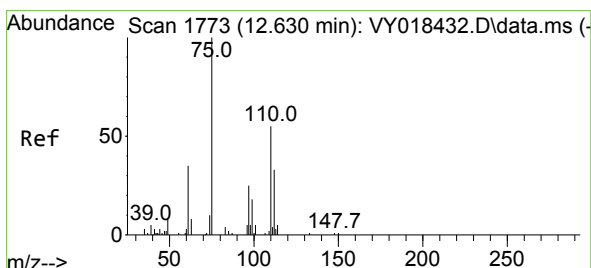
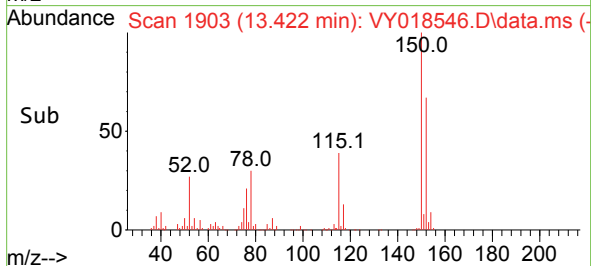
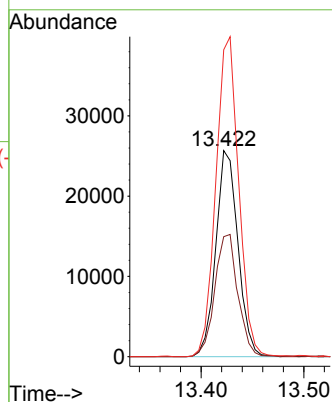
Tgt Ion:152 Resp: 38300

Ion Ratio Lower Upper

152 100

115 62.0 28.2 84.7

150 160.4 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 85.096 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018546.D

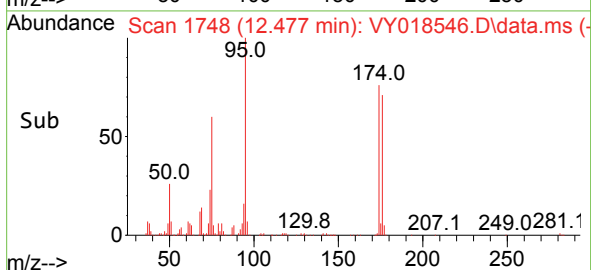
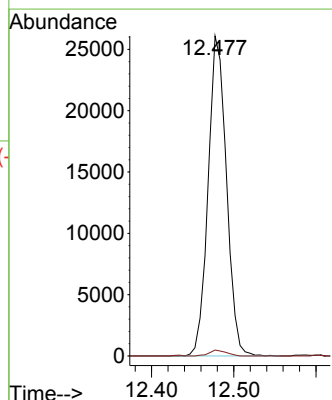
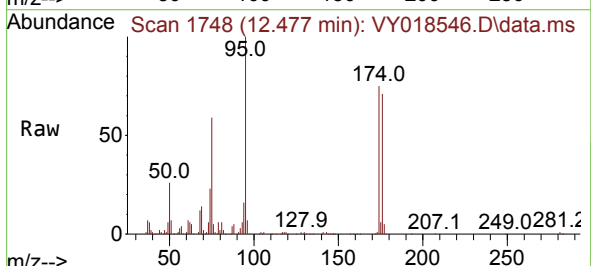
Acq: 10 Jun 2024 13:24

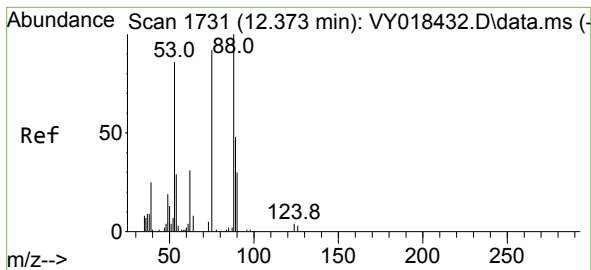
Tgt Ion: 75 Resp: 40414

Ion Ratio Lower Upper

75 100

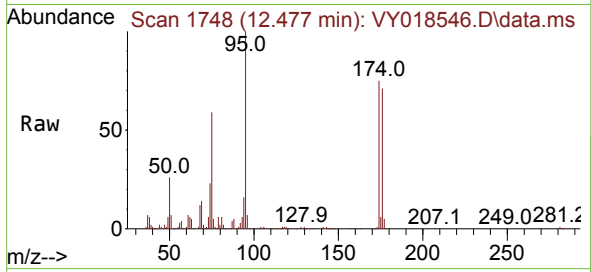
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 178.780 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018546.D
 Acq: 10 Jun 2024 13:24

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	66.8	100.2#
89	0.4	35.8	53.6#

