

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072424\
 Data File : VY018908.D
 Acq On : 24 Jul 2024 13:58
 Operator : SY/MD
 Sample : P3341-02
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 25 01:29:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

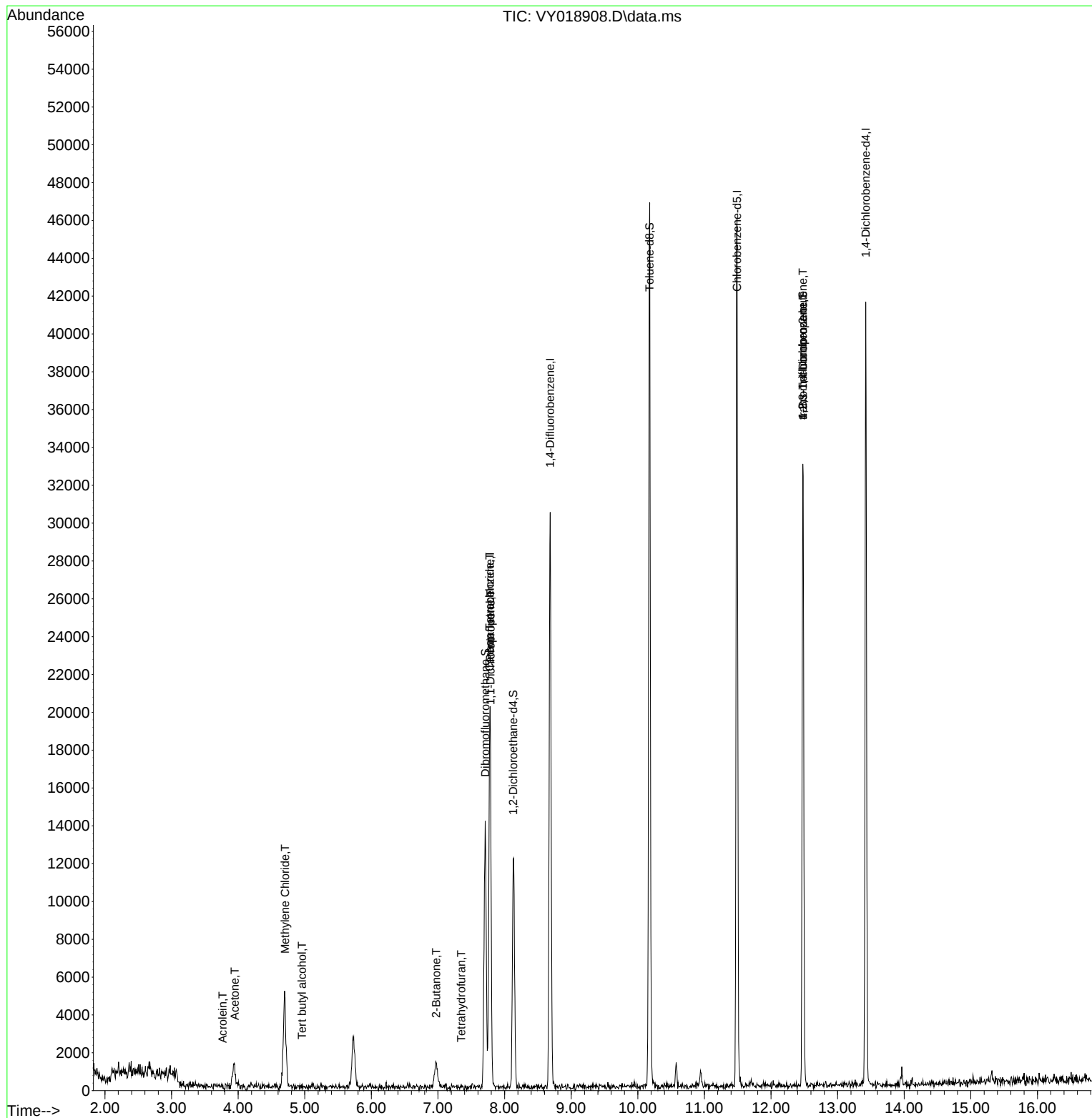
Internal Standards						
1) Pentafluorobenzene	7.783	168	16255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	27561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	25600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	10775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	9760	61.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.040%	
35) Dibromofluoromethane	7.710	113	9600	55.613	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.220%	
50) Toluene-d8	10.179	98	30748	47.016	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.040%	
62) 4-Bromofluorobenzene	12.477	95	10269	45.979	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	83	5.122	ug/l #	88
13) Acrolein	3.765	56	27	2.080	ug/l #	15
16) Acetone	3.948	43	2273	77.079	ug/l #	87
20) Methylene Chloride	4.704	84	3820	19.884	ug/l #	79
25) 2-Butanone	6.972	43	109	2.637	ug/l #	41
29) Tetrahydrofuran	7.350	42	47	1.855	ug/l #	26
36) 1,1-Dichloropropene	7.789	75	1182	4.962	ug/l #	40
38) Carbon Tetrachloride	7.777	117	1551	5.406	ug/l #	13
76) 1,2,3-Trichloropropane	12.477	75	5331	63.170	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	5331	141.377	ug/l #	16

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

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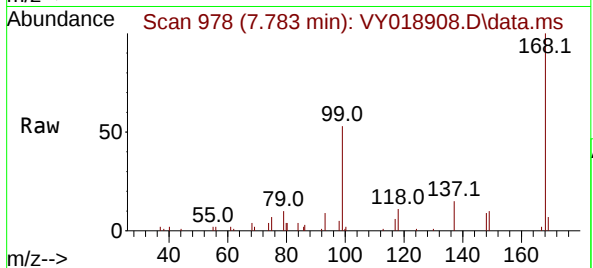
Quant Time: Jul 25 01:29:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration



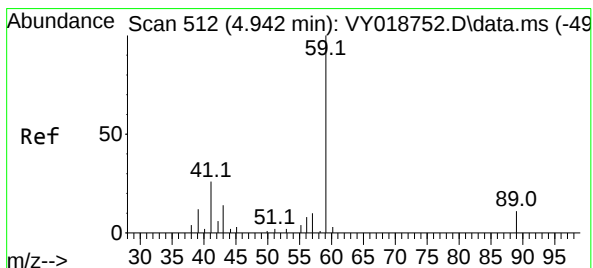
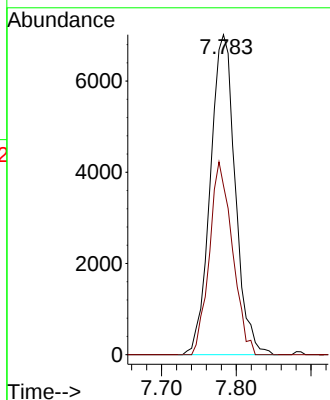
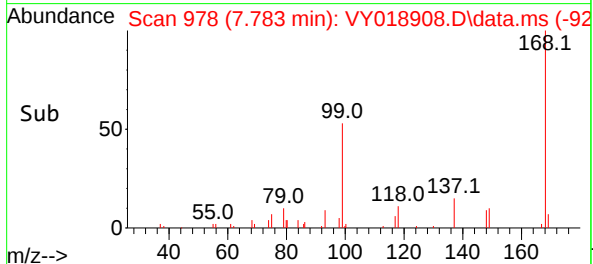


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018908.D
Acq: 24 Jul 2024 13:58

Instrument :
MSVOA_Y
ClientSampleId :

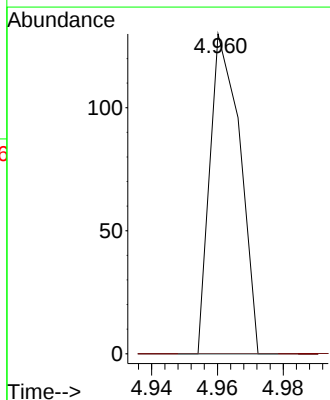
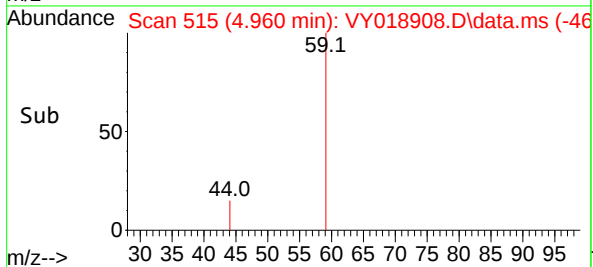
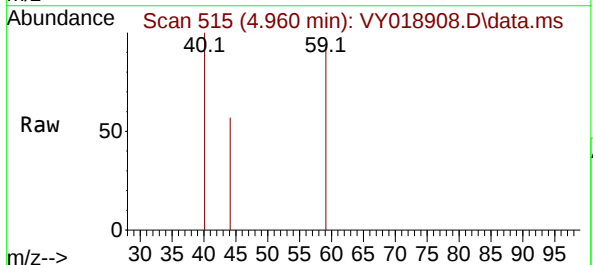


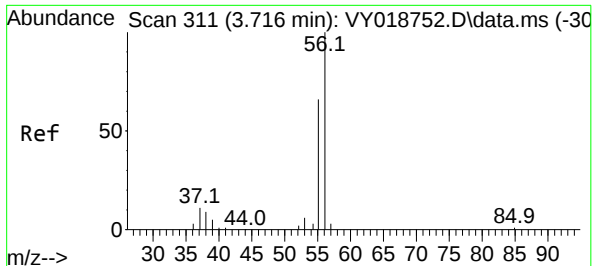
Tgt Ion:168 Resp: 16255
Ion Ratio Lower Upper
168 100
99 52.9 39.1 58.7



#11
Tert butyl alcohol
Concen: 5.122 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.018 min
Lab File: VY018908.D
Acq: 24 Jul 2024 13:58

Tgt Ion: 59 Resp: 83
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#13

Acrolein

Concen: 2.080 ug/l

RT: 3.765 min Scan# 311

Delta R.T. 0.049 min

Lab File: VY018908.D

Acq: 24 Jul 2024 13:58

Instrument :

MSVOA_Y

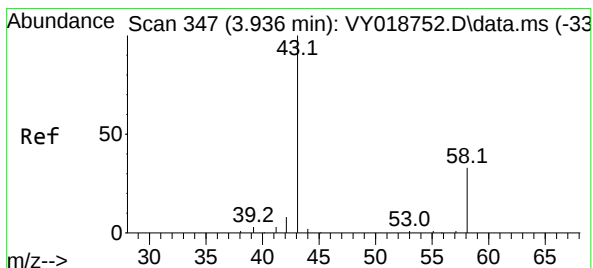
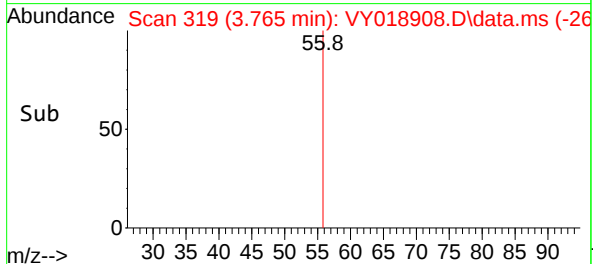
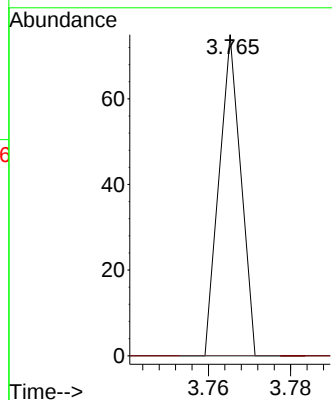
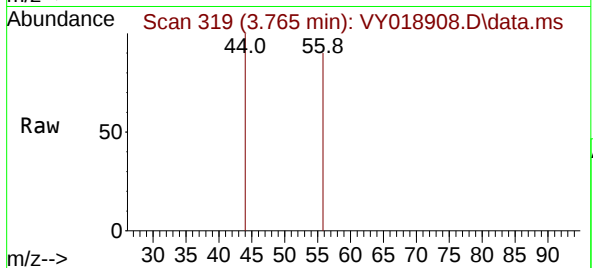
ClientSampleId :

Tgt Ion: 56 Resp: 27

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#



#16

Acetone

Concen: 77.079 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.012 min

Lab File: VY018908.D

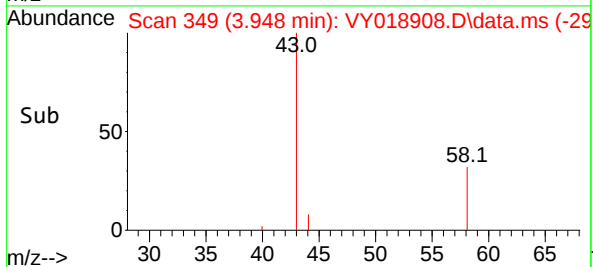
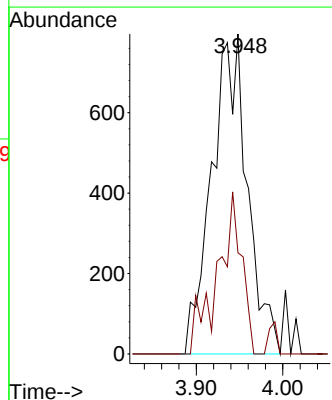
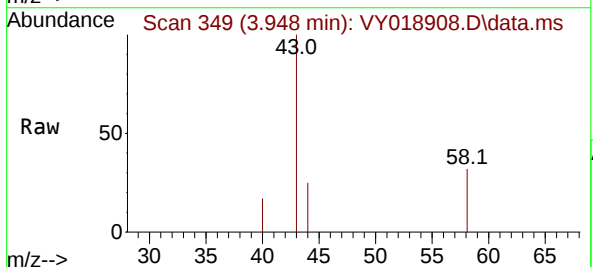
Acq: 24 Jul 2024 13:58

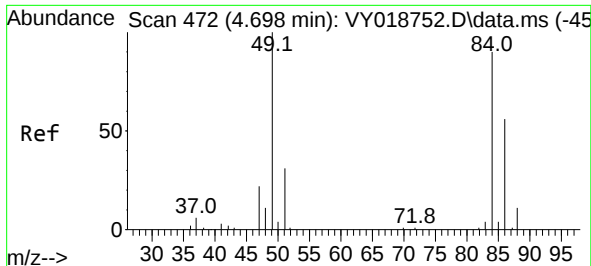
Tgt Ion: 43 Resp: 2273

Ion Ratio Lower Upper

43 100

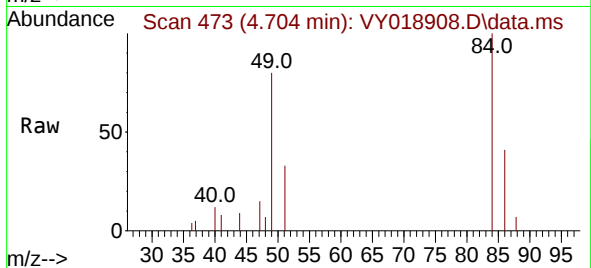
58 31.7 31.7 47.5#





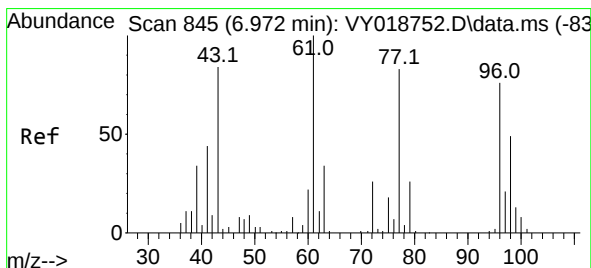
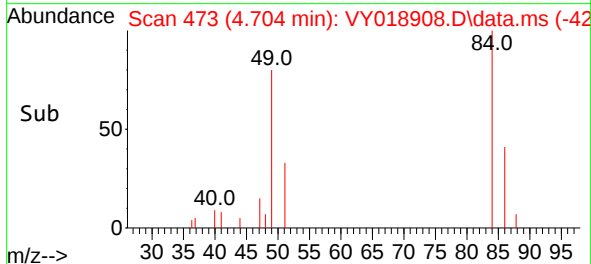
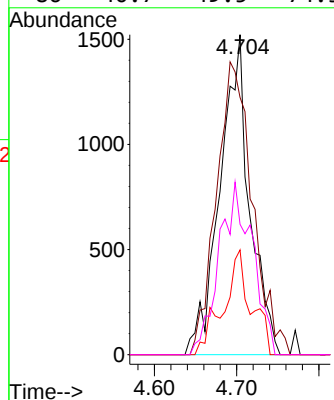
#20
Methylene Chloride
Concen: 19.884 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018908.D
Acq: 24 Jul 2024 13:58

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 3820

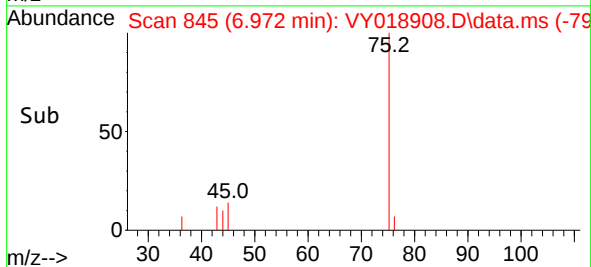
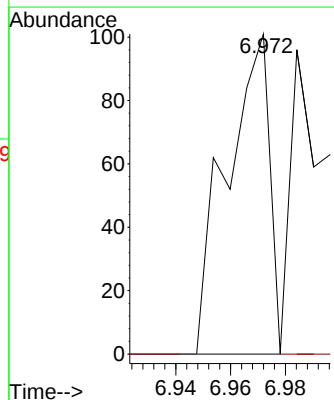
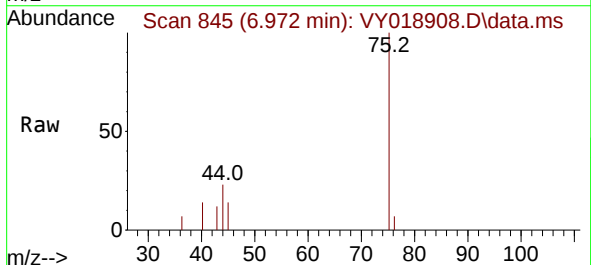
Ion	Ratio	Lower	Upper
84	100		
49	80.4	84.4	126.6#
51	32.7	26.0	39.0
86	40.7	49.5	74.3#

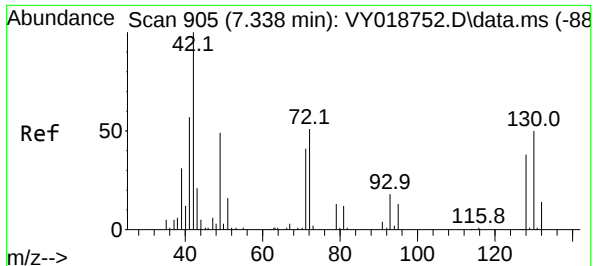


#25
2-Butanone
Concen: 2.637 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY018908.D
Acq: 24 Jul 2024 13:58

Tgt Ion: 43 Resp: 109

Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#





#29

Tetrahydrofuran

Concen: 1.855 ug/l

RT: 7.350 min Scan# 905

Delta R.T. 0.012 min

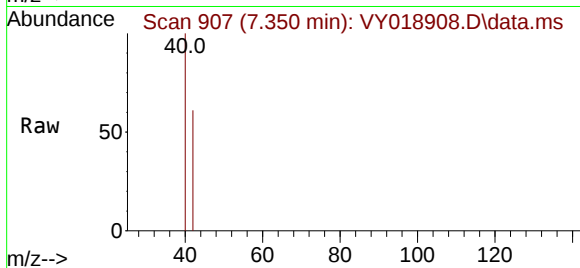
Lab File: VY018908.D

Acq: 24 Jul 2024 13:58

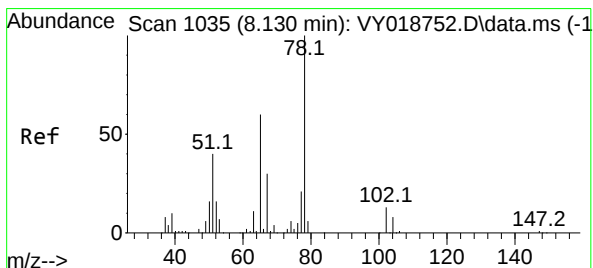
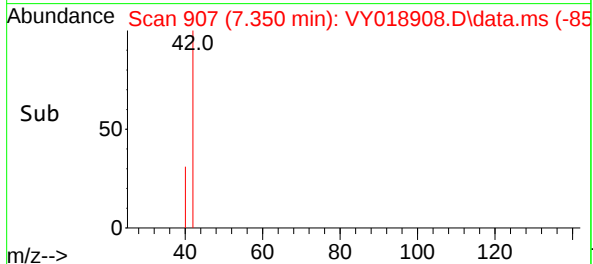
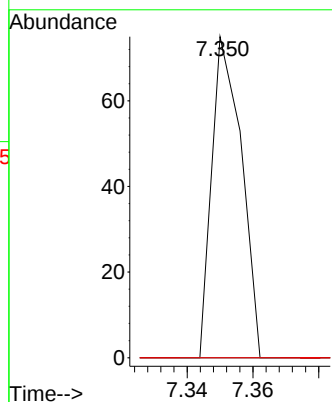
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	47
Ion Ratio	100	Lower	Upper
42	100		
72	0.0	43.0	64.4#
71	0.0	40.8	61.2#



#33

1,2-Dichloroethane-d4

Concen: 61.018 ug/l

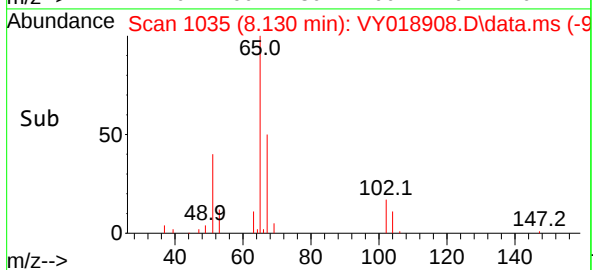
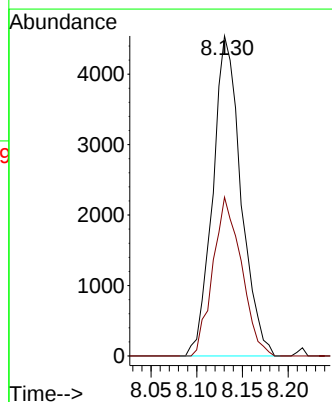
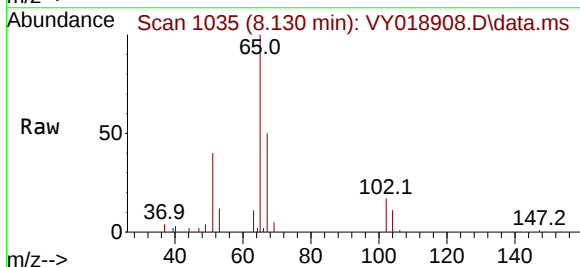
RT: 8.130 min Scan# 1035

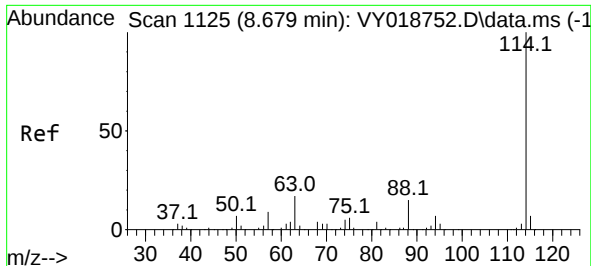
Delta R.T. -0.000 min

Lab File: VY018908.D

Acq: 24 Jul 2024 13:58

Tgt Ion:	65	Resp:	9760
Ion Ratio	100	Lower	Upper
65	100		
67	50.1	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: VY018908.D

Acq: 24 Jul 2024 13:58

Instrument :

MSVOA_Y

ClientSampleId :

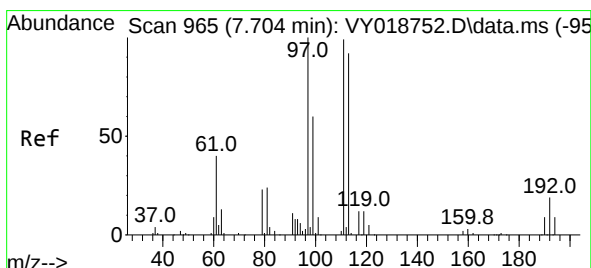
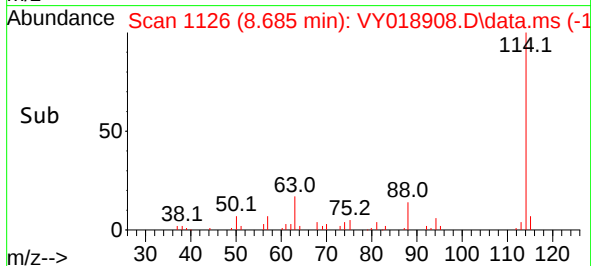
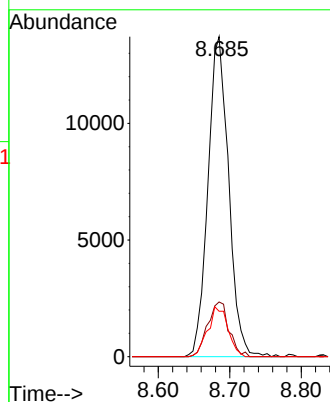
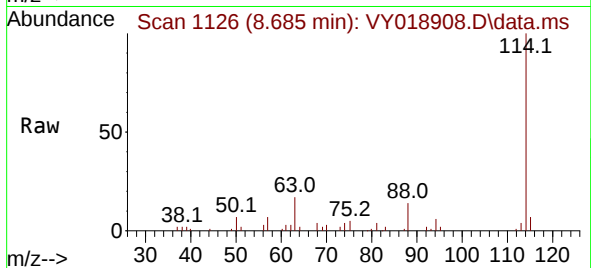
Tgt Ion:114 Resp: 27561

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.613 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018908.D

Acq: 24 Jul 2024 13:58

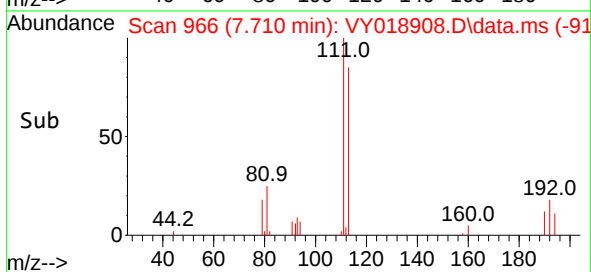
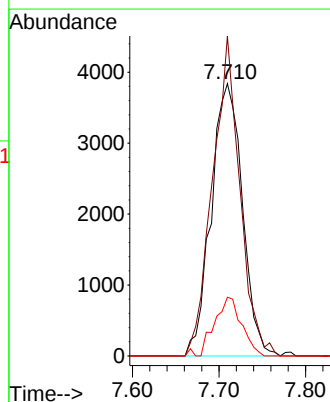
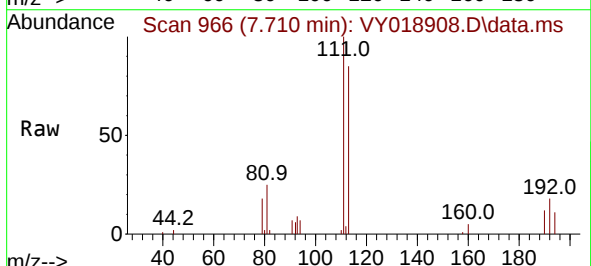
Tgt Ion:113 Resp: 9600

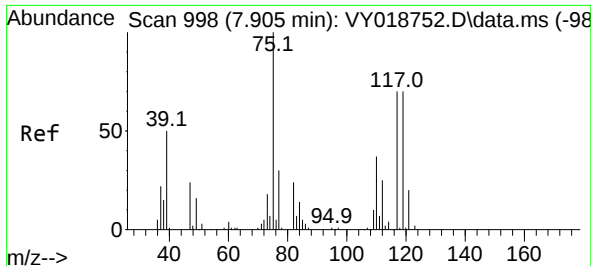
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 18.8 15.9 23.9

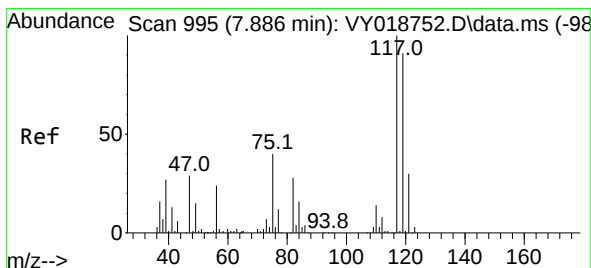
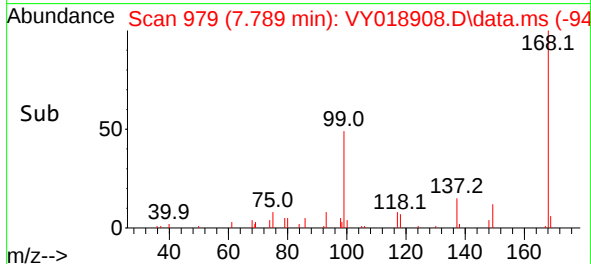
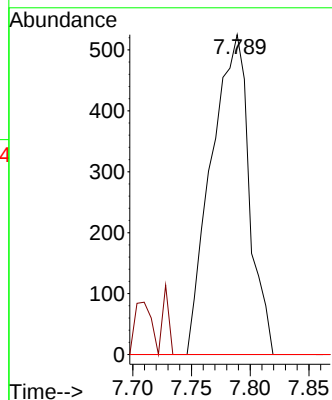
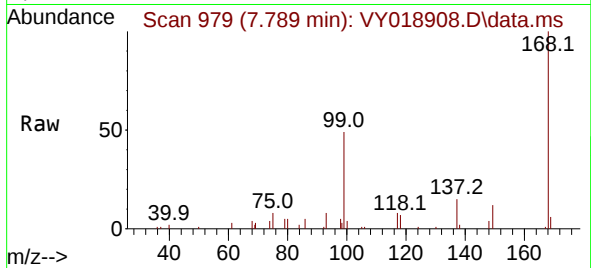




#36
 1,1-Dichloropropene
 Concen: 4.962 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.116 min
 Lab File: VY018908.D
 Acq: 24 Jul 2024 13:58

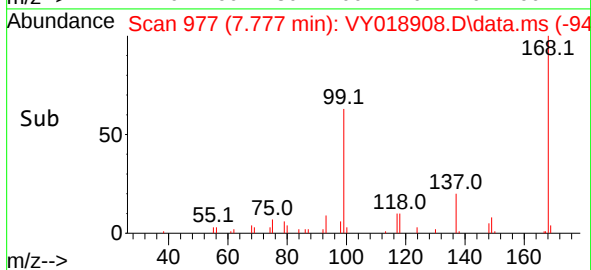
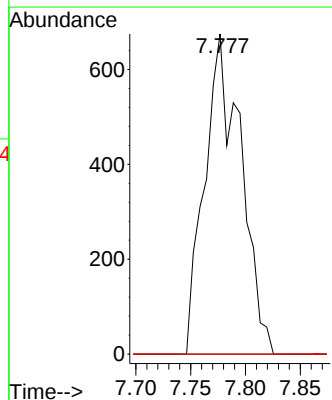
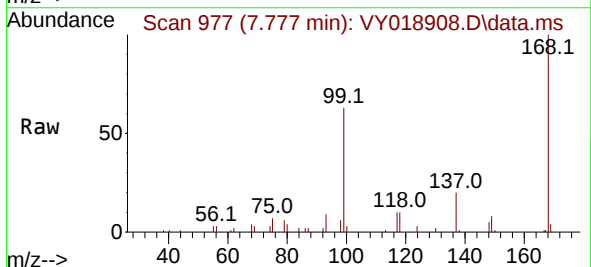
Instrument :
 MSVOA_Y
 ClientSampleId :

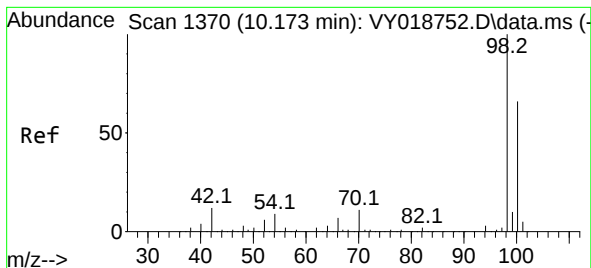
Tgt Ion: 75 Resp: 1182
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.406 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. -0.110 min
 Lab File: VY018908.D
 Acq: 24 Jul 2024 13:58

Tgt Ion: 117 Resp: 1551
 Ion Ratio Lower Upper
 117 100
 119 0.0 75.8 113.6#
 121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 47.016 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018908.D

Acq: 24 Jul 2024 13:58

Instrument :

MSVOA_Y

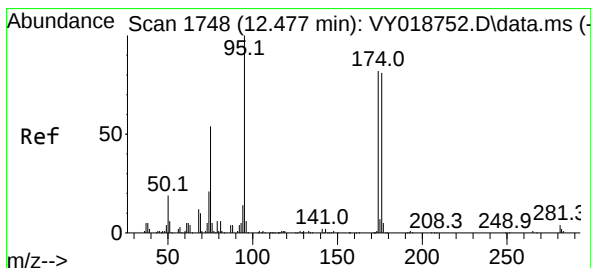
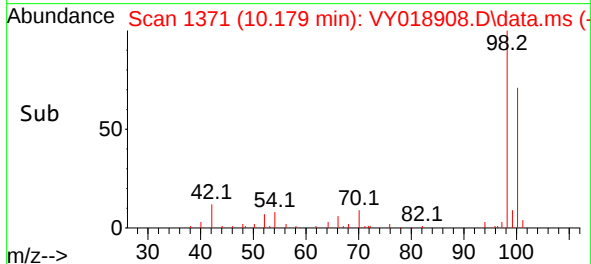
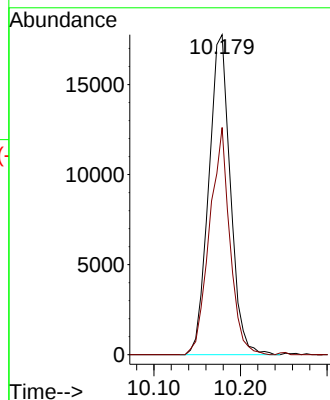
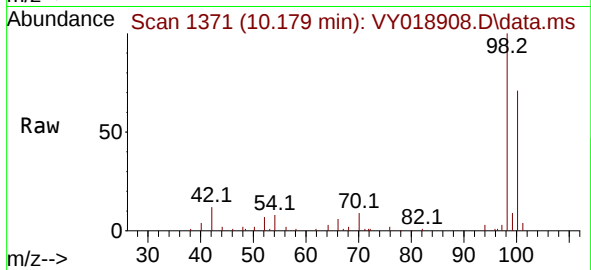
ClientSampleId :

Tgt Ion: 98 Resp: 30748

Ion Ratio Lower Upper

98 100

100 66.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.979 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018908.D

Acq: 24 Jul 2024 13:58

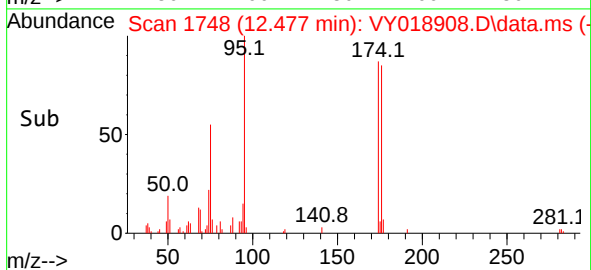
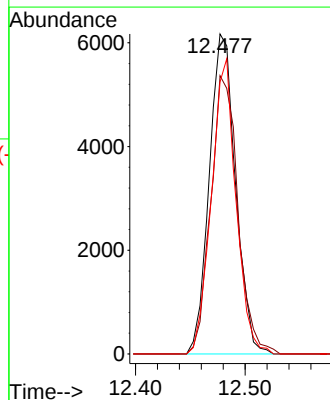
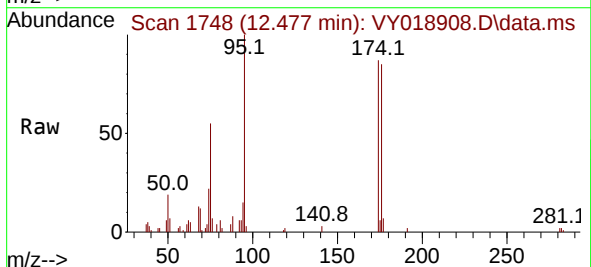
Tgt Ion: 95 Resp: 10269

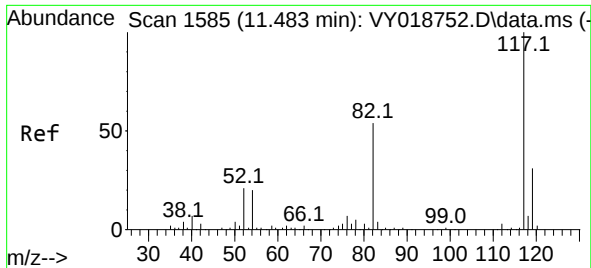
Ion Ratio Lower Upper

95 100

174 89.9 0.0 175.6

176 86.3 0.0 171.4

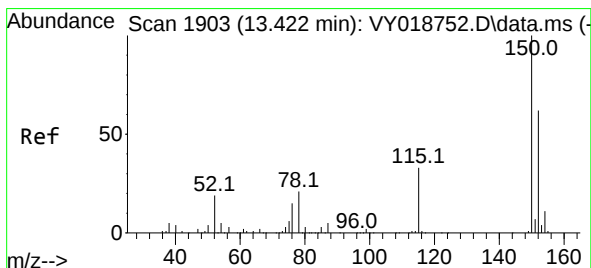
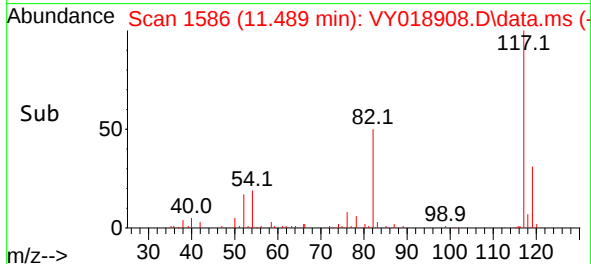
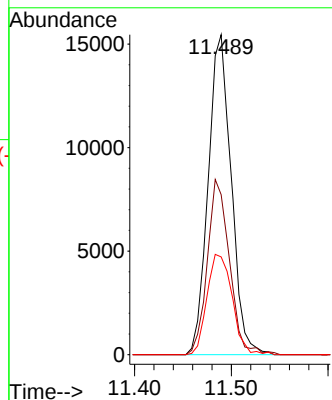
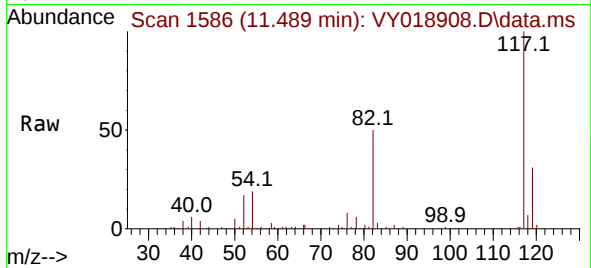




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018908.D
Acq: 24 Jul 2024 13:58

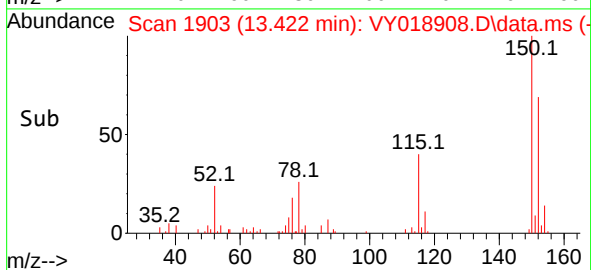
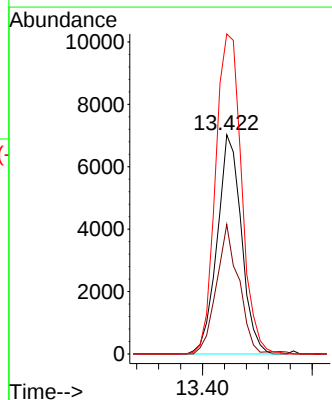
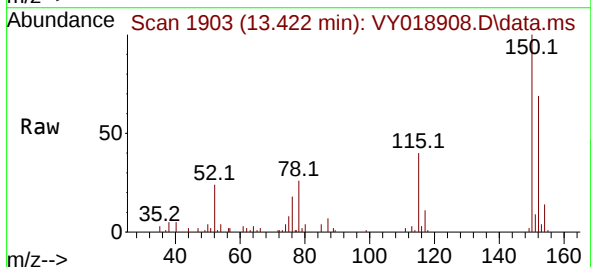
Instrument :
MSVOA_Y
ClientSampleId :

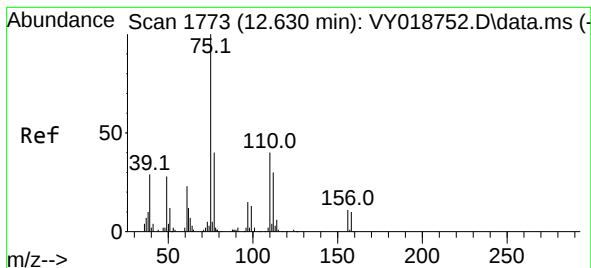
Tgt Ion:117 Resp: 25600
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 30.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018908.D
Acq: 24 Jul 2024 13:58

Tgt Ion:152 Resp: 10775
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 156.6 0.0 345.6

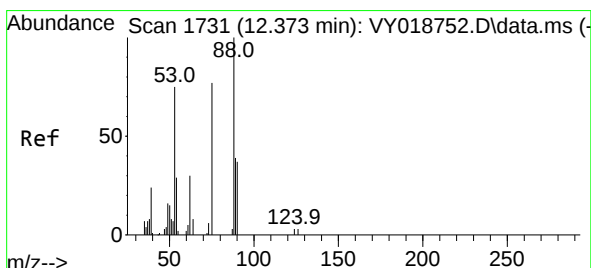
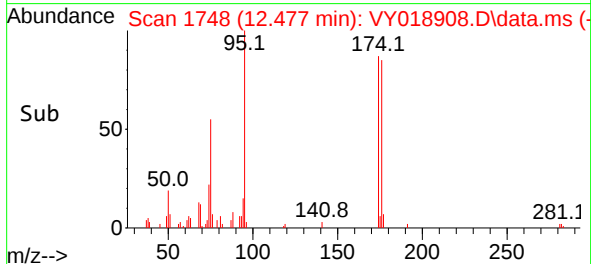
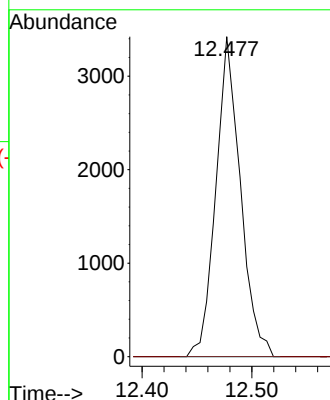
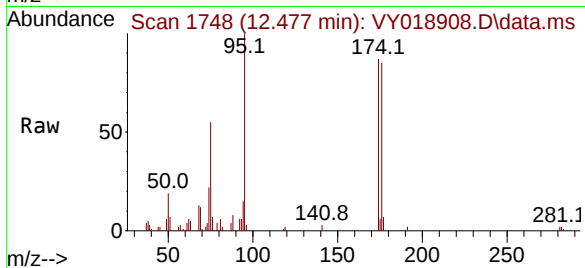




#76
1,2,3-Trichloropropane
Concen: 63.170 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018908.D
Acq: 24 Jul 2024 13:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 5331
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 141.377 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018908.D
Acq: 24 Jul 2024 13:58

Tgt Ion: 75 Resp: 5331
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

