

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061824\
 Data File : VY018626.D
 Acq On : 18 Jun 2024 12:44
 Operator : SY/MD
 Sample : P2917-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 19 02:01:03 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)

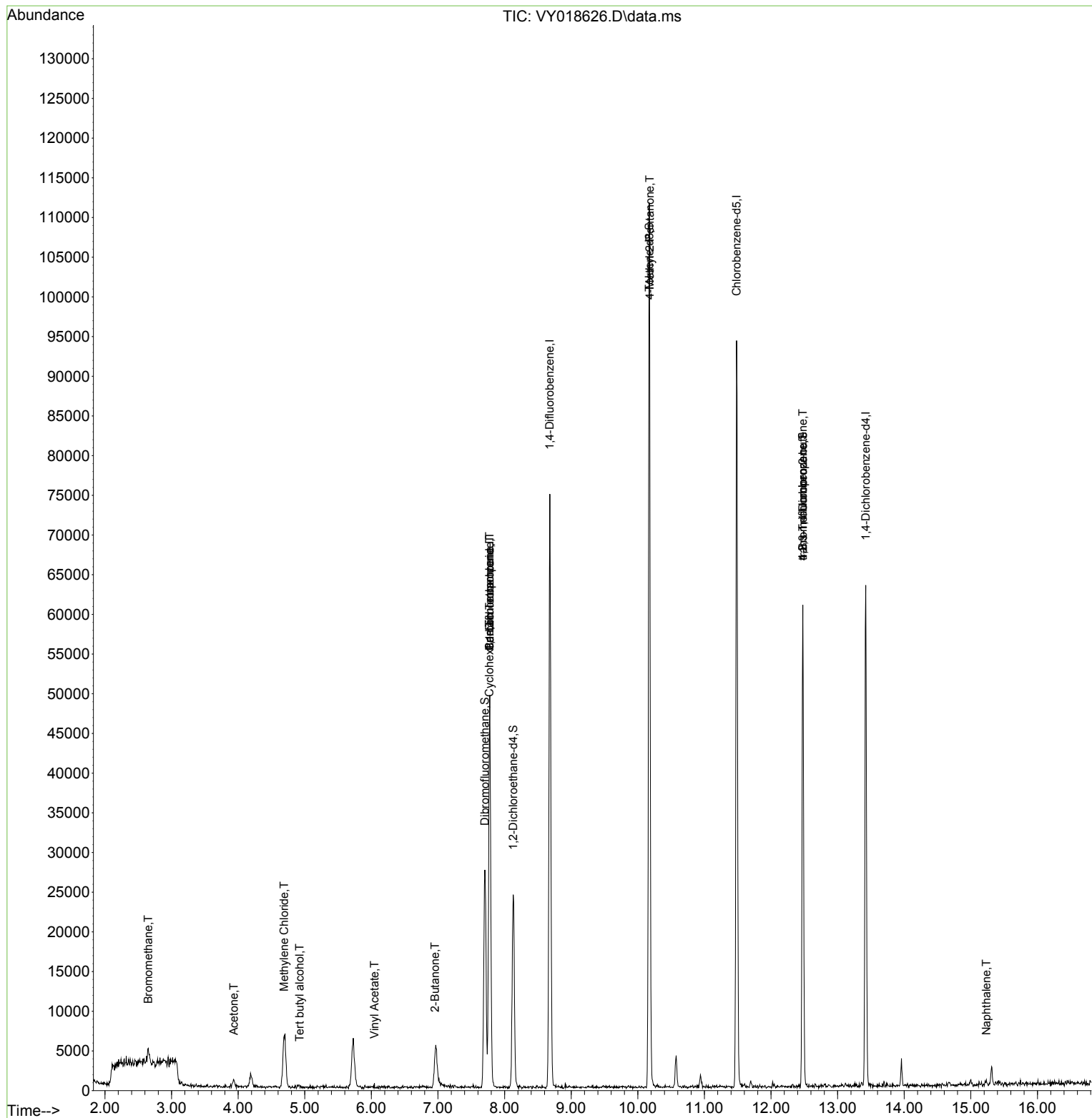
Internal Standards						
1) Pentafluorobenzene	7.777	168	36762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	62931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	50941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	16362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	18674	50.454	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.900%			
35) Dibromofluoromethane	7.704	113	20346	53.000	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.000%			
50) Toluene-d8	10.173	98	71852	48.670	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.340%			
62) 4-Bromofluorobenzene	12.477	95	17795	38.172	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 76.340%			
Target Compounds						Qvalue
5) Bromomethane	2.650	94	985	2.146	ug/l #	49
11) Tert butyl alcohol	4.924	59	110	1.652	ug/l #	88
16) Acetone	3.936	43	1328	17.636	ug/l	95
20) Methylene Chloride	4.692	84	5061	2.371	ug/l	95
23) Vinyl Acetate	6.045	43	23	23.716	ug/l #	67
25) 2-Butanone	6.954	43	188	1.666	ug/l #	41
31) Cyclohexane	7.771	56	978	1.725	ug/l #	67
36) 1,1-Dichloropropene	7.777	75	2987	5.653	ug/l #	46
38) Carbon Tetrachloride	7.777	117	3605	6.503	ug/l #	13
51) 4-Methyl-2-Pentanone	10.179	43	331	1.352	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	9870	64.307	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	9870	168.444	ug/l #	16
95) Naphthalene	15.233	128	600	1.210	ug/l #	76

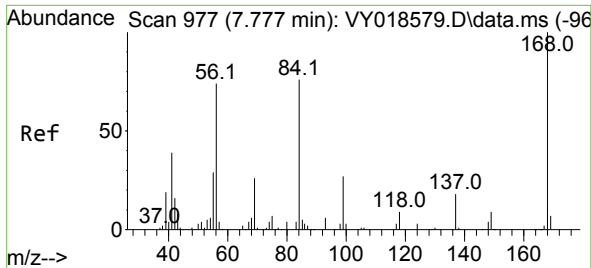
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061824\
Data File : VY018626.D
Acq On : 18 Jun 2024 12:44
Operator : SY/MD
Sample : P2917-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jun 19 02:01:03 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

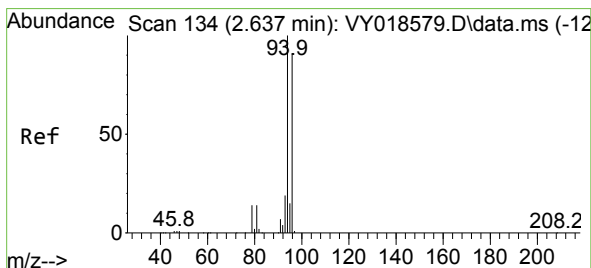
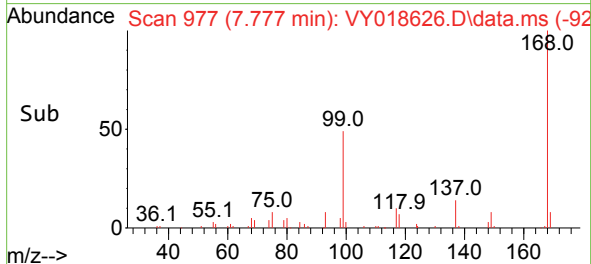
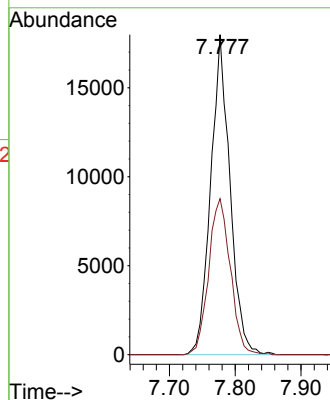
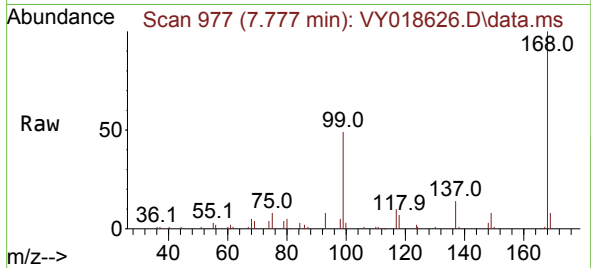




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018626.D
Acq: 18 Jun 2024 12:44

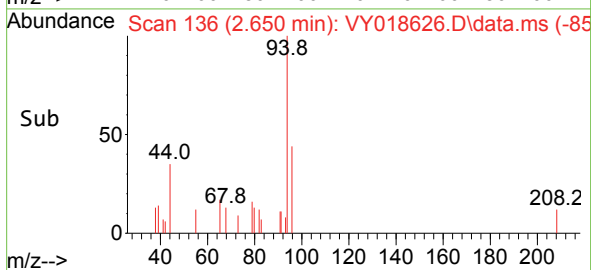
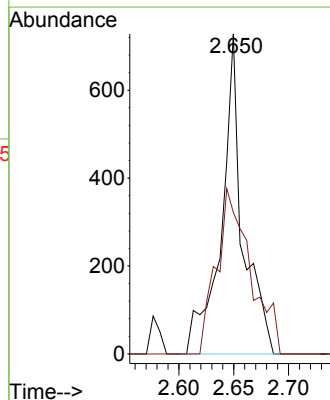
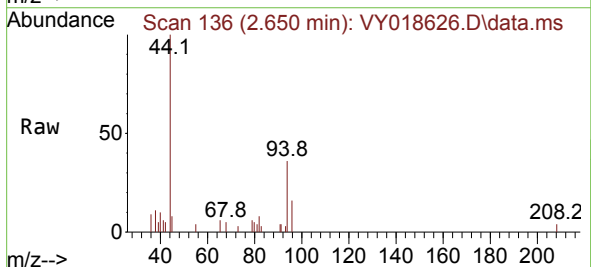
Instrument :
MSVOA_Y
ClientSampleId :

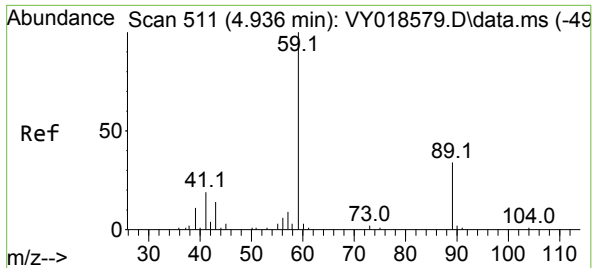
Tgt Ion:168 Resp: 36762
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#5
Bromomethane
Concen: 2.146 ug/l
RT: 2.650 min Scan# 136
Delta R.T. 0.012 min
Lab File: VY018626.D
Acq: 18 Jun 2024 12:44

Tgt Ion: 94 Resp: 985
Ion Ratio Lower Upper
94 100
96 44.2 74.1 111.1#

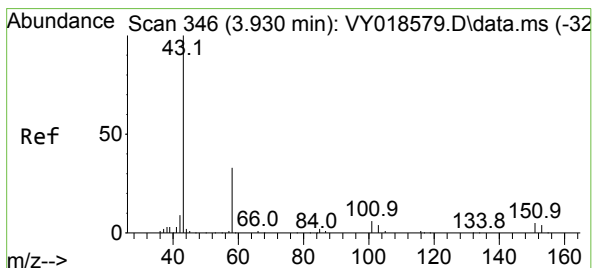
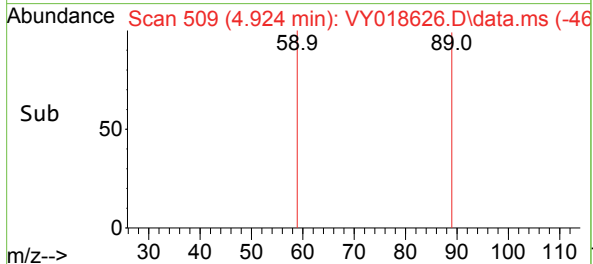
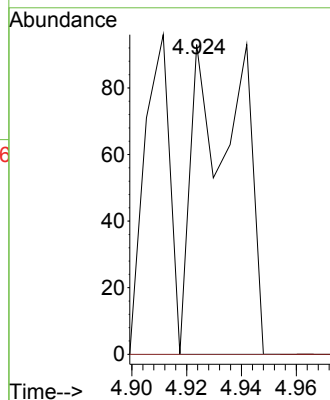
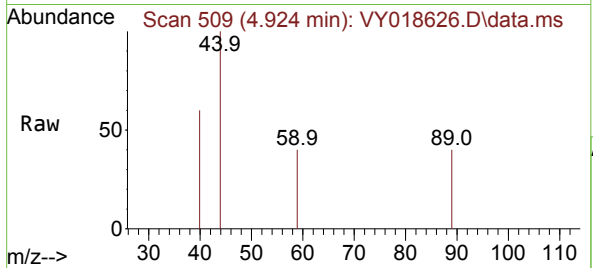




#11
Tert butyl alcohol
Concen: 1.652 ug/l
RT: 4.924 min Scan# 50
Delta R.T. -0.012 min
Lab File: VY018626.D
Acq: 18 Jun 2024 12:44

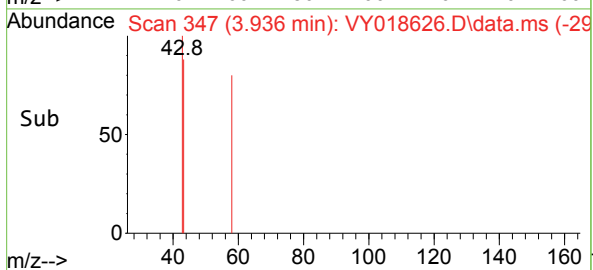
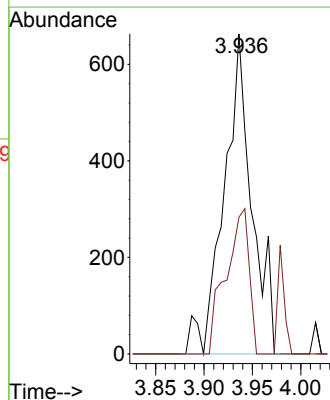
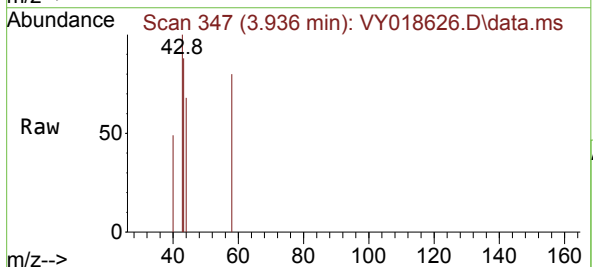
Instrument :
MSVOA_Y
ClientSampleId :

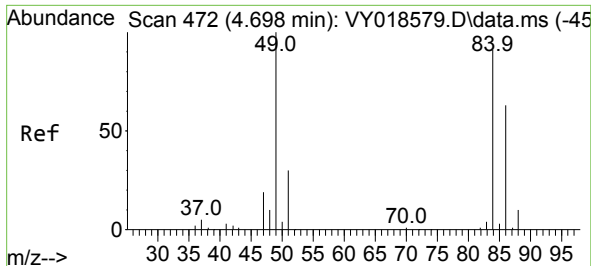
Tgt Ion: 59 Resp: 110
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#16
Acetone
Concen: 17.636 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018626.D
Acq: 18 Jun 2024 12:44

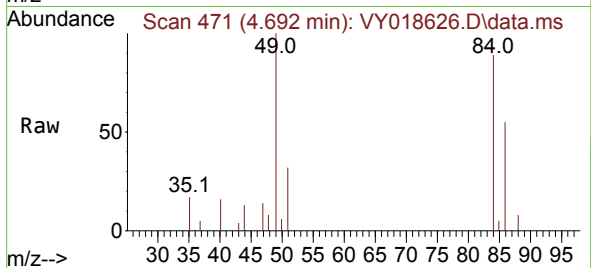
Tgt Ion: 43 Resp: 1328
Ion Ratio Lower Upper
43 100
58 42.7 31.7 47.5



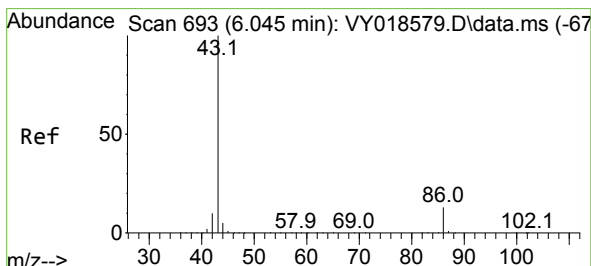
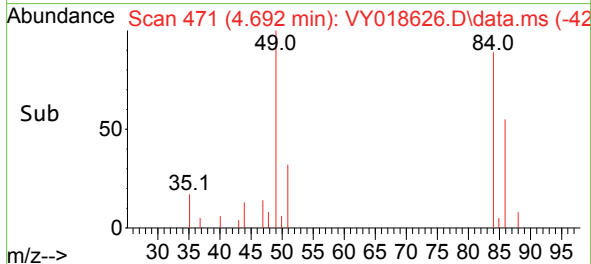
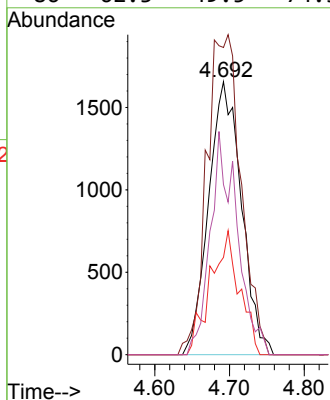


#20
Methylene Chloride
Concen: 2.371 ug/l
RT: 4.692 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018626.D
Acq: 18 Jun 2024 12:44

Instrument :
MSVOA_Y
ClientSampleId :

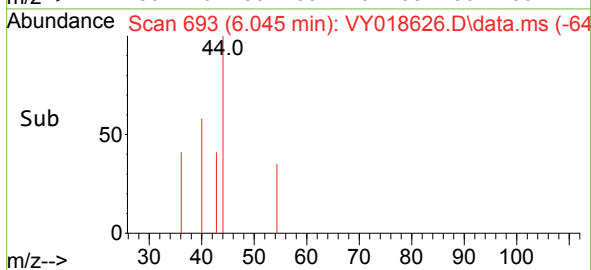
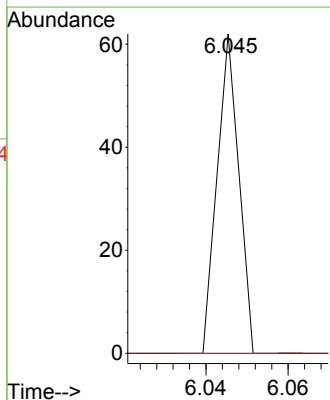
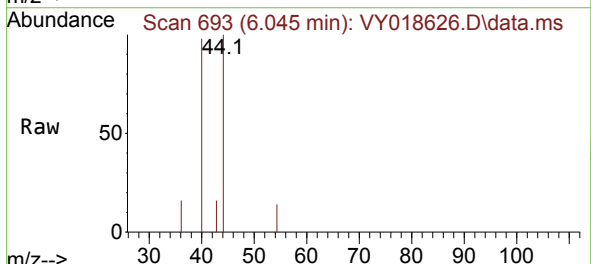


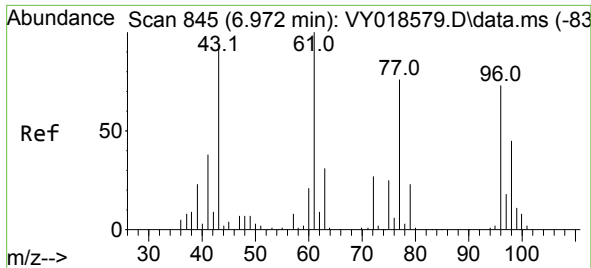
Tgt Ion: 84	Resp: 5061
Ion Ratio	Lower Upper
84 100	
49 112.5	84.4 126.6
51 35.7	26.0 39.0
86 62.3	49.5 74.3



#23
Vinyl Acetate
Concen: 23.716 ug/l
RT: 6.045 min Scan# 693
Delta R.T. 0.000 min
Lab File: VY018626.D
Acq: 18 Jun 2024 12:44

Tgt Ion: 43	Resp: 23		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	10.6	16.0#	

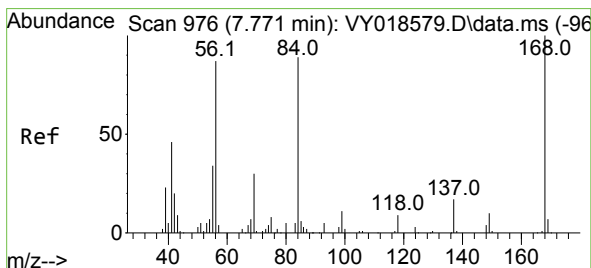
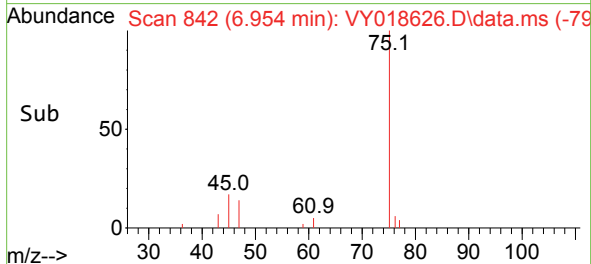
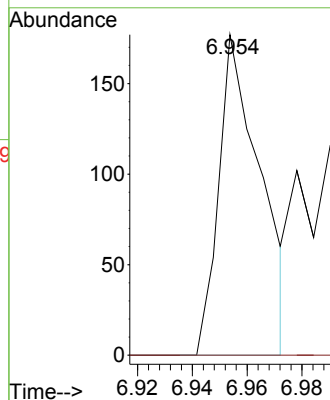
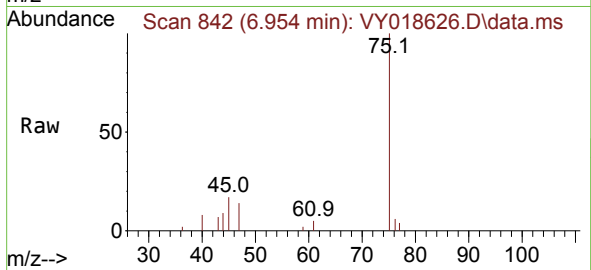




#25
2-Butanone
Concen: 1.666 ug/l
RT: 6.954 min Scan# 84
Delta R.T. -0.018 min
Lab File: VY018626.D
Acq: 18 Jun 2024 12:44

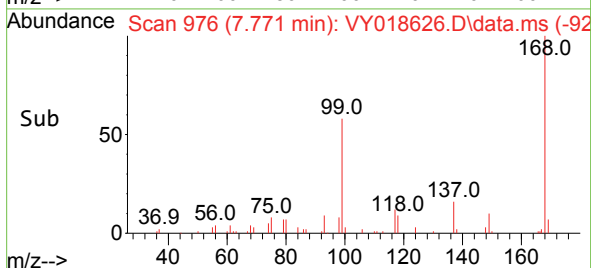
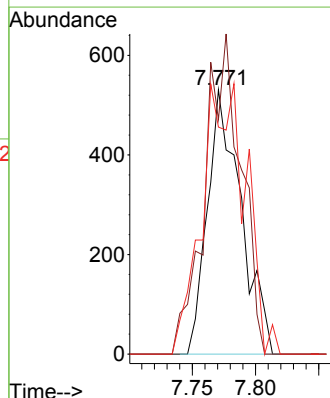
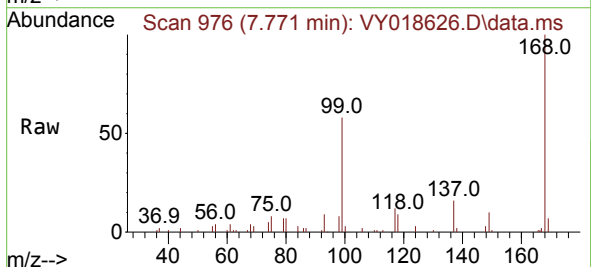
Instrument :
MSVOA_Y
ClientSampleId :

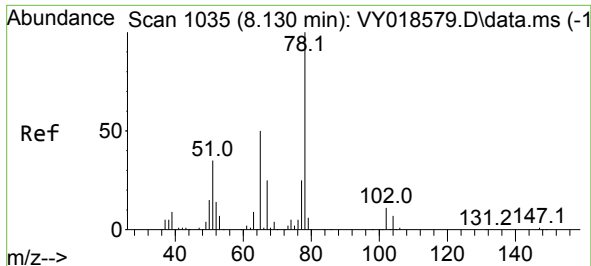
Tgt Ion: 43 Resp: 188
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.725 ug/l
RT: 7.771 min Scan# 976
Delta R.T. 0.000 min
Lab File: VY018626.D
Acq: 18 Jun 2024 12:44

Tgt Ion: 56 Resp: 978
Ion Ratio Lower Upper
56 100
69 88.7 28.7 43.1#
84 85.9 77.7 116.5

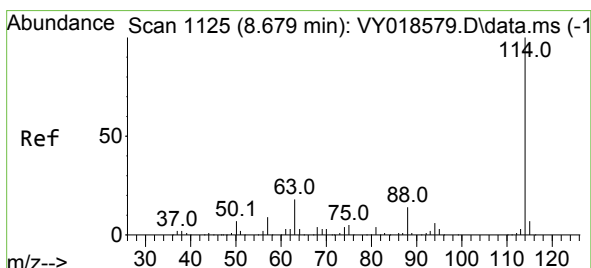
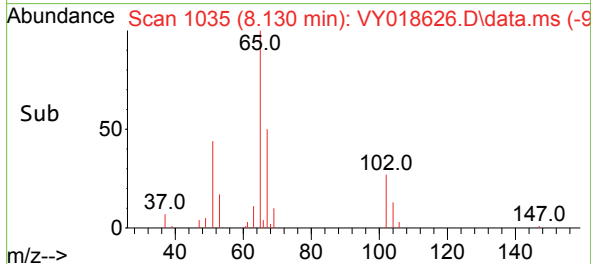
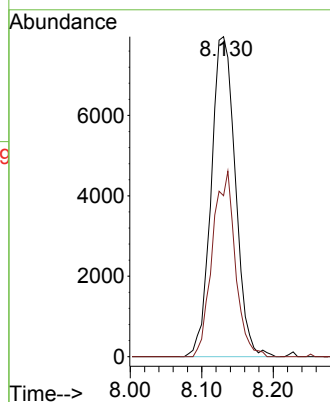
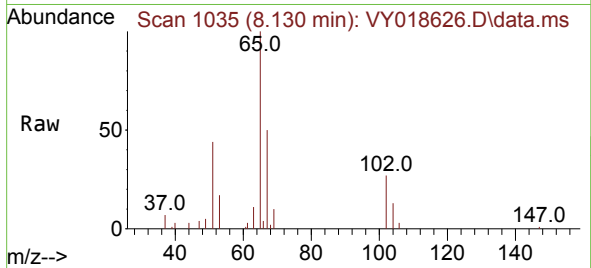




#33
 1,2-Dichloroethane-d4
 Concen: 50.454 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VY018626.D
 Acq: 18 Jun 2024 12:44

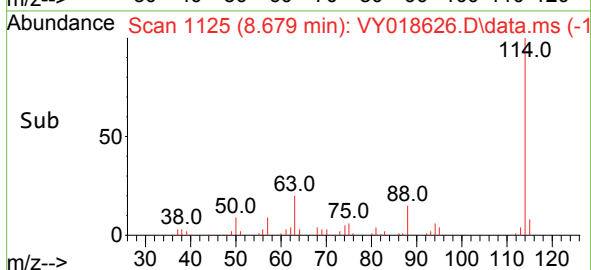
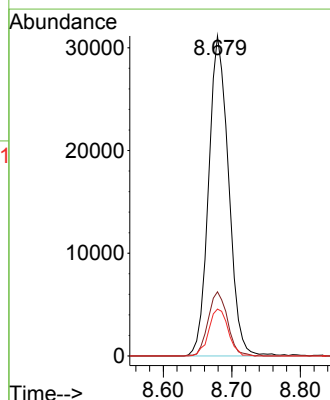
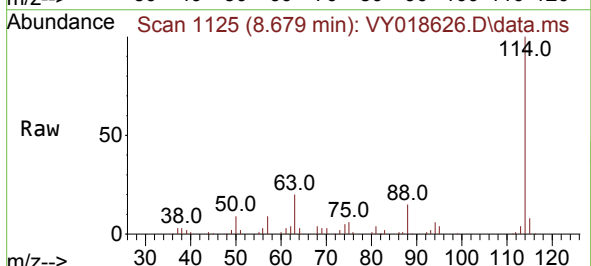
Instrument :
 MSVOA_Y
 ClientSampleId :

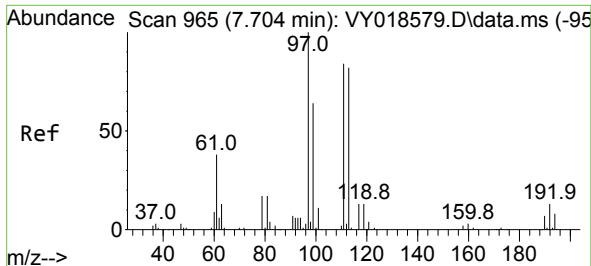
Tgt Ion: 65 Resp: 18674
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.679 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: VY018626.D
 Acq: 18 Jun 2024 12:44

Tgt Ion: 114 Resp: 62931
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 35.0
 88 14.6 0.0 27.2

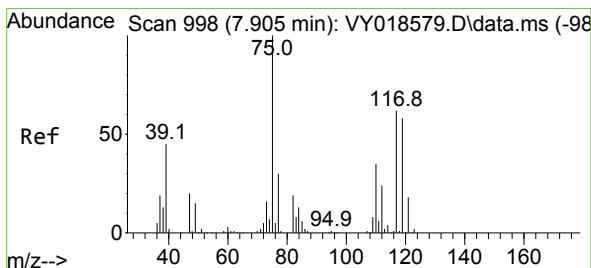
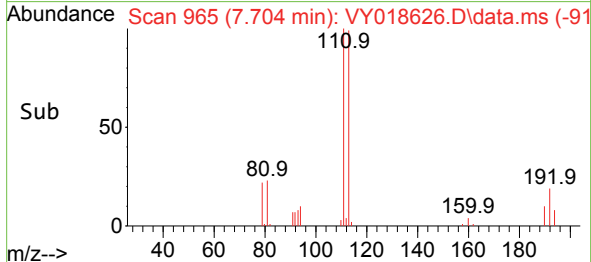
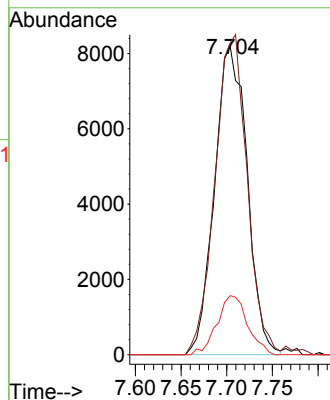
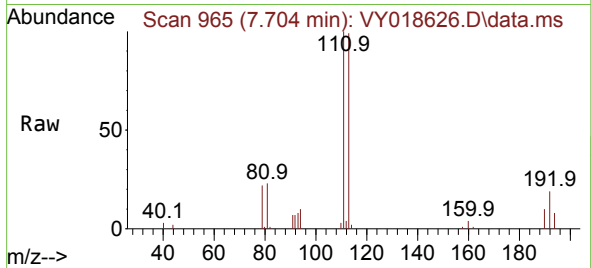




#35
Dibromofluoromethane
Concen: 53.000 ug/l
RT: 7.704 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY018626.D
Acq: 18 Jun 2024 12:44

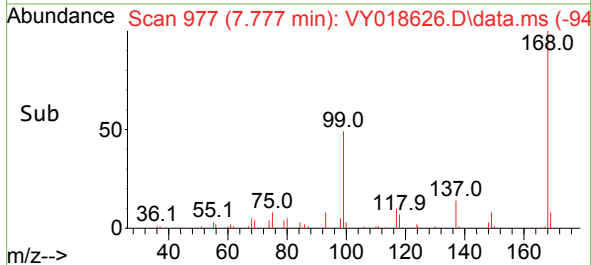
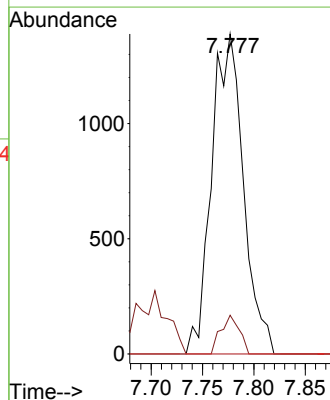
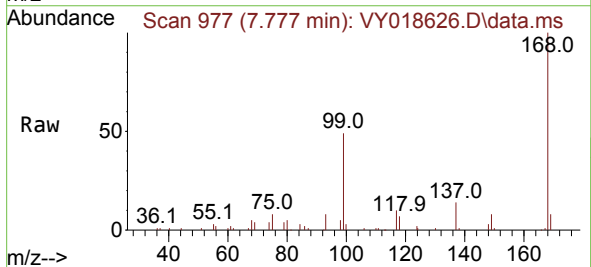
Instrument :
MSVOA_Y
ClientSampleId :

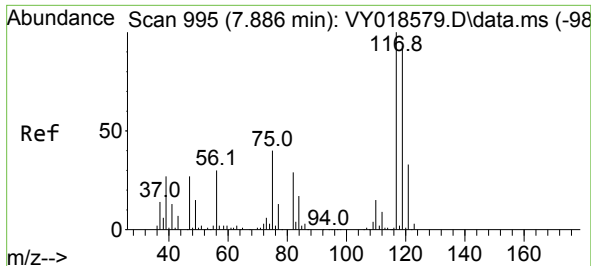
Tgt Ion:113 Resp: 20346
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 17.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.653 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY018626.D
Acq: 18 Jun 2024 12:44

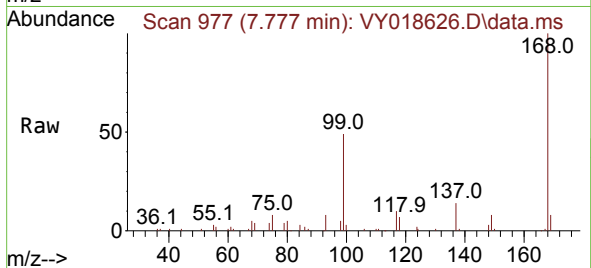
Tgt Ion: 75 Resp: 2987
Ion Ratio Lower Upper
75 100
110 7.1 19.0 57.0#
77 0.0 25.3 37.9#



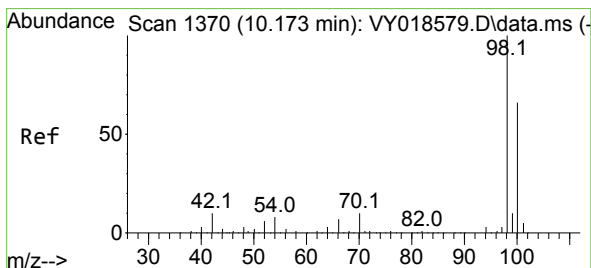
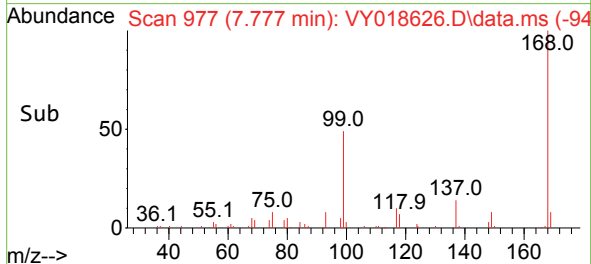
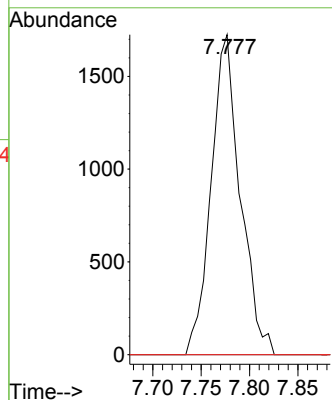


#38
Carbon Tetrachloride
Concen: 6.503 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018626.D
Acq: 18 Jun 2024 12:44

Instrument :
MSVOA_Y
ClientSampleId :

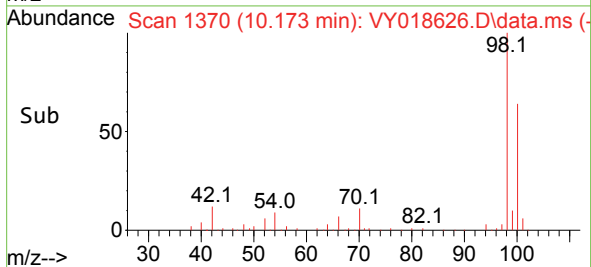
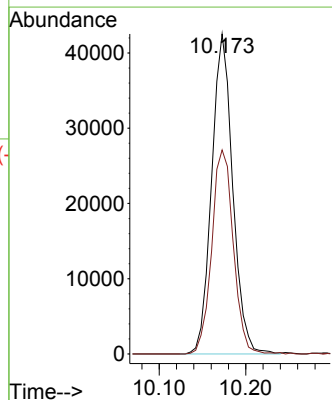
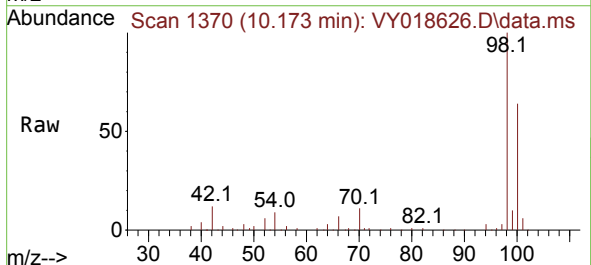


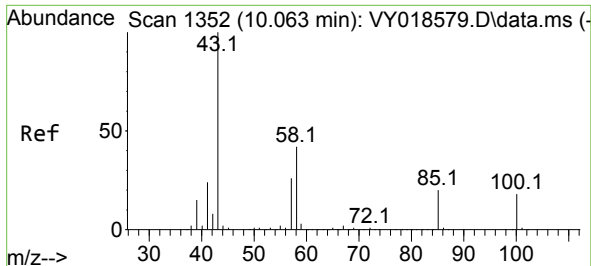
Tgt Ion:117 Resp: 3605
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.670 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018626.D
Acq: 18 Jun 2024 12:44

Tgt Ion: 98 Resp: 71852
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

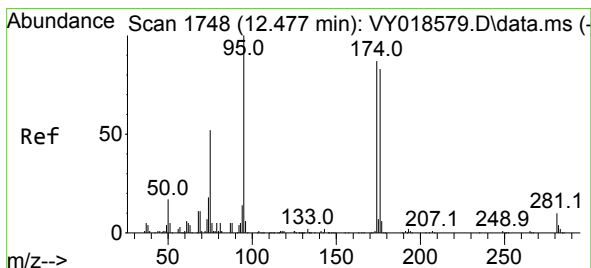
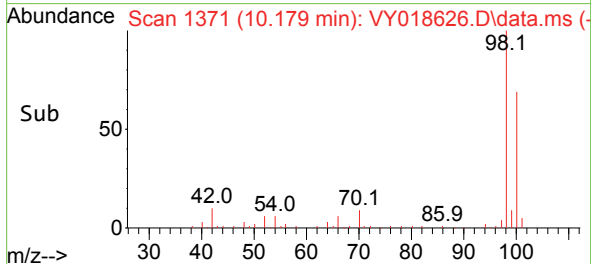
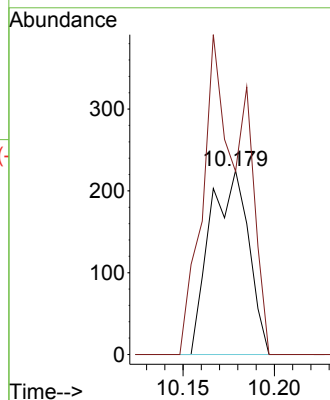
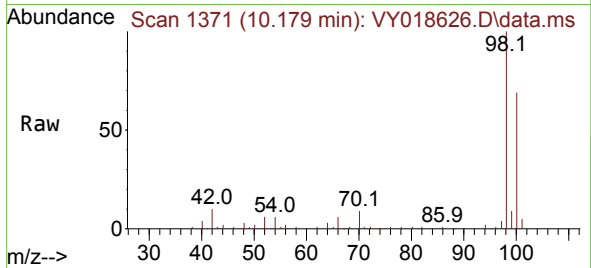




#51
4-Methyl-2-Pentanone
Concen: 1.352 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY018626.D
Acq: 18 Jun 2024 12:44

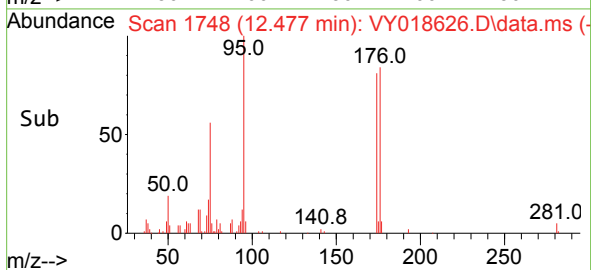
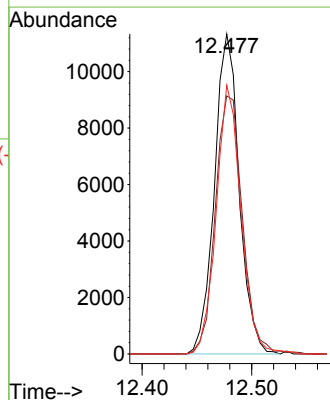
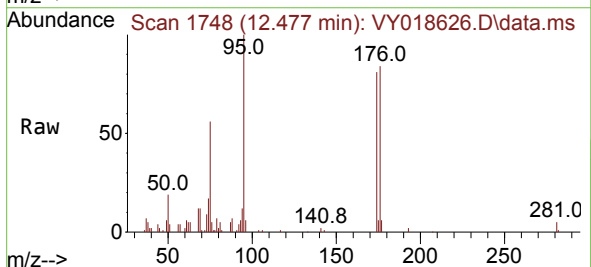
Instrument :
MSVOA_Y
ClientSampleId :

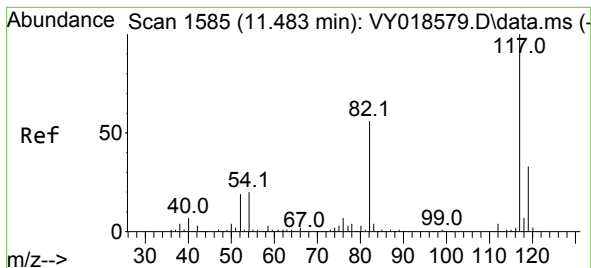
Tgt Ion: 43 Resp: 331
Ion Ratio Lower Upper
43 100
58 177.9 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 38.172 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018626.D
Acq: 18 Jun 2024 12:44

Tgt Ion: 95 Resp: 17795
Ion Ratio Lower Upper
95 100
174 88.2 0.0 175.6
176 84.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. 0.000 min

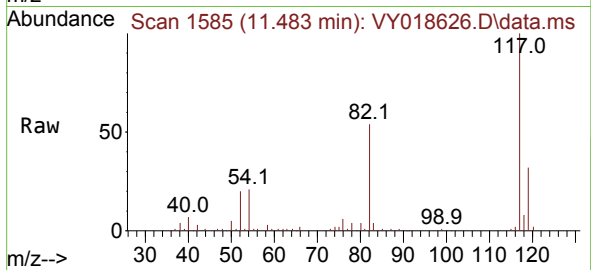
Lab File: VY018626.D

Acq: 18 Jun 2024 12:44

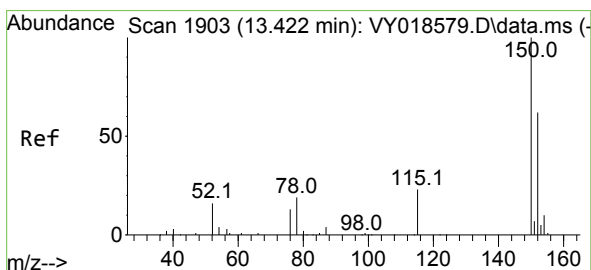
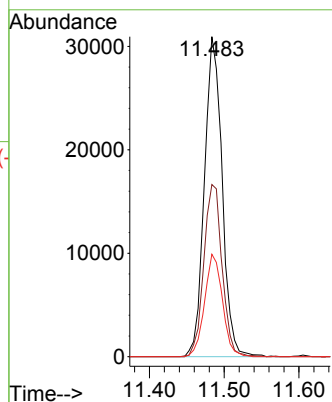
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:117	Resp:	50941
Ion	Ratio	Lower Upper
117	100	
82	53.8	42.4 63.6
119	32.0	25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

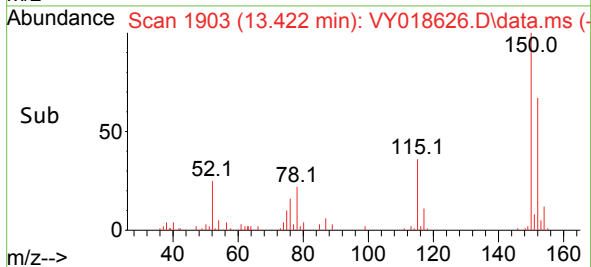
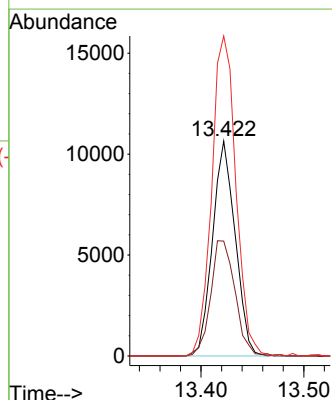
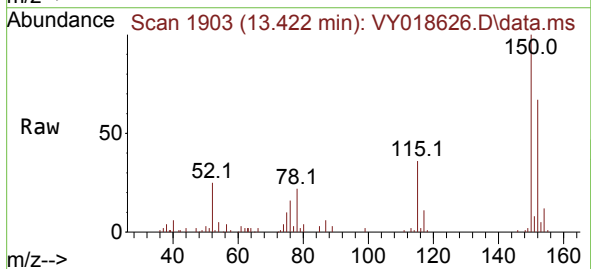
RT: 13.422 min Scan# 1903

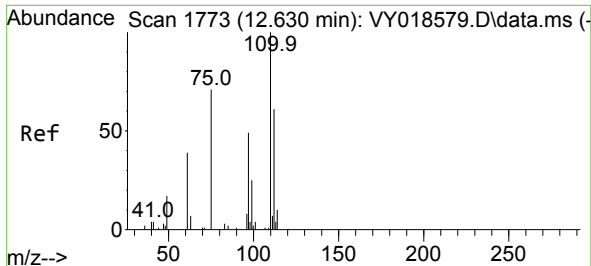
Delta R.T. 0.000 min

Lab File: VY018626.D

Acq: 18 Jun 2024 12:44

Tgt Ion:152	Resp:	16362
Ion	Ratio	Lower Upper
152	100	
115	57.1	28.2 84.7
150	158.0	0.0 345.6

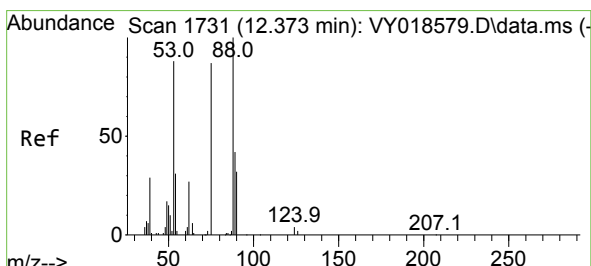
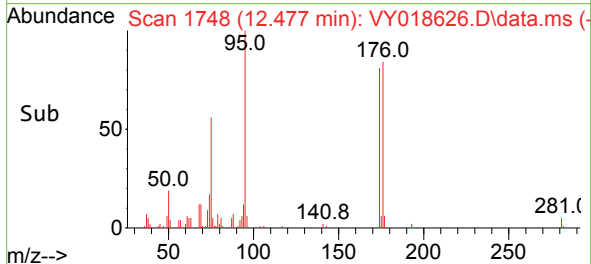
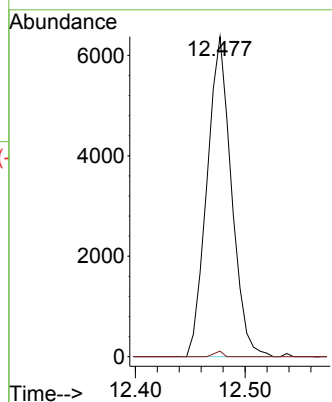
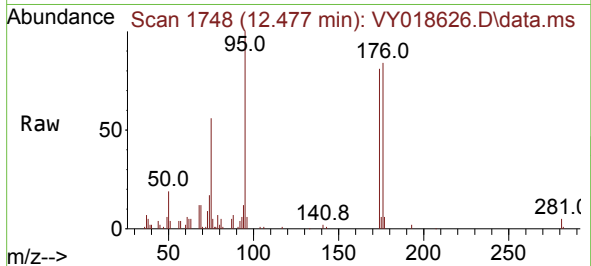




#76
1,2,3-Trichloropropane
Concen: 64.307 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018626.D
Acq: 18 Jun 2024 12:44

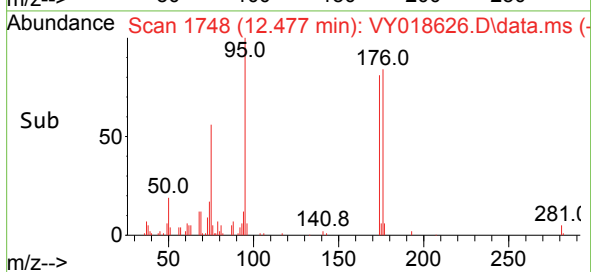
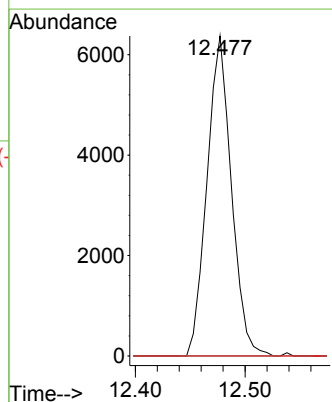
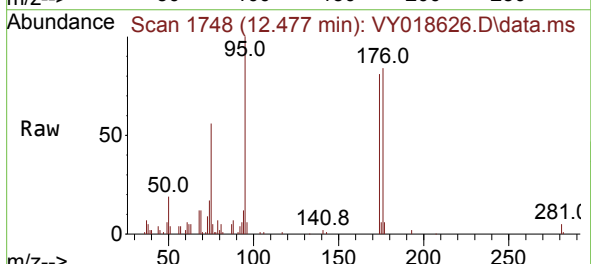
Instrument :
MSVOA_Y
ClientSampleId :

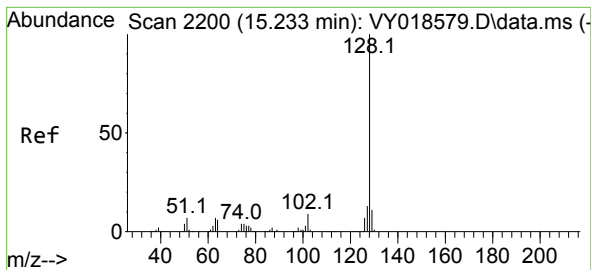
Tgt Ion: 75 Resp: 9870
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 168.444 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018626.D
Acq: 18 Jun 2024 12:44

Tgt Ion: 75 Resp: 9870
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95

Naphthalene

Concen: 1.210 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

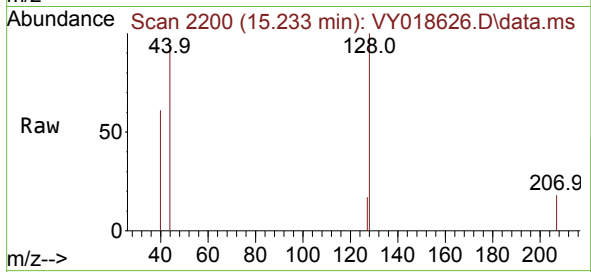
Lab File: VY018626.D

Acq: 18 Jun 2024 12:44

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 600

Ion Ratio Lower Upper

128 100

127 4.8 10.6 16.0#

129 0.0 8.6 13.0#

