

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
 Data File : VY018606.D
 Acq On : 17 Jun 2024 13:32
 Operator : SY/MD
 Sample : VY0617SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 01:22:10 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)

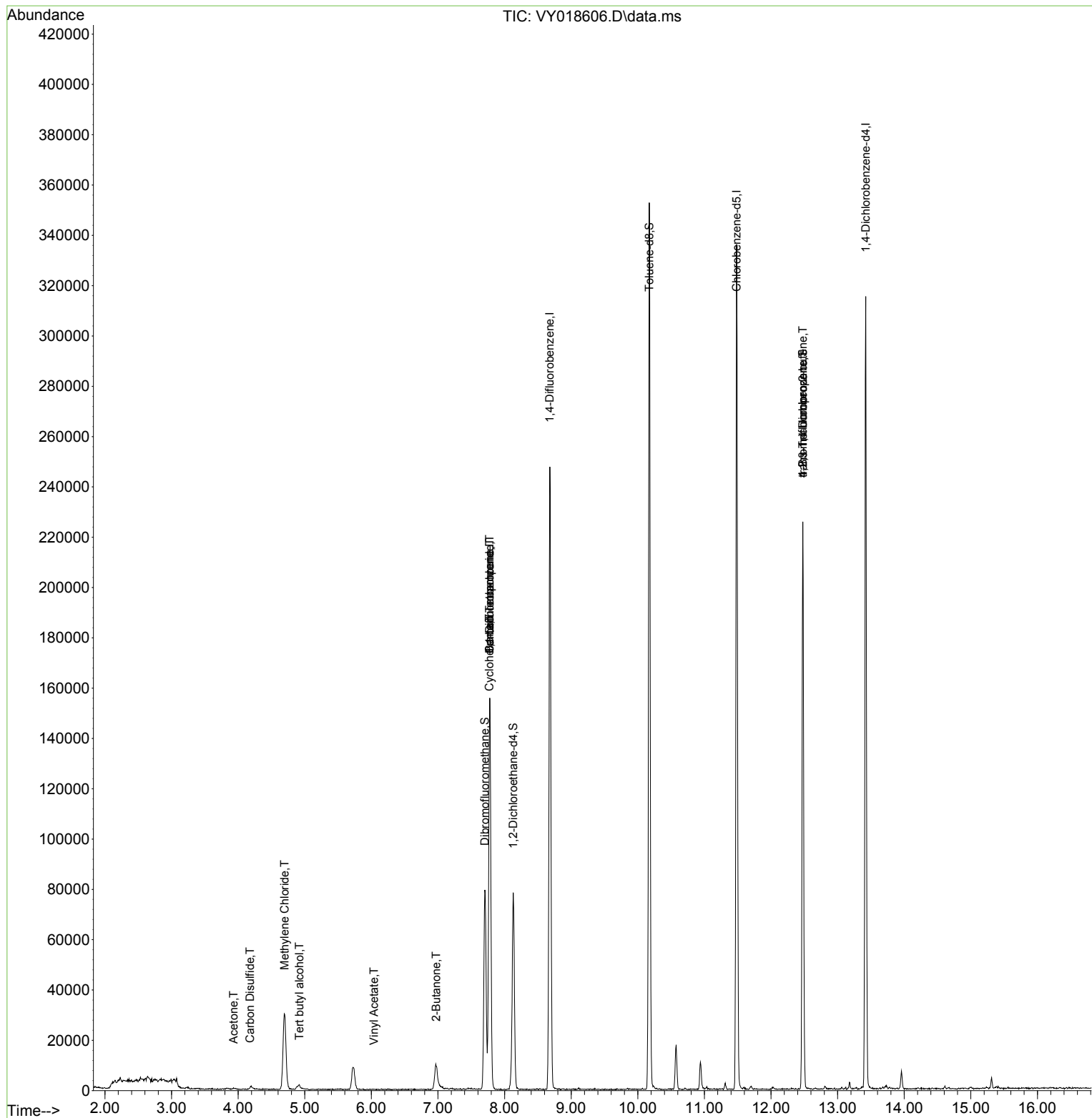
Internal Standards						
1) Pentafluorobenzene	7.777	168	117126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	211440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	177569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	58213	49.366	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.740%
35) Dibromofluoromethane	7.704	113	57082	44.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.520%
50) Toluene-d8	10.173	98	221585	44.673	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.340%
62) 4-Bromofluorobenzene	12.477	95	62523	39.918	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.840%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	1371	6.464	ug/l #	93
16) Acetone	3.930	43	842	3.510	ug/l #	75
17) Carbon Disulfide	4.180	76	57	2.235	ug/l #	76
20) Methylene Chloride	4.698	84	22929	7.978	ug/l	90
23) Vinyl Acetate	6.039	43	26	23.704	ug/l #	67
25) 2-Butanone	6.972	43	547	1.521	ug/l #	41
31) Cyclohexane	7.771	56	2802	1.551	ug/l #	2
36) 1,1-Dichloropropene	7.777	75	10408	5.862	ug/l #	47
38) Carbon Tetrachloride	7.777	117	12316	6.612	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	36670	51.500	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	36670	134.897	ug/l #	16

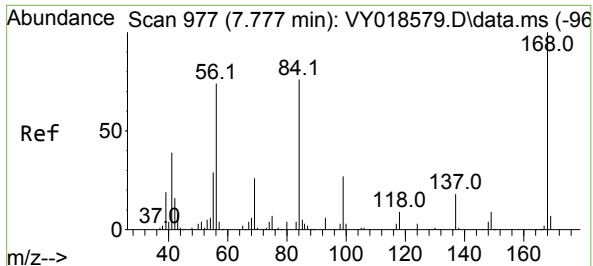
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
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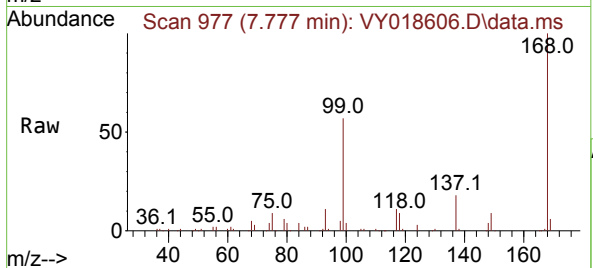
Quant Time: Jun 18 01:22:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
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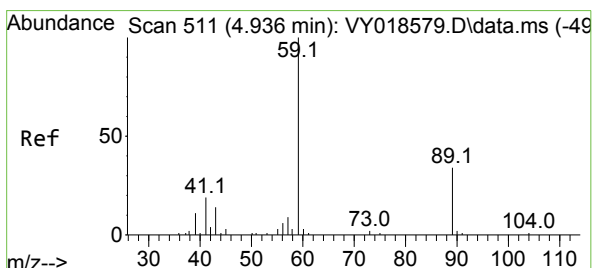
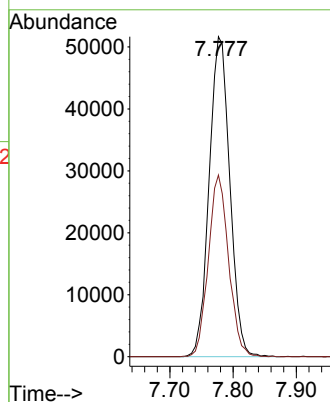
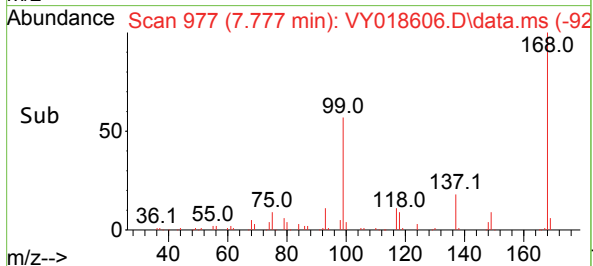


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018606.D
Acq: 17 Jun 2024 13:32

Instrument :
MSVOA_Y
ClientSampleId :

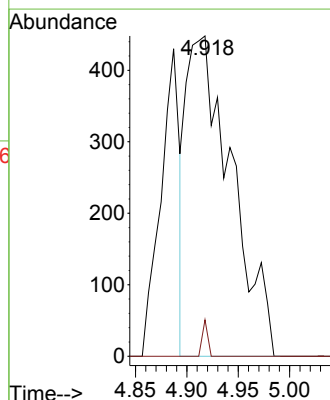
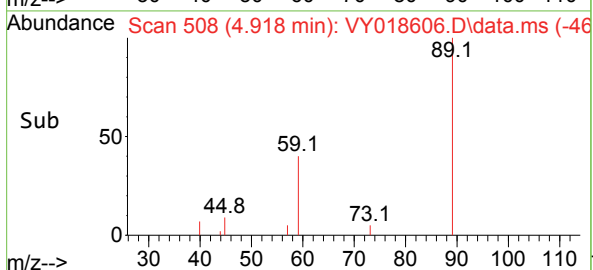
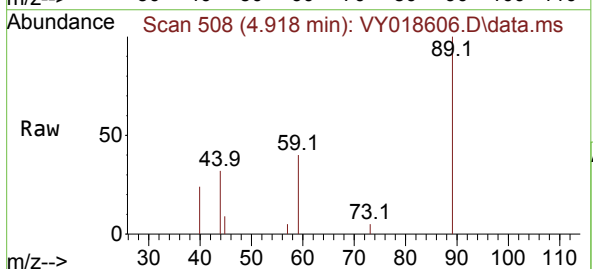


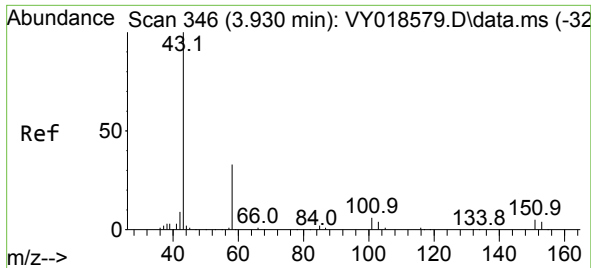
Tgt Ion:168 Resp: 117126
Ion Ratio Lower Upper
168 100
99 56.7 39.1 58.7



#11
Tert butyl alcohol
Concen: 6.464 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.018 min
Lab File: VY018606.D
Acq: 17 Jun 2024 13:32

Tgt Ion: 59 Resp: 1371
Ion Ratio Lower Upper
59 100
57 1.4 3.0 4.6#





#16

Acetone

Concen: 3.510 ug/l

RT: 3.930 min Scan# 346

Delta R.T. 0.000 min

Lab File: VY018606.D

Acq: 17 Jun 2024 13:32

Instrument :

MSVOA_Y

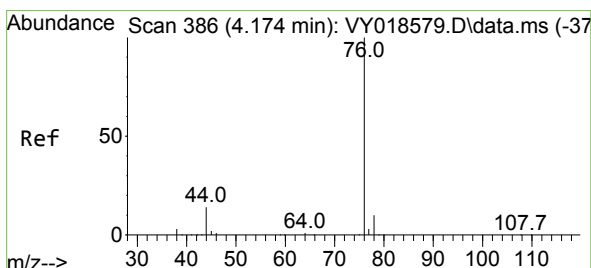
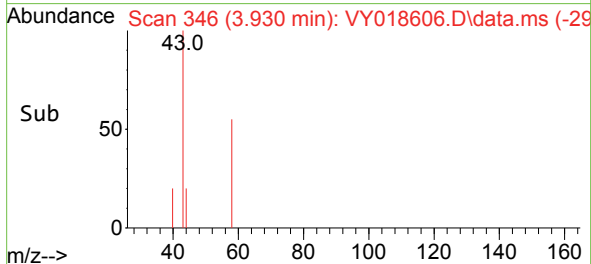
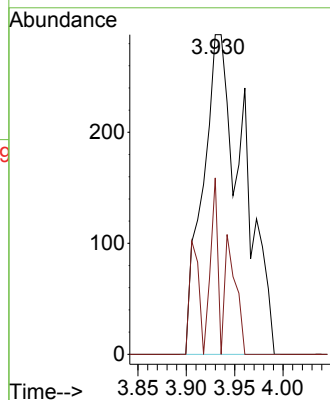
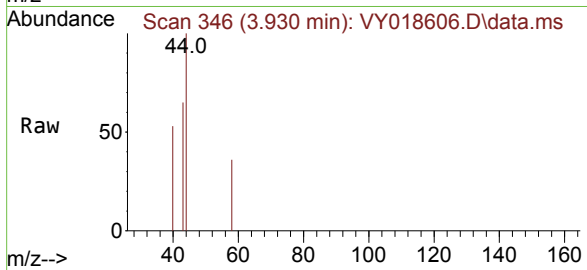
ClientSampleId :

Tgt Ion: 43 Resp: 842

Ion Ratio Lower Upper

43 100

58 55.2 31.7 47.5#



#17

Carbon Disulfide

Concen: 2.235 ug/l

RT: 4.180 min Scan# 387

Delta R.T. 0.006 min

Lab File: VY018606.D

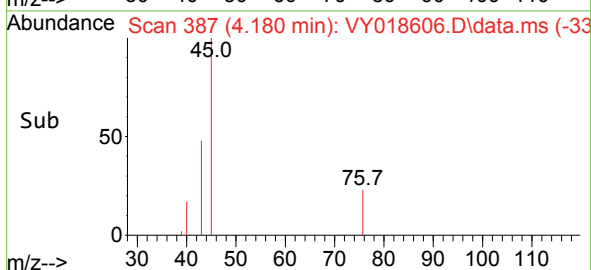
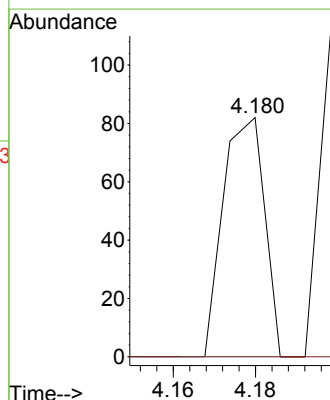
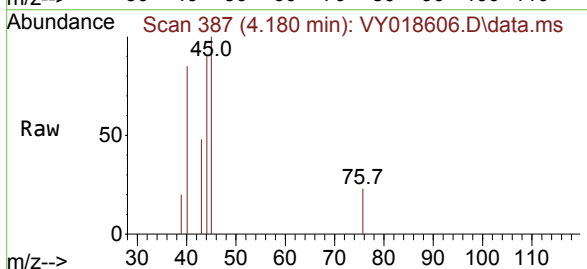
Acq: 17 Jun 2024 13:32

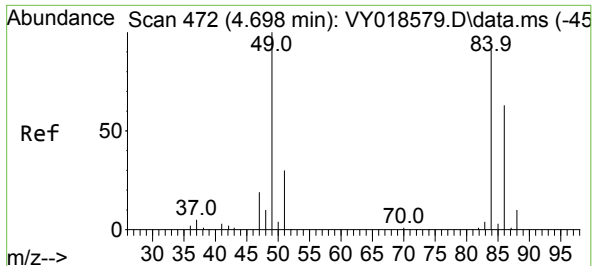
Tgt Ion: 76 Resp: 57

Ion Ratio Lower Upper

76 100

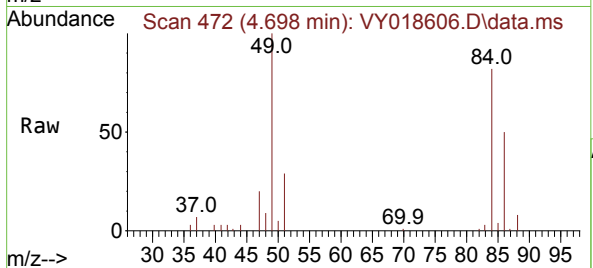
78 0.0 6.8 10.2#



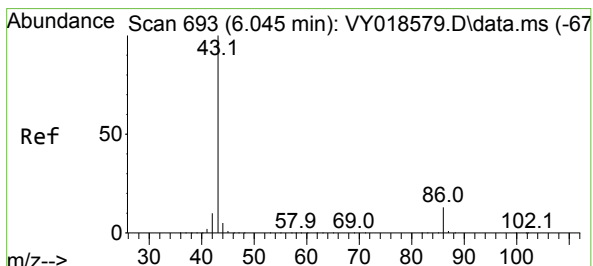
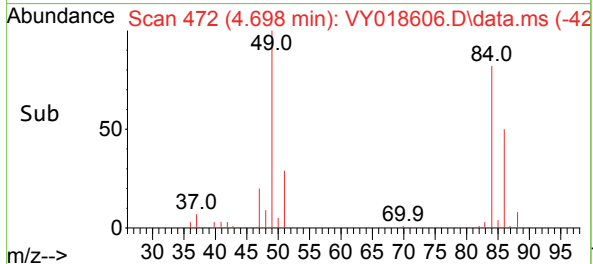
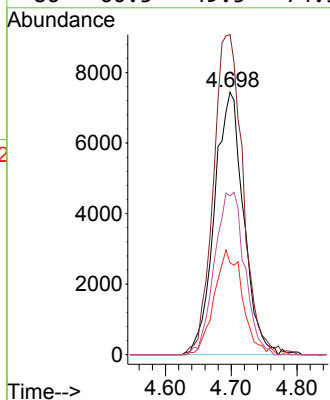


#20
Methylene Chloride
Concen: 7.978 ug/l
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018606.D
Acq: 17 Jun 2024 13:32

Instrument :
MSVOA_Y
ClientSampleId :

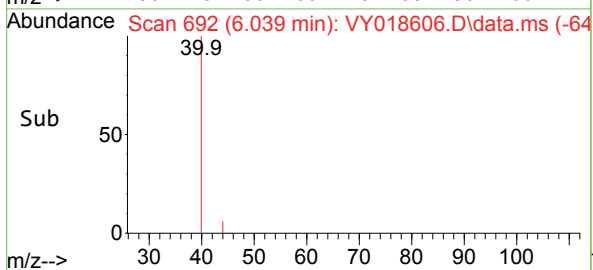
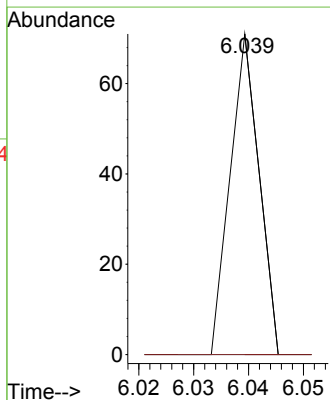
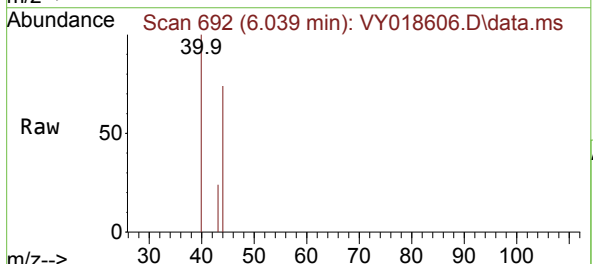


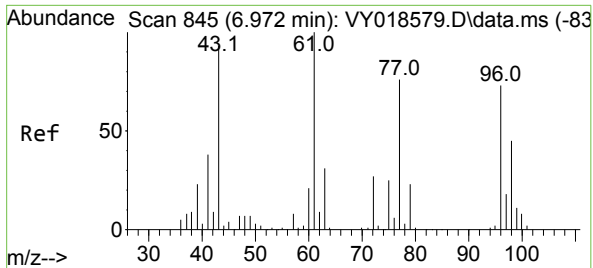
Tgt Ion:	84	Resp:	22929
Ion	Ratio	Lower	Upper
84	100		
49	121.9	84.4	126.6
51	35.0	26.0	39.0
86	60.5	49.5	74.3



#23
Vinyl Acetate
Concen: 23.704 ug/l
RT: 6.039 min Scan# 692
Delta R.T. -0.006 min
Lab File: VY018606.D
Acq: 17 Jun 2024 13:32

Tgt Ion:	43	Resp:	26
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.6	16.0#





#25

2-Butanone

Concen: 1.521 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY018606.D

Acq: 17 Jun 2024 13:32

Instrument :

MSVOA_Y

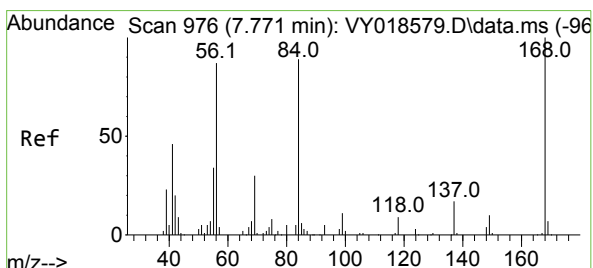
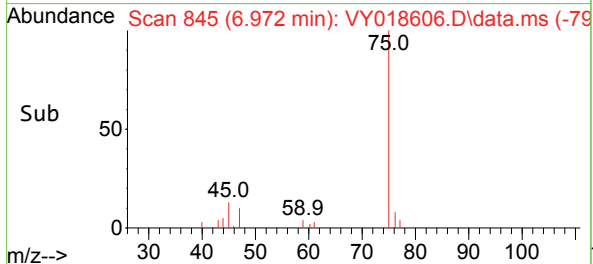
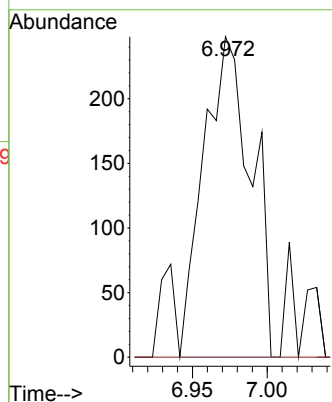
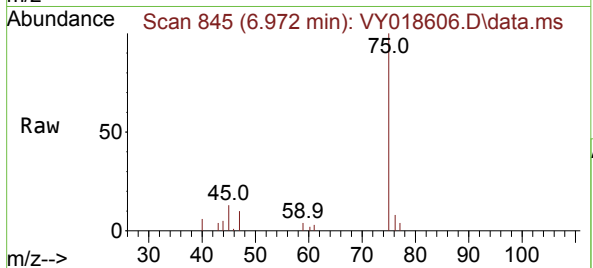
ClientSampleId :

Tgt Ion: 43 Resp: 547

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.551 ug/l

RT: 7.771 min Scan# 976

Delta R.T. 0.000 min

Lab File: VY018606.D

Acq: 17 Jun 2024 13:32

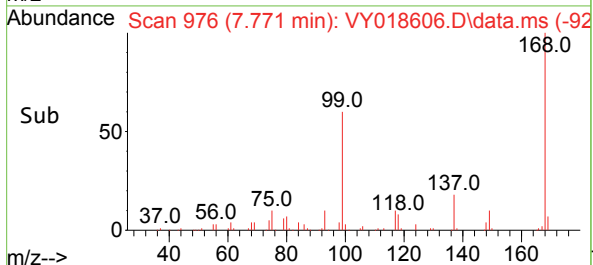
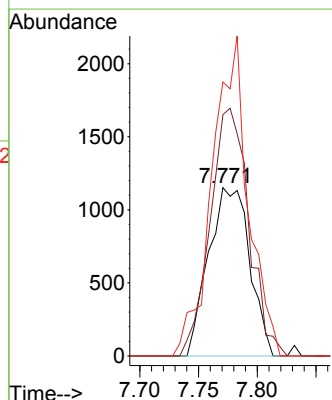
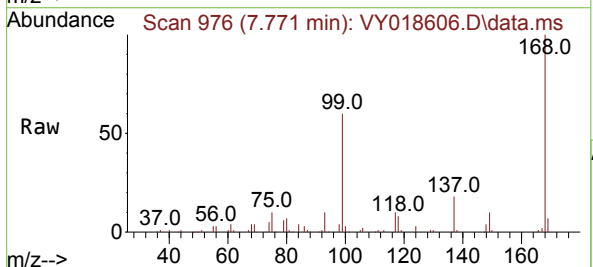
Tgt Ion: 56 Resp: 2802

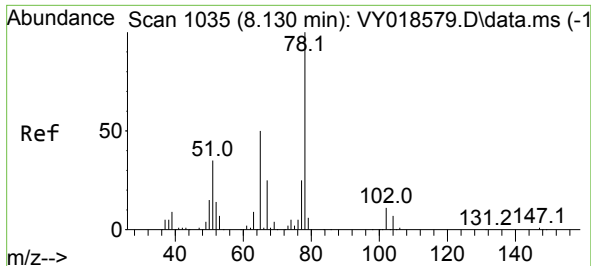
Ion Ratio Lower Upper

56 100

69 143.3 28.7 43.1#

84 162.8 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 49.366 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018606.D

Acq: 17 Jun 2024 13:32

Instrument :

MSVOA_Y

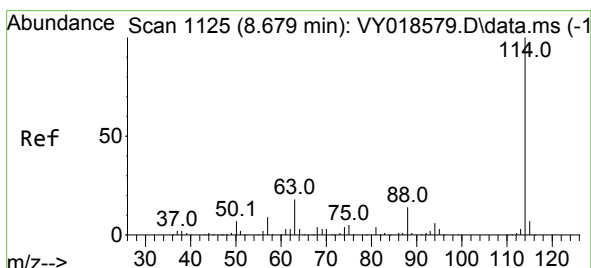
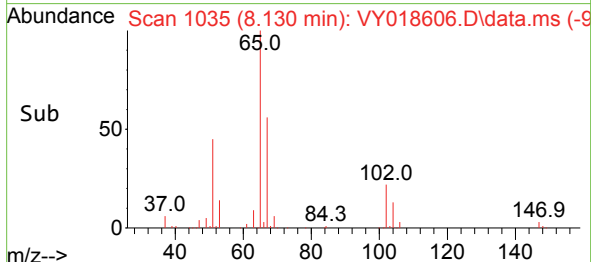
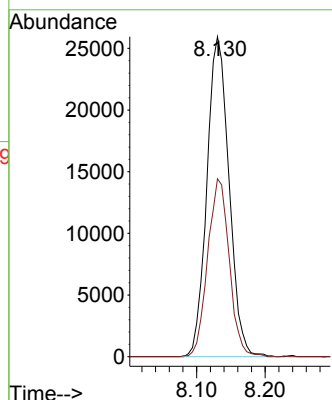
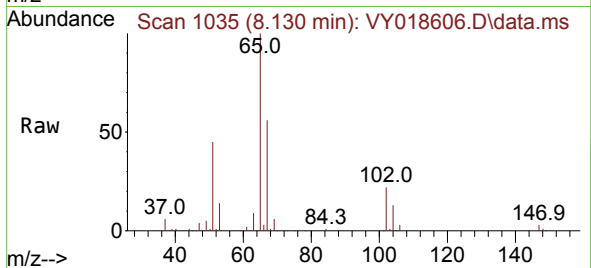
ClientSampleId :

Tgt Ion: 65 Resp: 58213

Ion Ratio Lower Upper

65 100

67 54.1 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: VY018606.D

Acq: 17 Jun 2024 13:32

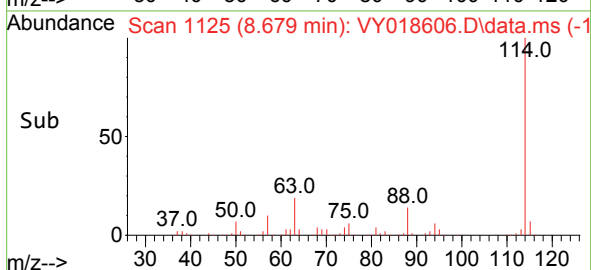
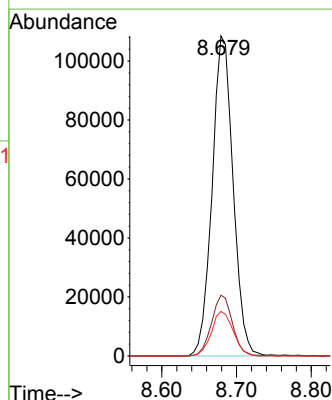
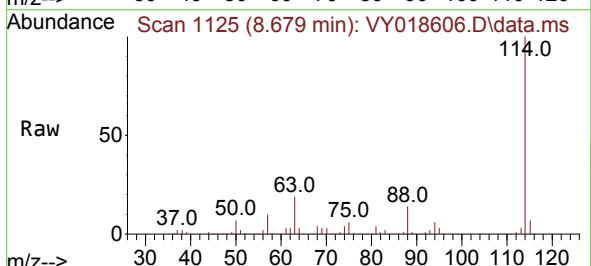
Tgt Ion: 114 Resp: 211440

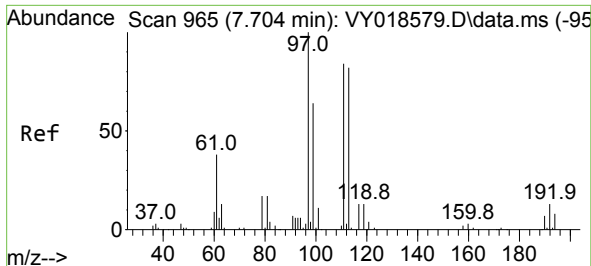
Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.0

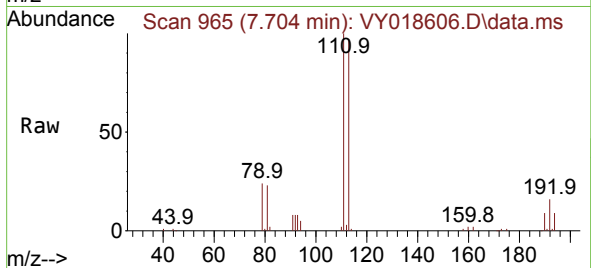
88 13.9 0.0 27.2



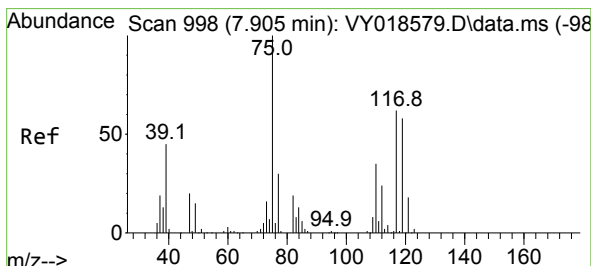
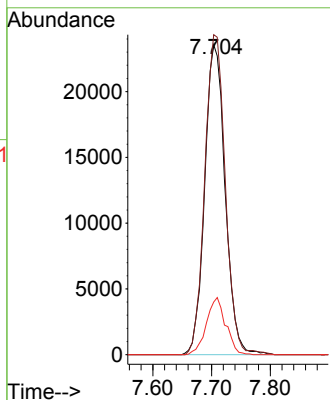
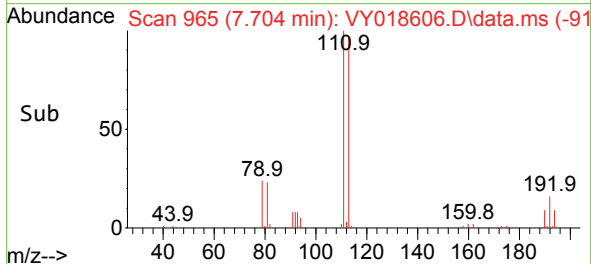


#35
Dibromofluoromethane
Concen: 44.256 ug/l
RT: 7.704 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY018606.D
Acq: 17 Jun 2024 13:32

Instrument :
MSVOA_Y
ClientSampleId :

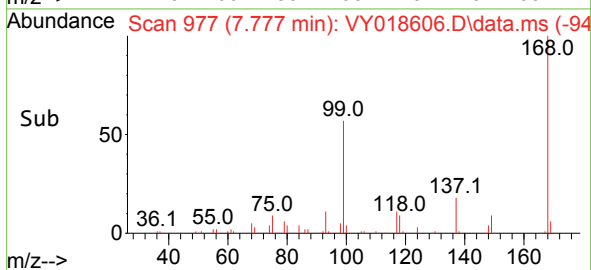
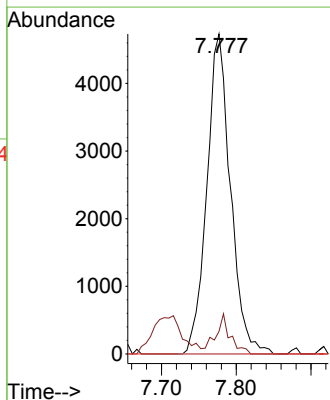
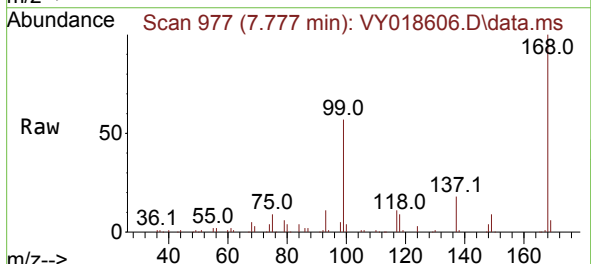


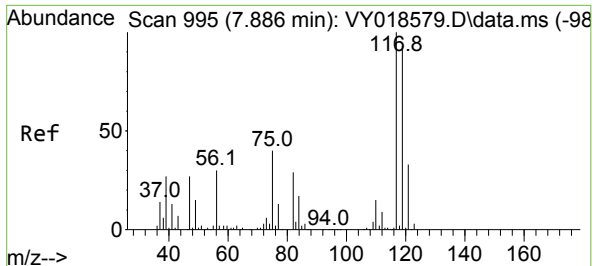
Tgt Ion:113 Resp: 57082
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 17.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.862 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY018606.D
Acq: 17 Jun 2024 13:32

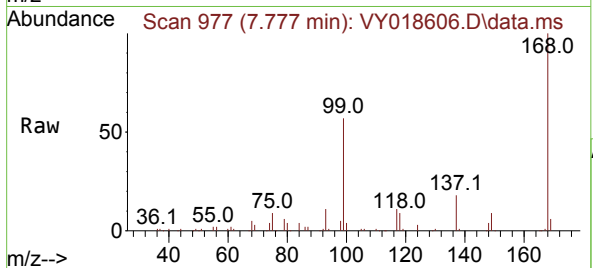
Tgt Ion: 75 Resp: 10408
Ion Ratio Lower Upper
75 100
110 7.8 19.0 57.0#
77 0.0 25.3 37.9#



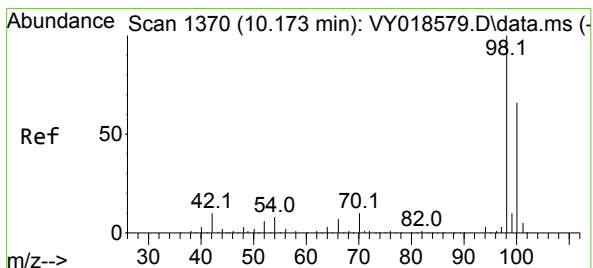
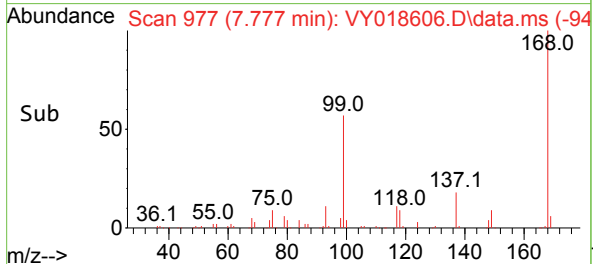
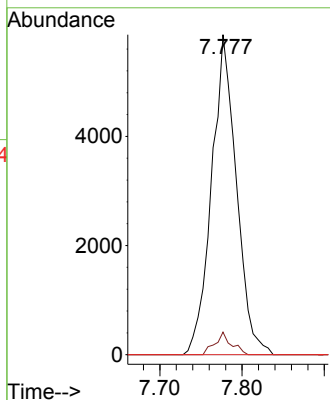


#38
Carbon Tetrachloride
Concen: 6.612 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018606.D
Acq: 17 Jun 2024 13:32

Instrument :
MSVOA_Y
ClientSampleId :

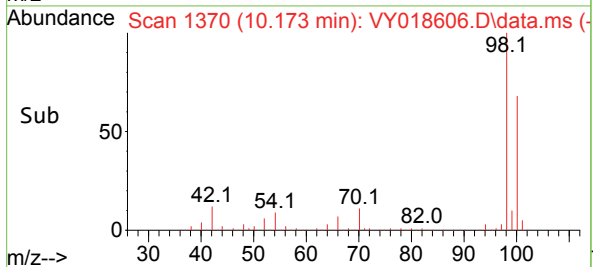
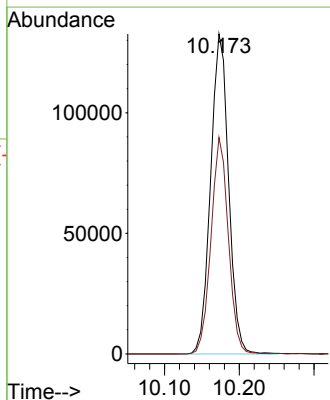
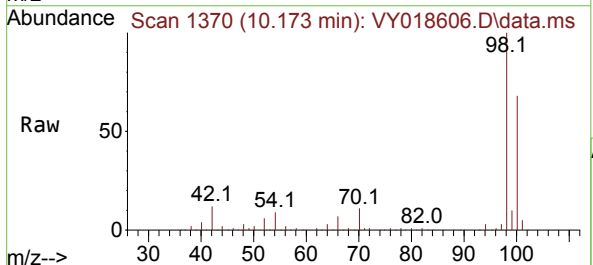


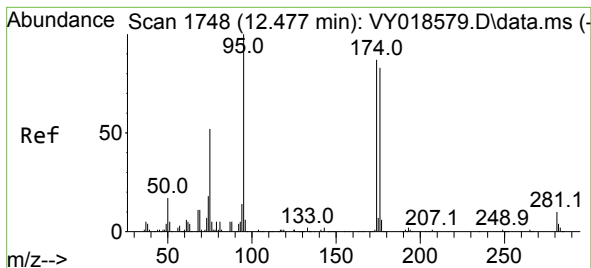
Tgt Ion:117 Resp: 12316
Ion Ratio Lower Upper
117 100
119 7.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 44.673 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018606.D
Acq: 17 Jun 2024 13:32

Tgt Ion: 98 Resp: 221585
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

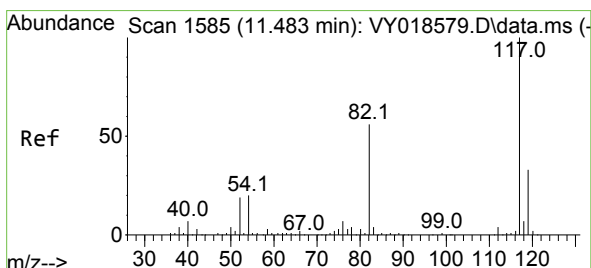
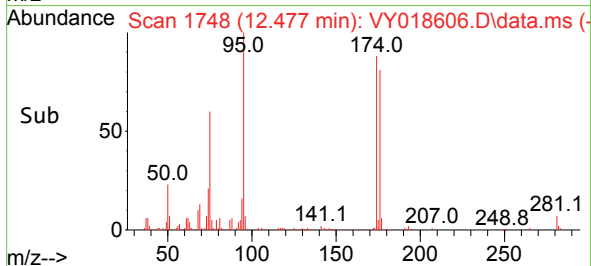
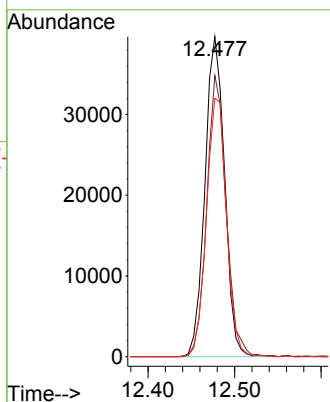
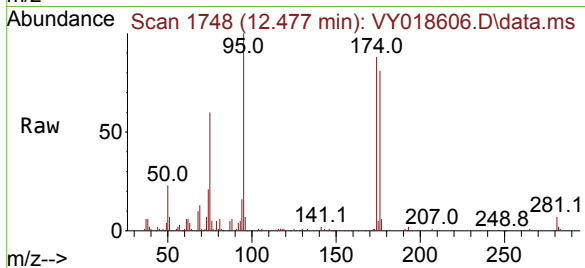




#62
4-Bromofluorobenzene
Concen: 39.918 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018606.D
Acq: 17 Jun 2024 13:32

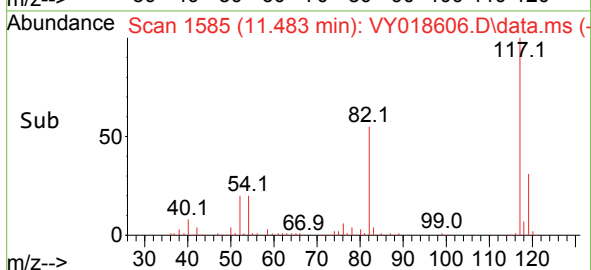
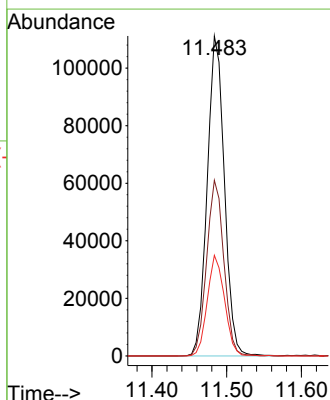
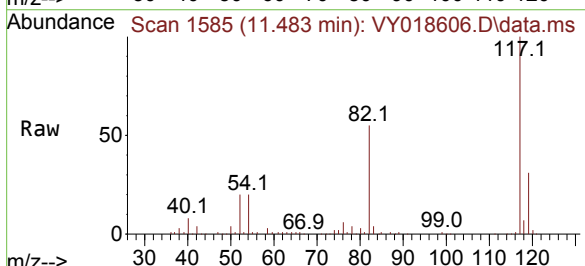
Instrument :
MSVOA_Y
ClientSampleId :

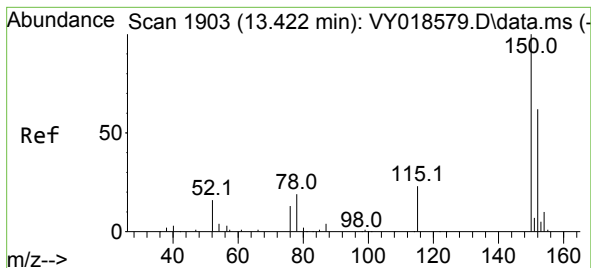
Tgt Ion: 95 Resp: 62523
Ion Ratio Lower Upper
95 100
174 86.5 0.0 175.6
176 82.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018606.D
Acq: 17 Jun 2024 13:32

Tgt Ion: 117 Resp: 177569
Ion Ratio Lower Upper
117 100
82 54.9 42.4 63.6
119 31.5 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: VY018606.D

Acq: 17 Jun 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

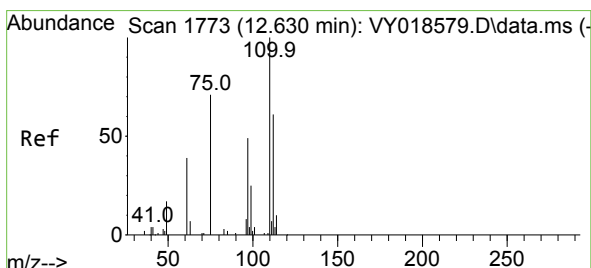
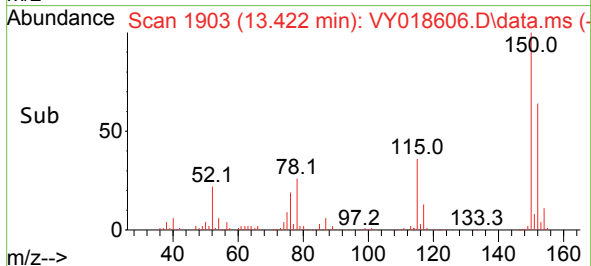
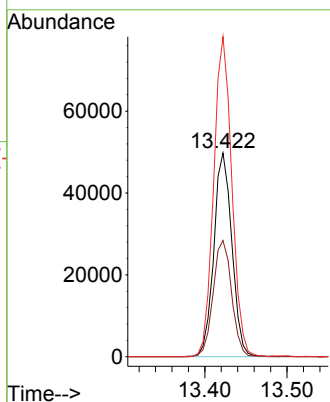
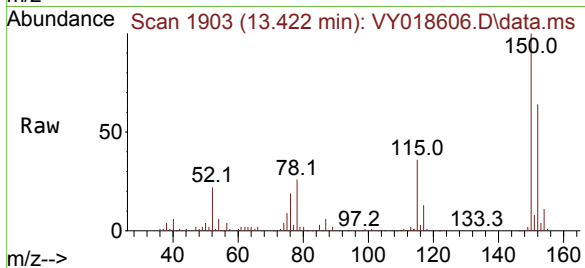
Tgt Ion:152 Resp: 75907

Ion Ratio Lower Upper

152 100

115 58.5 28.2 84.7

150 157.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 51.500 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018606.D

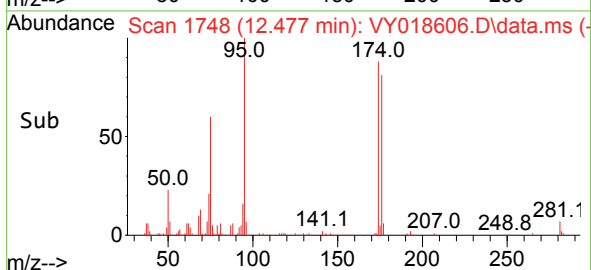
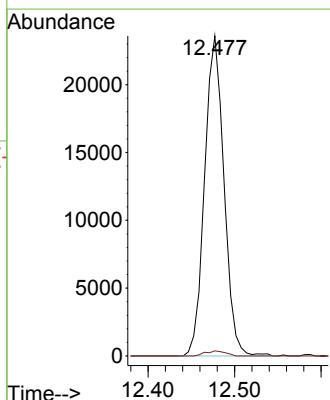
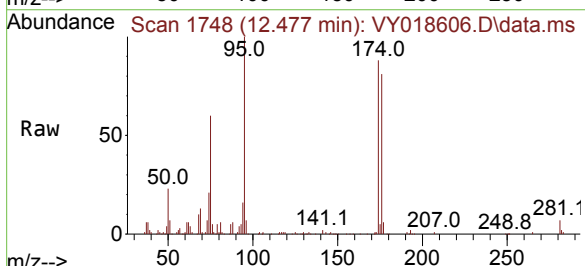
Acq: 17 Jun 2024 13:32

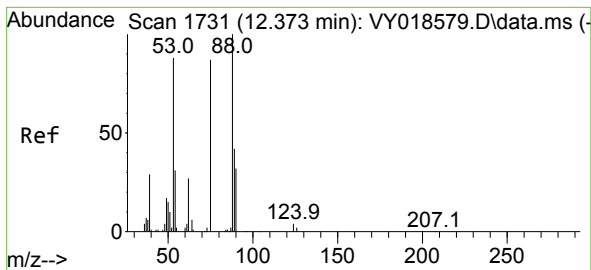
Tgt Ion: 75 Resp: 36670

Ion Ratio Lower Upper

75 100

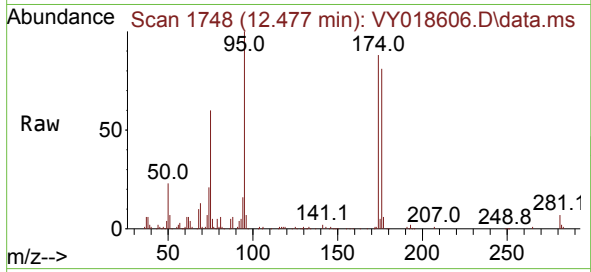
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.897 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018606.D
 Acq: 17 Jun 2024 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 36670
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

