

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015672.D
 Acq On : 21 Sep 2023 15:59
 Operator : SY/MD
 Sample : 04567-01
 Misc : 5.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 22 01:20:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

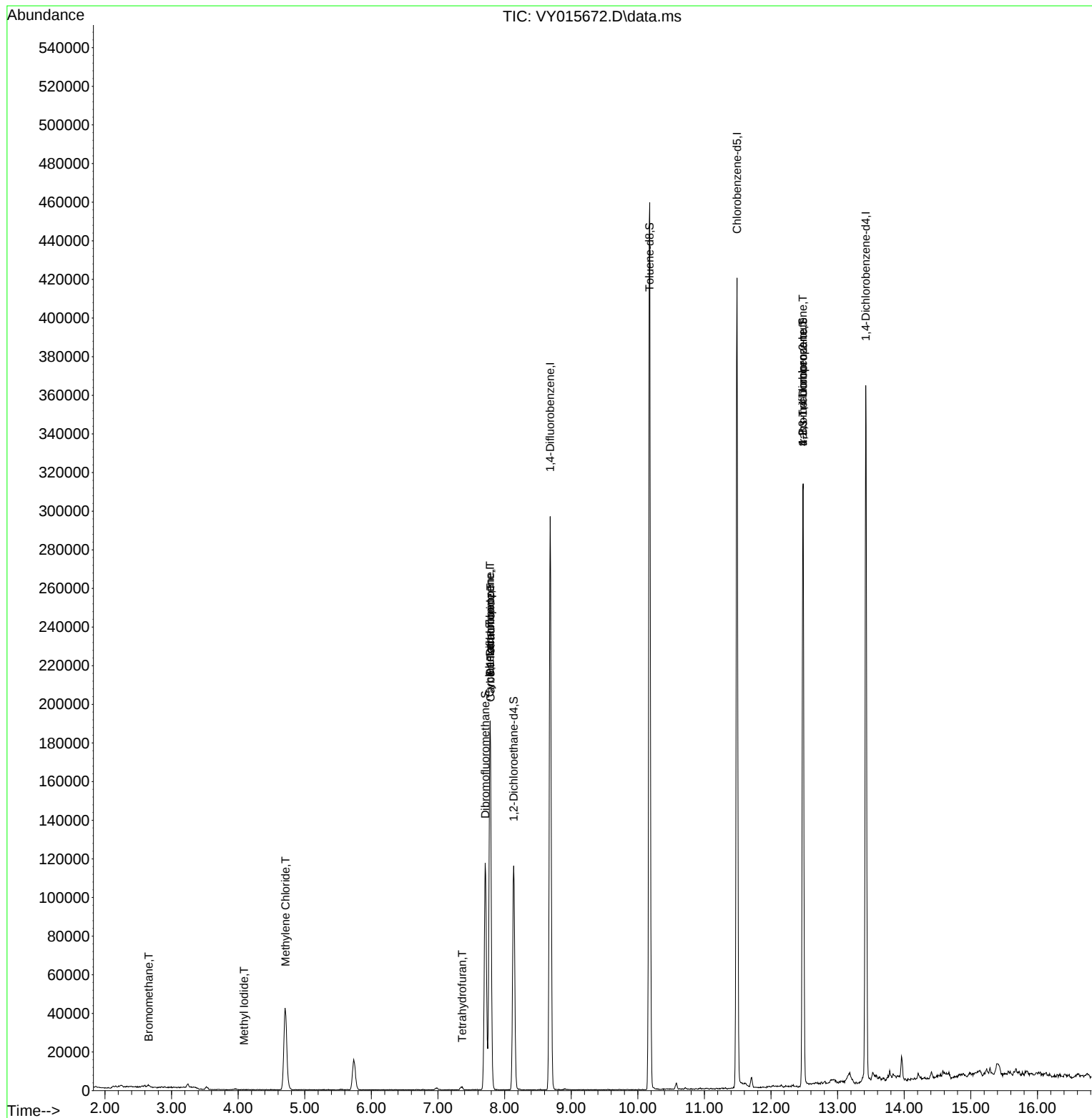
Internal Standards						
1) Pentafluorobenzene	7.783	168	152052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	254955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	224573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	93735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92395	55.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.460%	
35) Dibromofluoromethane	7.710	113	82971	54.372	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.740%	
50) Toluene-d8	10.179	98	300971	58.169	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.340%	
62) 4-Bromofluorobenzene	12.477	95	94422	46.502	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	191	2.683	ug/l #	46
10) Methyl Iodide	4.088	142	75	2.768	ug/l #	38
11) Tert butyl alcohol	4.991	59	66	Below Cal	#	89
20) Methylene Chloride	4.710	84	32711	13.112	ug/l	91
29) Tetrahydrofuran	7.362	42	1292	1.806	ug/l	97
31) Cyclohexane	7.777	56	3259	1.406	ug/l #	23
36) 1,1-Dichloropropene	7.783	75	11619	5.150	ug/l #	49
38) Carbon Tetrachloride	7.789	117	14775	6.033	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	50740	33.931	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	50740	76.409	ug/l #	11

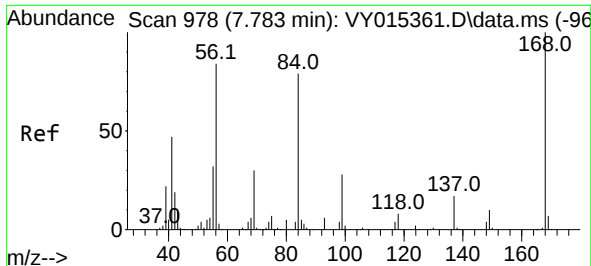
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
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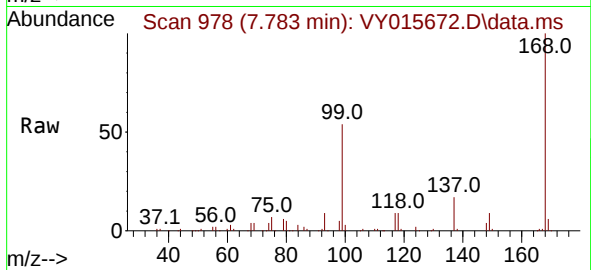
Quant Time: Sep 22 01:20:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
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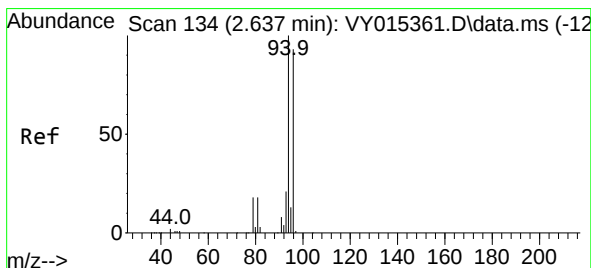
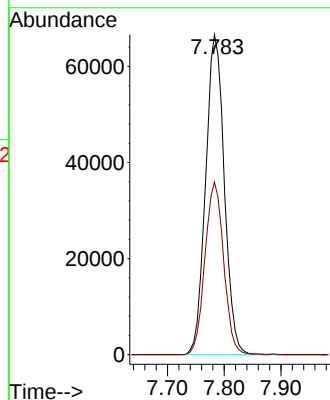
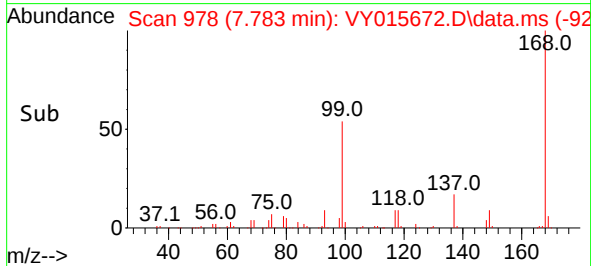


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015672.D
Acq: 21 Sep 2023 15:59

Instrument :
MSVOA_Y
ClientSampleId :

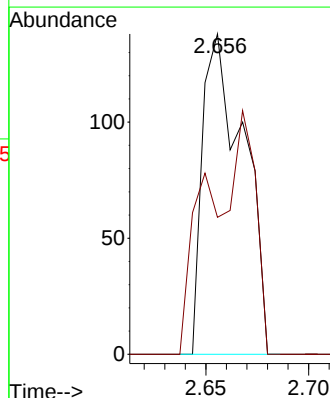
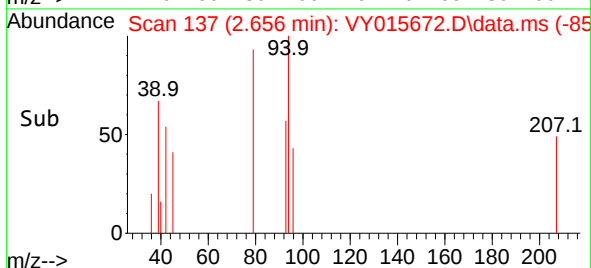
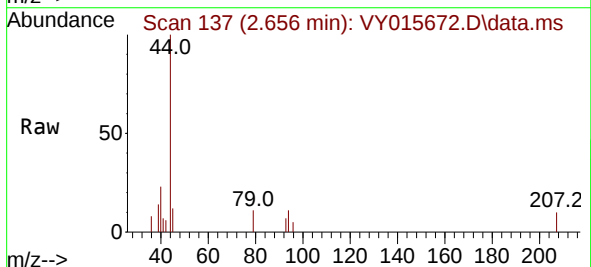


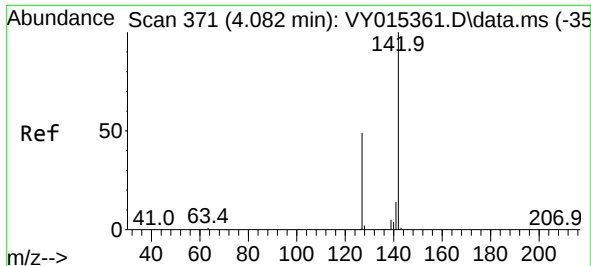
Tgt Ion:168 Resp: 152052
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#5
Bromomethane
Concen: 2.683 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.019 min
Lab File: VY015672.D
Acq: 21 Sep 2023 15:59

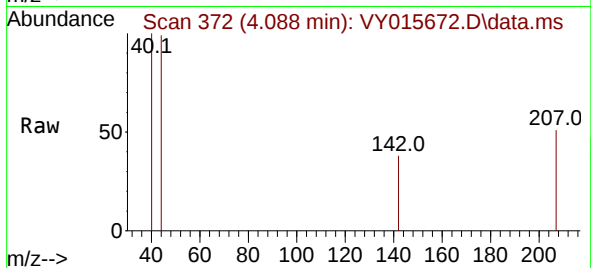
Tgt Ion: 94 Resp: 191
Ion Ratio Lower Upper
94 100
96 42.8 75.8 113.6#



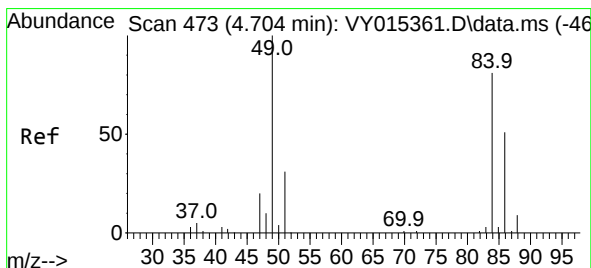
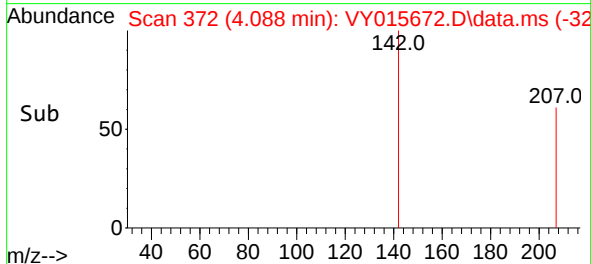
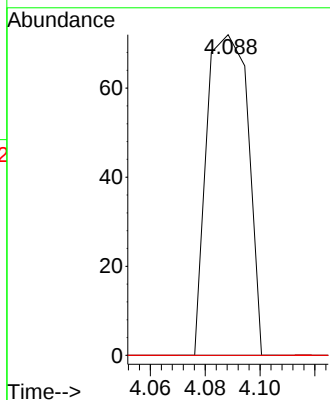


#10
Methyl Iodide
Concen: 2.768 ug/l
RT: 4.088 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY015672.D
Acq: 21 Sep 2023 15:59

Instrument :
MSVOA_Y
ClientSampleId :

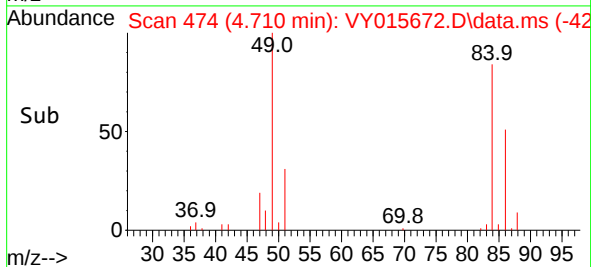
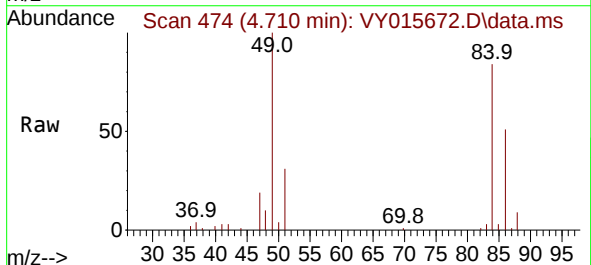
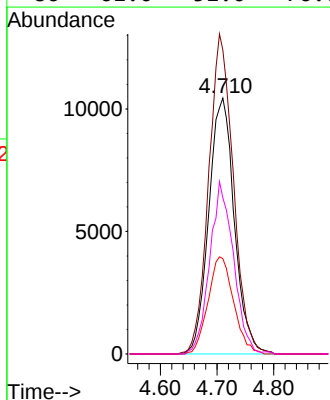


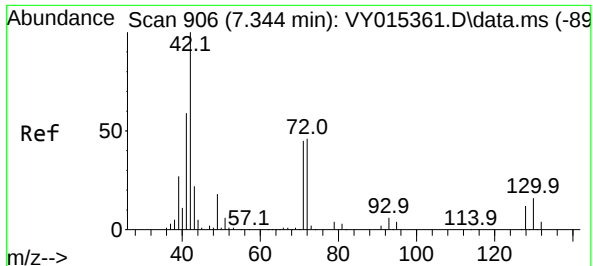
Tgt Ion:142 Resp: 75
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#20
Methylene Chloride
Concen: 13.112 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015672.D
Acq: 21 Sep 2023 15:59

Tgt Ion: 84 Resp: 32711
Ion Ratio Lower Upper
84 100
49 118.8 106.9 160.3
51 37.3 33.2 49.8
86 61.0 51.0 76.6

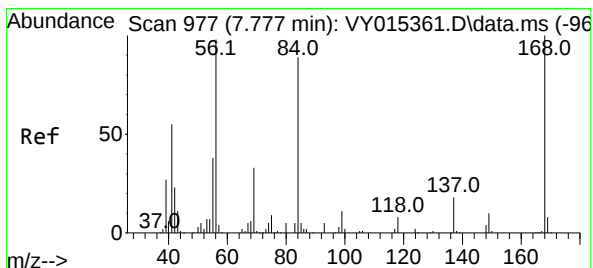
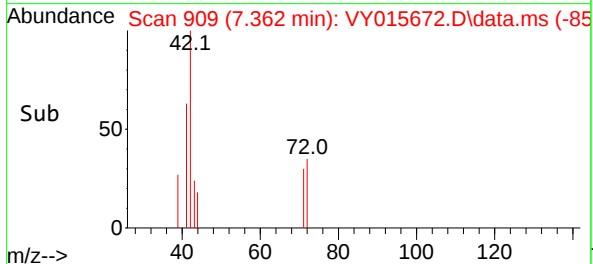
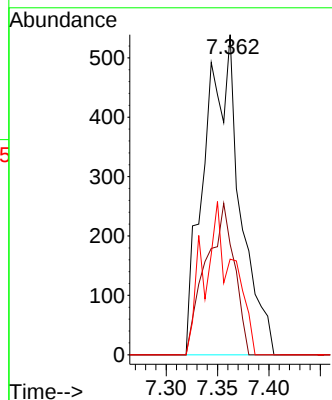
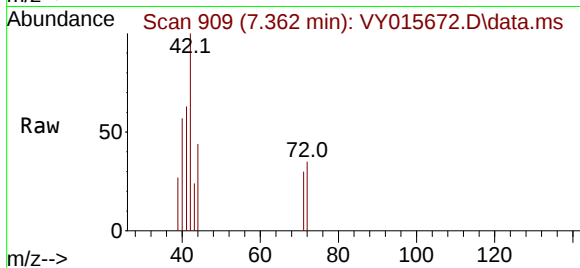




#29
Tetrahydrofuran
Concen: 1.806 ug/l
RT: 7.362 min Scan# 906
Delta R.T. 0.018 min
Lab File: VY015672.D
Acq: 21 Sep 2023 15:59

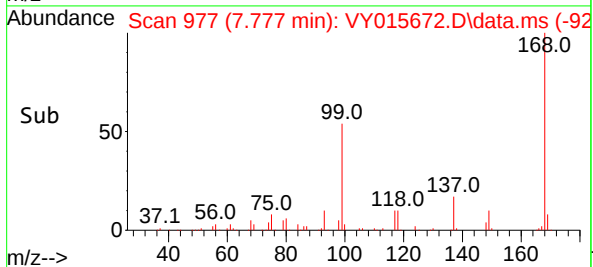
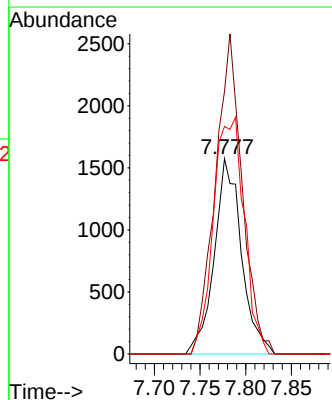
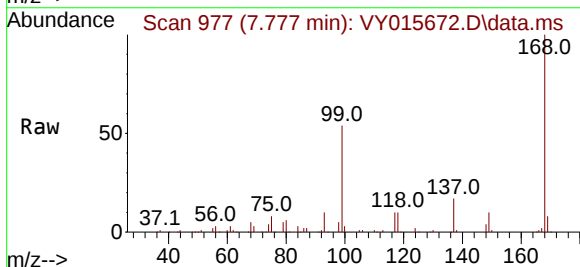
Instrument :
MSVOA_Y
ClientSampleId :

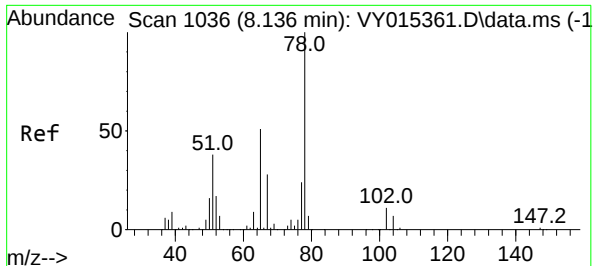
Tgt Ion:	42	Resp:	1292
Ion	Ratio	Lower	Upper
42	100		
72	37.9	32.8	49.2
71	39.6	31.0	46.4



#31
Cyclohexane
Concen: 1.406 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY015672.D
Acq: 21 Sep 2023 15:59

Tgt Ion:	56	Resp:	3259
Ion	Ratio	Lower	Upper
56	100		
69	134.4	27.8	41.6#
84	116.4	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.227 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015672.D

Acq: 21 Sep 2023 15:59

Instrument :

MSVOA_Y

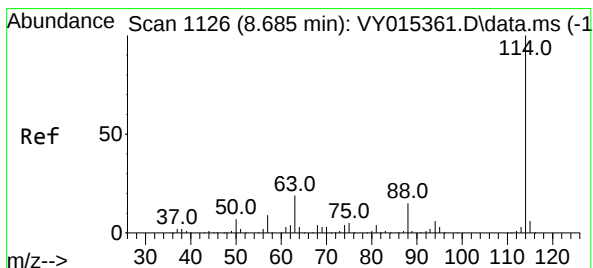
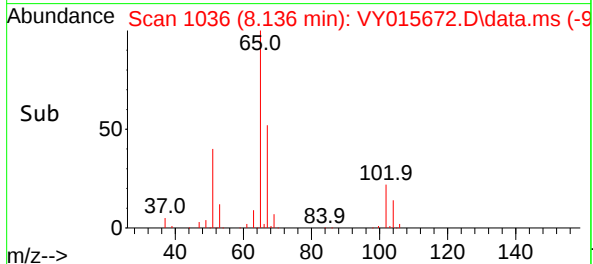
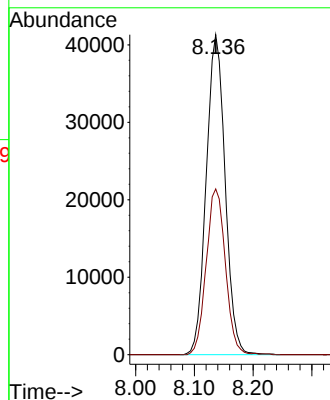
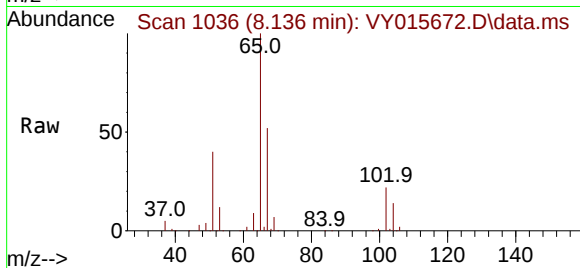
ClientSampleId :

Tgt Ion: 65 Resp: 92395

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015672.D

Acq: 21 Sep 2023 15:59

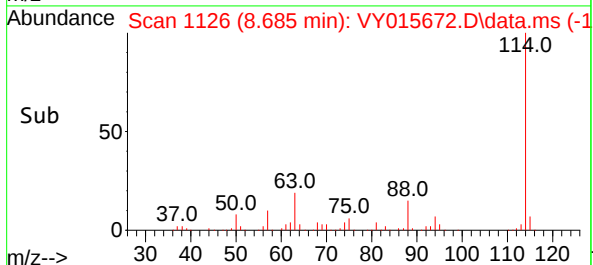
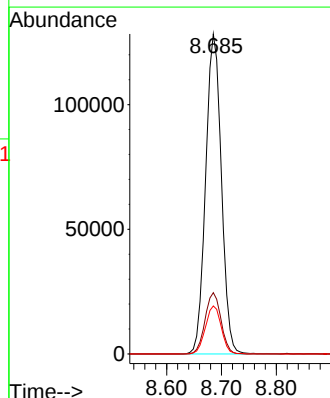
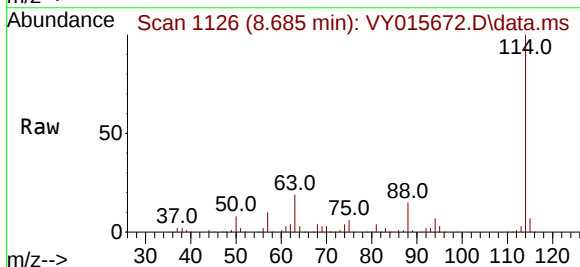
Tgt Ion: 114 Resp: 254955

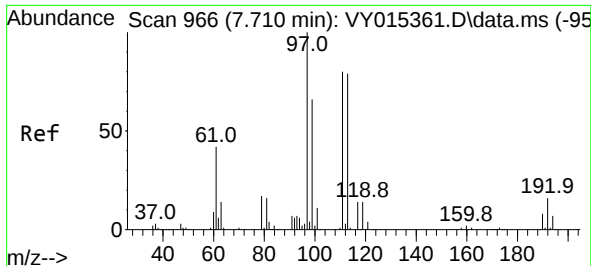
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.372 ug/l

RT: 7.710 min Scan# 9

Delta R.T. -0.006 min

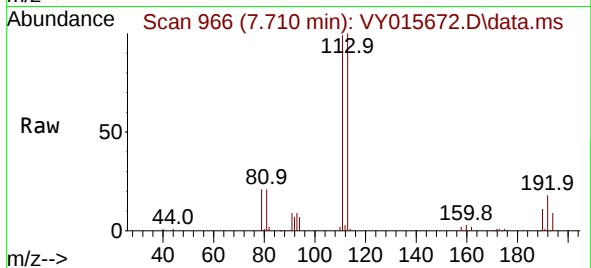
Lab File: VY015672.D

Acq: 21 Sep 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :



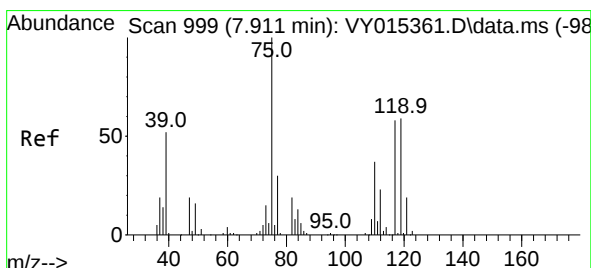
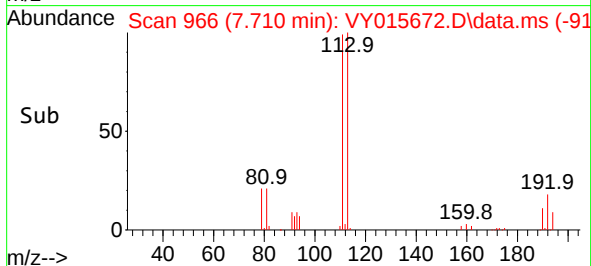
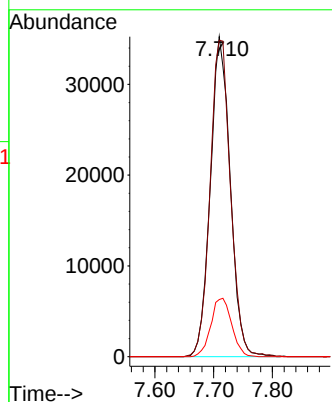
Tgt Ion:113 Resp: 82971

Ion Ratio Lower Upper

113 100

111 101.5 81.3 121.9

192 19.1 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.150 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY015672.D

Acq: 21 Sep 2023 15:59

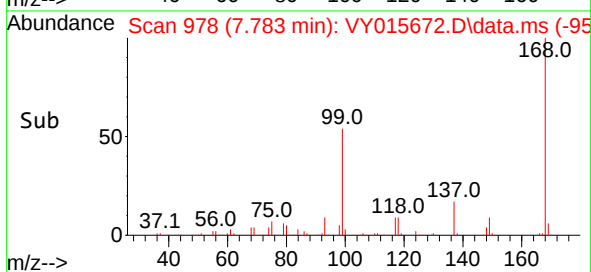
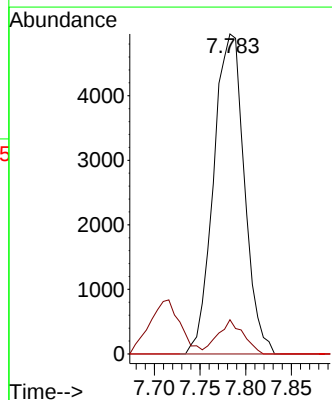
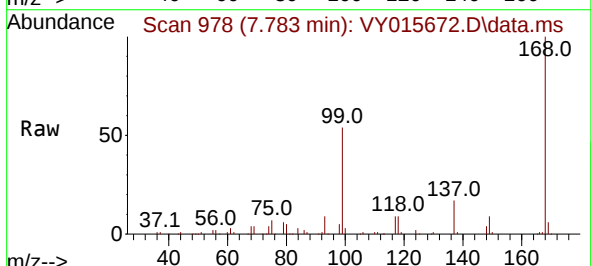
Tgt Ion: 75 Resp: 11619

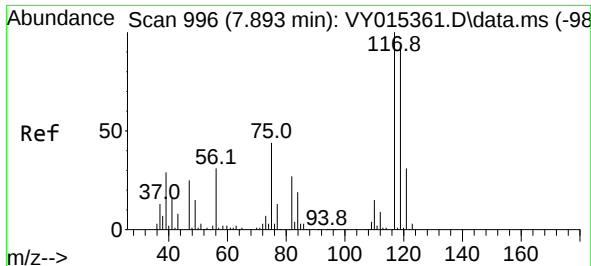
Ion Ratio Lower Upper

75 100

110 8.8 17.8 53.5#

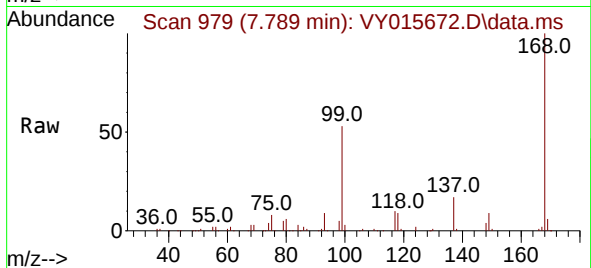
77 0.0 24.4 36.6#



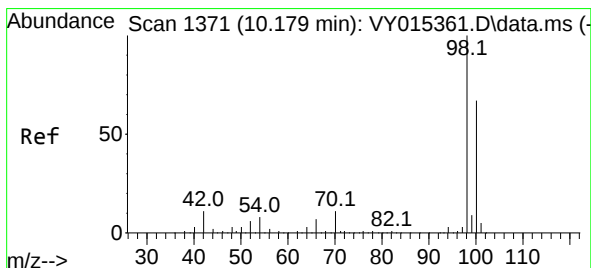
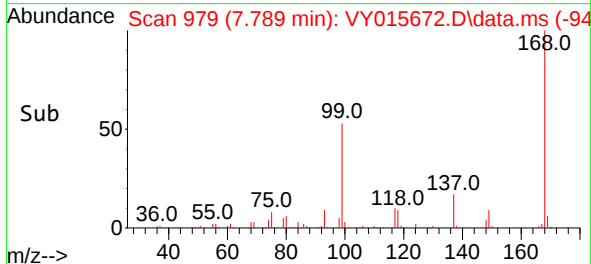
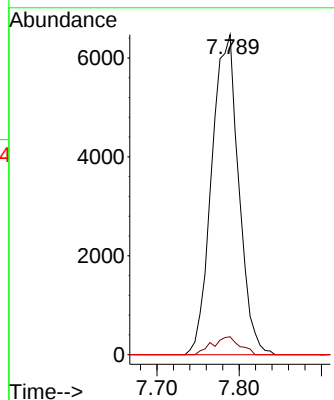


#38
Carbon Tetrachloride
Concen: 6.033 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015672.D
Acq: 21 Sep 2023 15:59

Instrument :
MSVOA_Y
ClientSampleId :

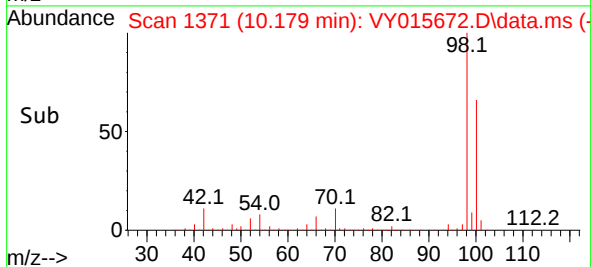
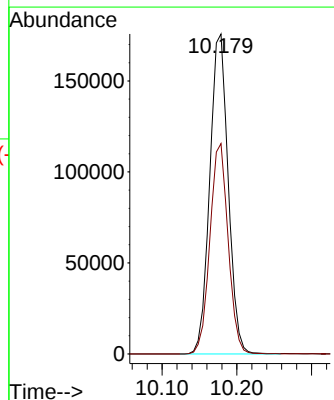
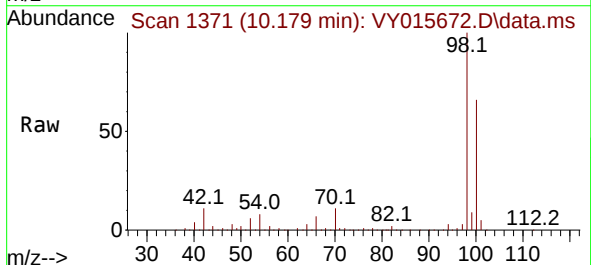


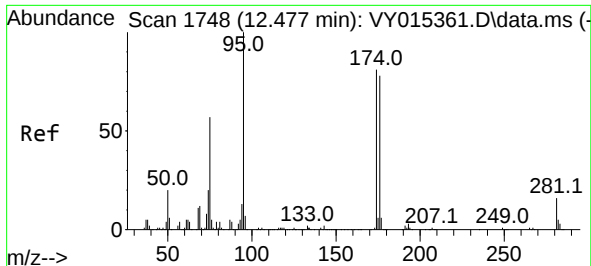
Tgt Ion:117 Resp: 14775
Ion Ratio Lower Upper
117 100
119 5.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 58.169 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015672.D
Acq: 21 Sep 2023 15:59

Tgt Ion: 98 Resp: 300971
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 46.502 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015672.D

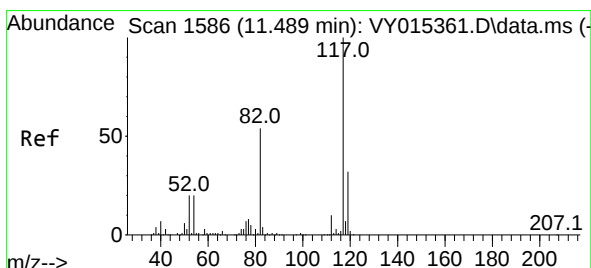
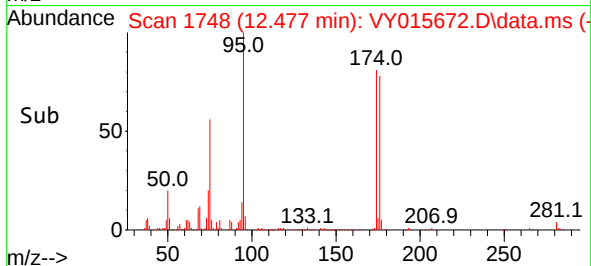
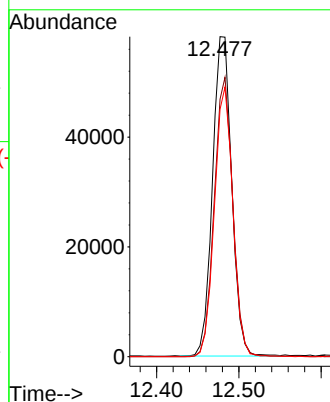
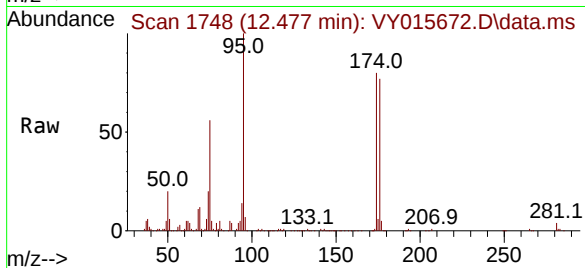
Acq: 21 Sep 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	95	Resp:	94422
Ion Ratio	Lower	Upper	
95	100		
174	84.6	0.0	178.2
176	81.3	0.0	173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

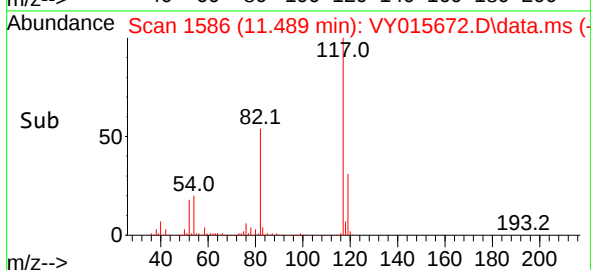
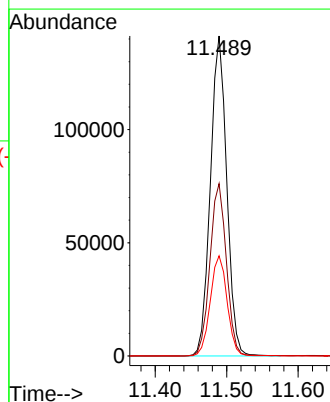
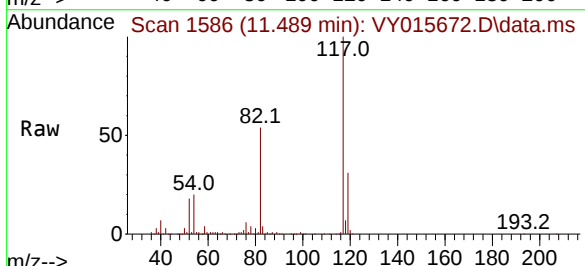
RT: 11.489 min Scan# 1586

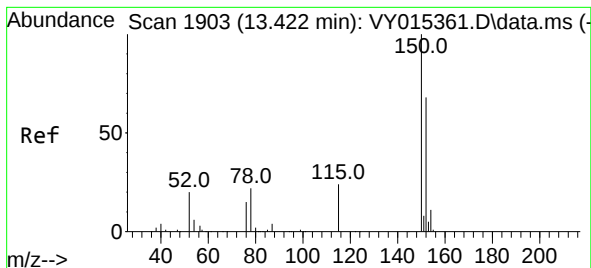
Delta R.T. 0.000 min

Lab File: VY015672.D

Acq: 21 Sep 2023 15:59

Tgt Ion:	117	Resp:	224573
Ion Ratio	Lower	Upper	
117	100		
82	53.8	43.4	65.0
119	31.3	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015672.D

Acq: 21 Sep 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

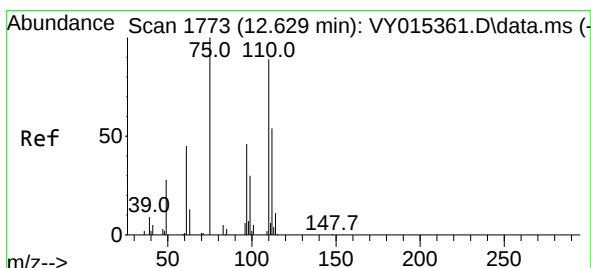
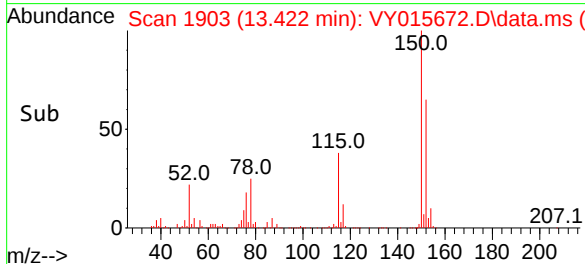
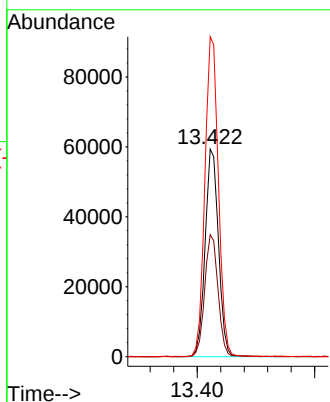
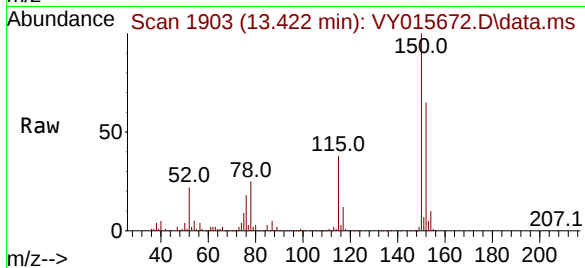
Tgt Ion:152 Resp: 93735

Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 156.0 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 33.931 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015672.D

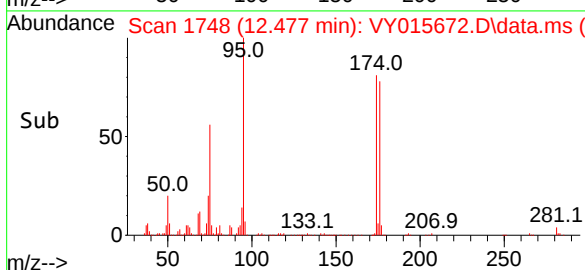
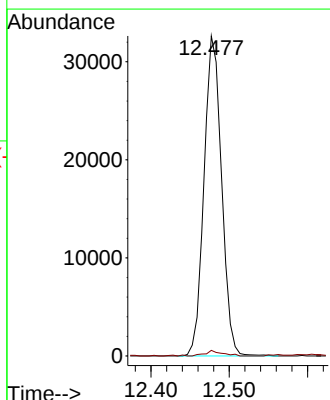
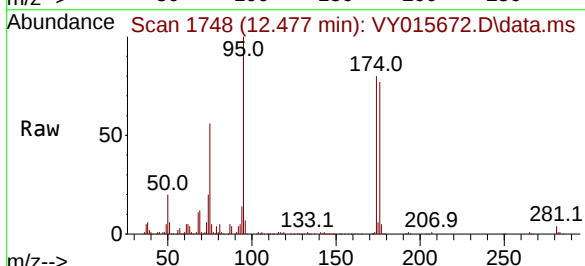
Acq: 21 Sep 2023 15:59

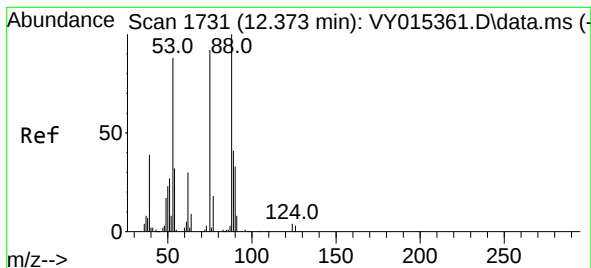
Tgt Ion: 75 Resp: 50740

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 76.409 ug/l

RT: 12.477 min Scan# 11

Delta R.T. 0.097 min

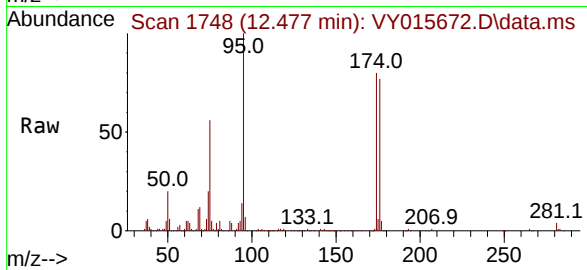
Lab File: VY015672.D

Acq: 21 Sep 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75 Resp: 50740

Ion Ratio Lower Upper

75 100

53 0.3 77.8 116.8#

89 0.0 37.4 56.0#

