

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015573.D
 Acq On : 15 Sep 2023 16:38
 Operator : SY/MD
 Sample : 04399-05
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 16:47:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

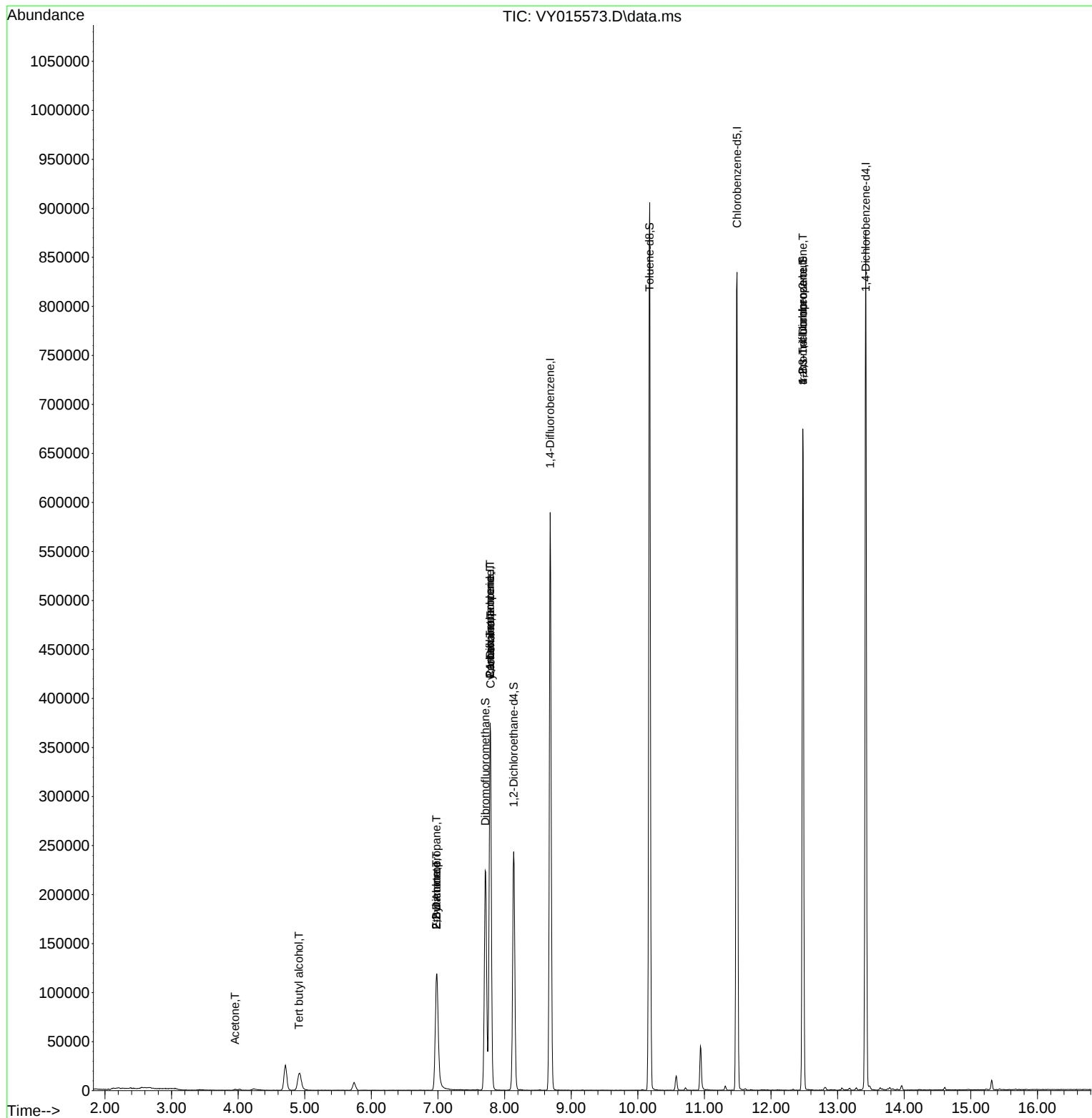
Internal Standards						
1) Pentafluorobenzene	7.783	168	296050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	495445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	465121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	216551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	191333	60.289	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.580%	
35) Dibromofluoromethane	7.710	113	159848	56.015	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.040%	
50) Toluene-d8	10.179	98	587134	56.815	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.620%	
62) 4-Bromofluorobenzene	12.477	95	203244	52.978	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	18571	10.066	ug/l #	90
16) Acetone	3.954	43	1782	1.345	ug/l #	82
20) Methylene Chloride	4.704	84	19098	Below Cal		92
25) 2-Butanone	6.978	43	6603	3.514	ug/l #	74
26) 2,2-Dichloropropane	6.978	77	9578	1.904	ug/l #	54
31) Cyclohexane	7.789	56	6012	1.066	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	22862	4.563	ug/l #	50
37) Ethyl Acetate	6.978	43	6603	1.709	ug/l #	1
38) Carbon Tetrachloride	7.783	117	29414	5.684	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	109627	38.175	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	109627	84.210	ug/l #	11

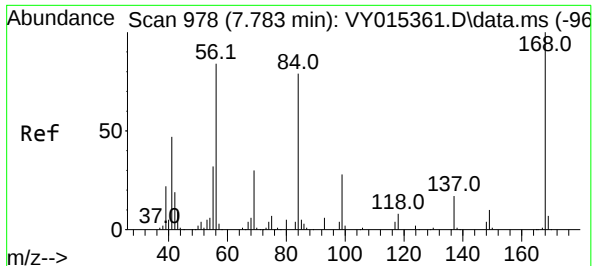
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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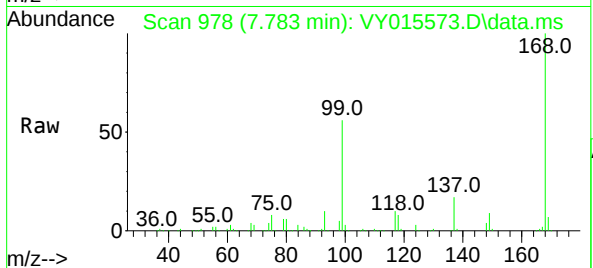
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



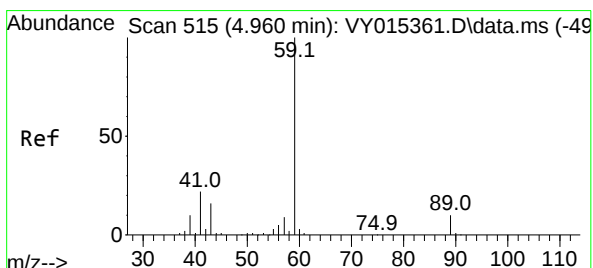
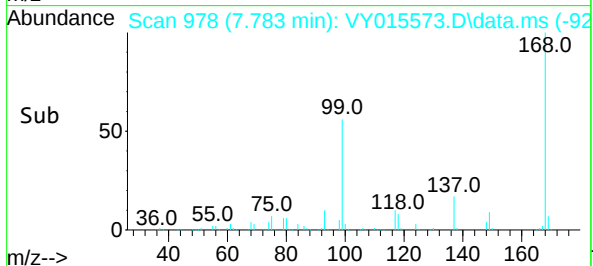
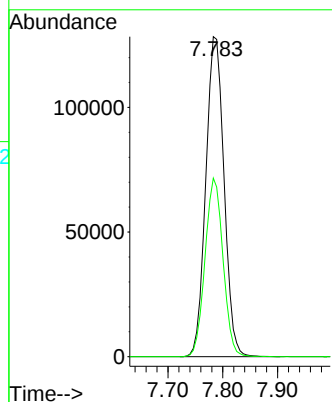


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015573.D
Acq: 15 Sep 2023 16:38

Instrument :
MSVOA_Y
ClientSampleId :

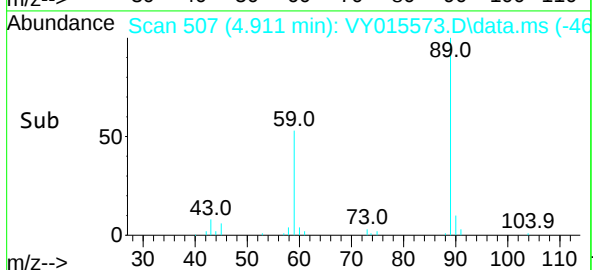
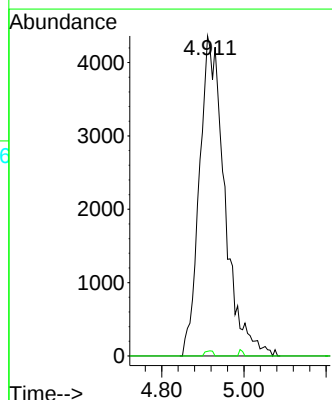
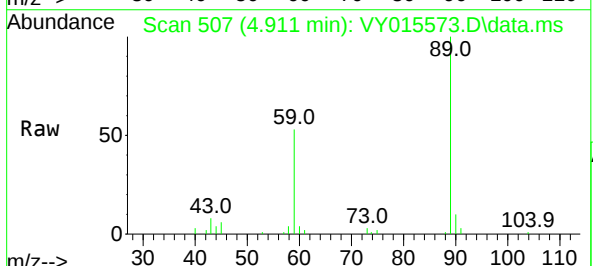


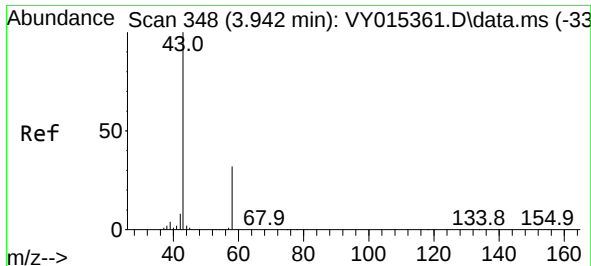
Tgt Ion:168 Resp: 296050
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#11
Tert butyl alcohol
Concen: 10.066 ug/l
RT: 4.911 min Scan# 507
Delta R.T. -0.043 min
Lab File: VY015573.D
Acq: 15 Sep 2023 16:38

Tgt Ion: 59 Resp: 18571
Ion Ratio Lower Upper
59 100
57 0.5 3.0 4.4#

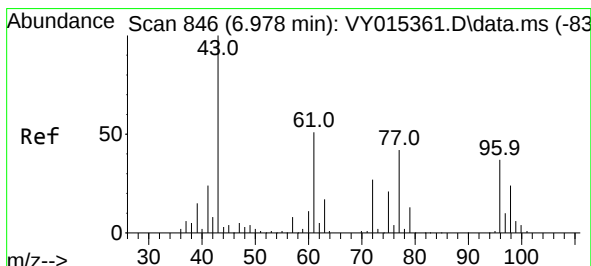
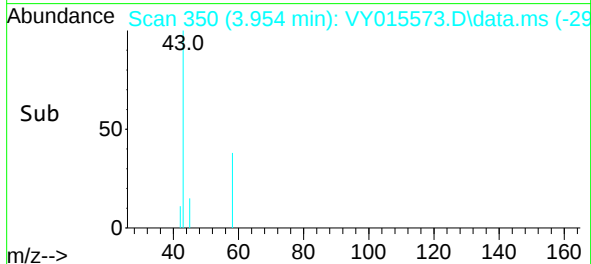
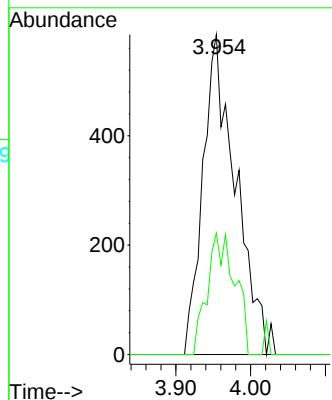
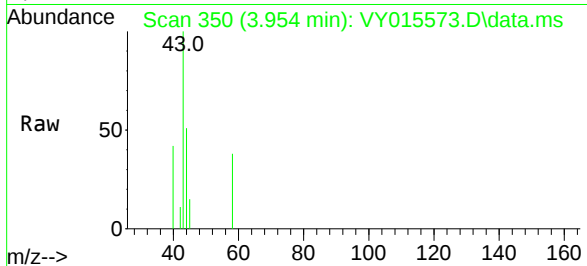




#16
Acetone
Concen: 1.345 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY015573.D
Acq: 15 Sep 2023 16:38

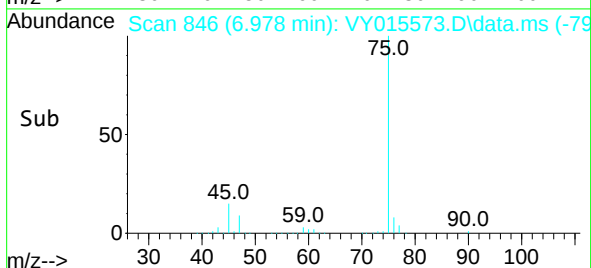
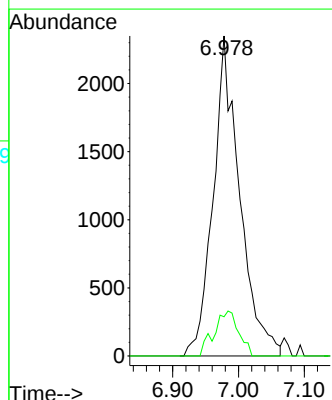
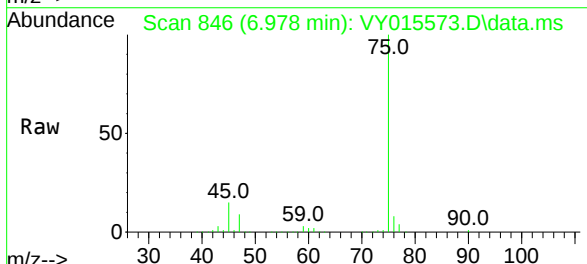
Instrument :
MSVOA_Y
ClientSampleId :

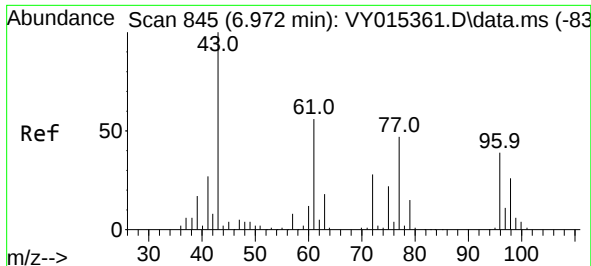
Tgt Ion: 43 Resp: 1782
Ion Ratio Lower Upper
43 100
58 37.9 22.7 34.1#



#25
2-Butanone
Concen: 3.514 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY015573.D
Acq: 15 Sep 2023 16:38

Tgt Ion: 43 Resp: 6603
Ion Ratio Lower Upper
43 100
72 12.3 20.5 30.7#





#26

2,2-Dichloropropane

Concen: 1.904 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY015573.D

Acq: 15 Sep 2023 16:38

Instrument :

MSVOA_Y

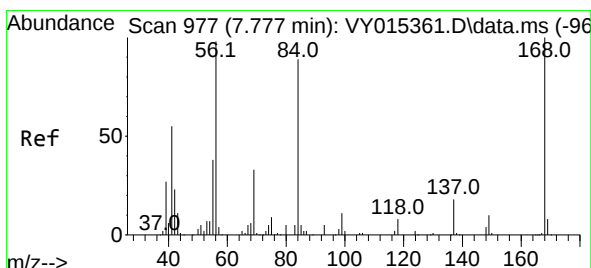
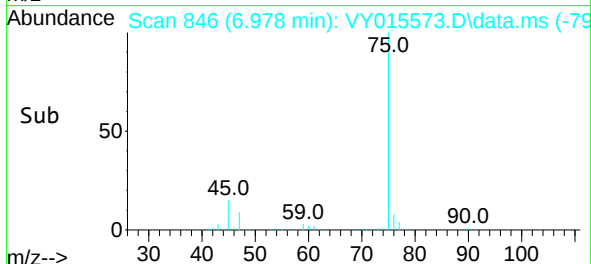
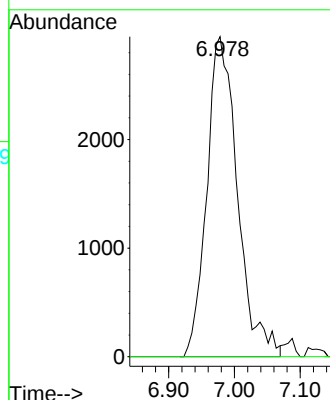
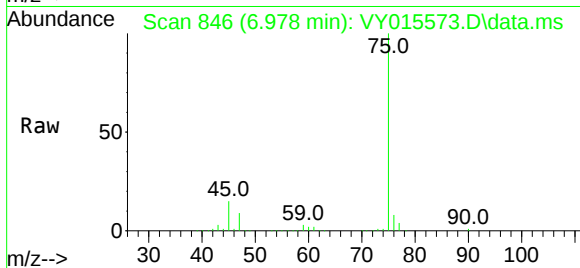
ClientSampleId :

Tgt Ion: 77 Resp: 9578

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#31

Cyclohexane

Concen: 1.066 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY015573.D

Acq: 15 Sep 2023 16:38

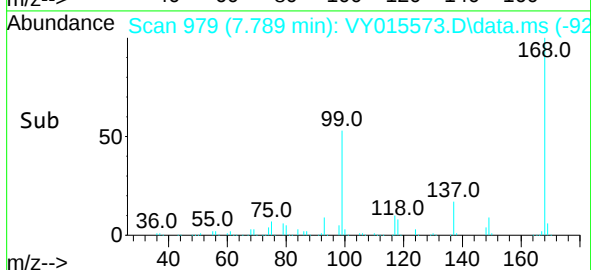
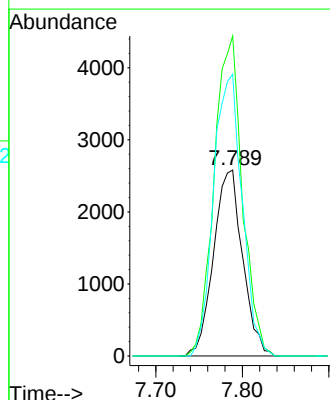
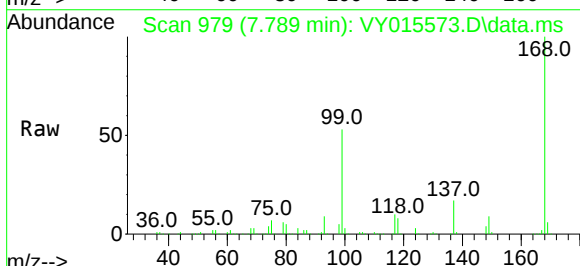
Tgt Ion: 56 Resp: 6012

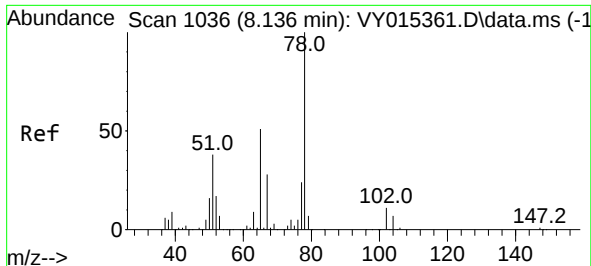
Ion Ratio Lower Upper

56 100

69 172.2 27.8 41.6#

84 151.6 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 60.289 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015573.D

Acq: 15 Sep 2023 16:38

Instrument :

MSVOA_Y

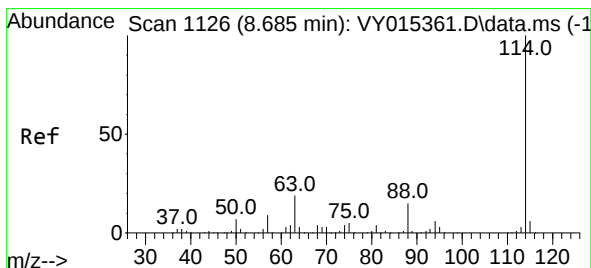
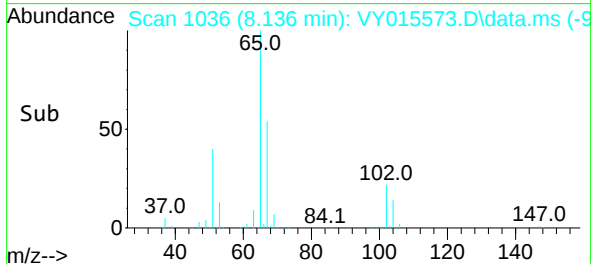
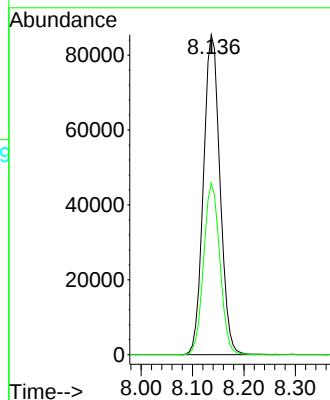
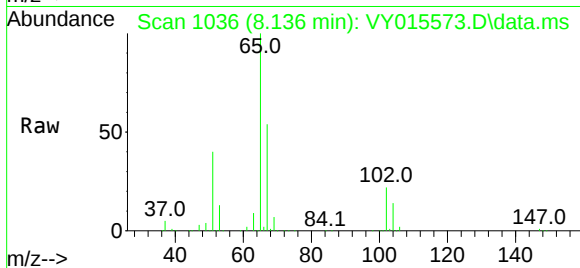
ClientSampleId :

Tgt Ion: 65 Resp: 191333

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: VY015573.D

Acq: 15 Sep 2023 16:38

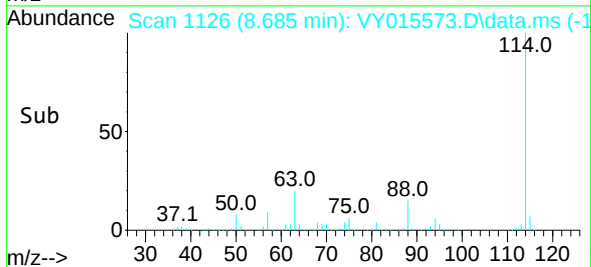
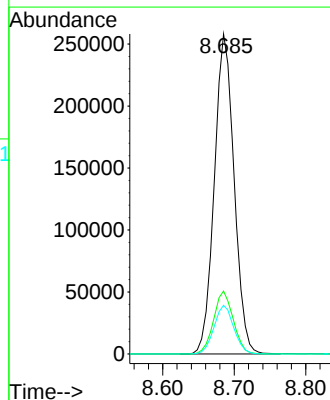
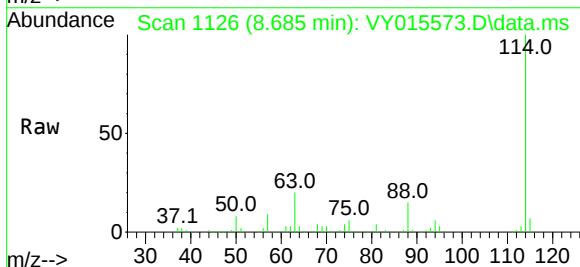
Tgt Ion: 114 Resp: 495445

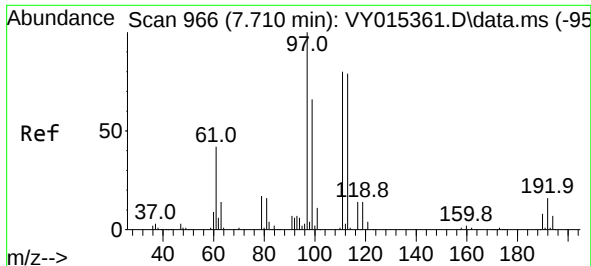
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.2 0.0 30.6

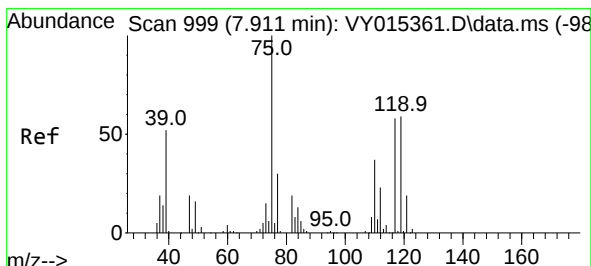
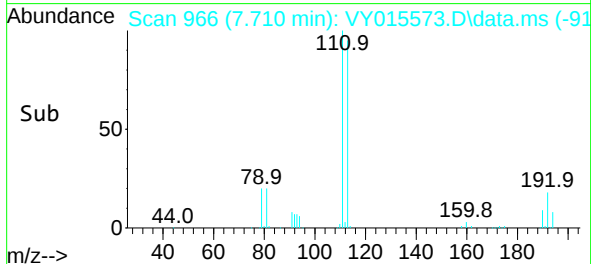
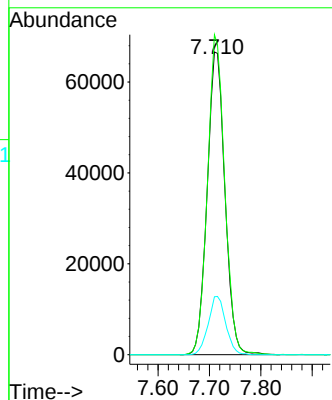
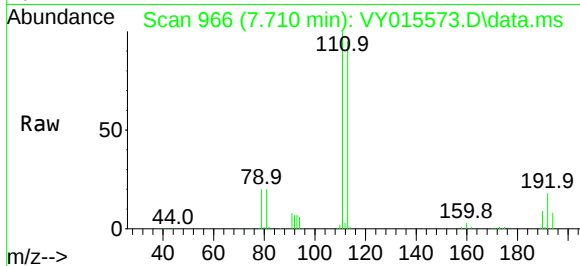




#35
Dibromofluoromethane
Concen: 56.015 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015573.D
Acq: 15 Sep 2023 16:38

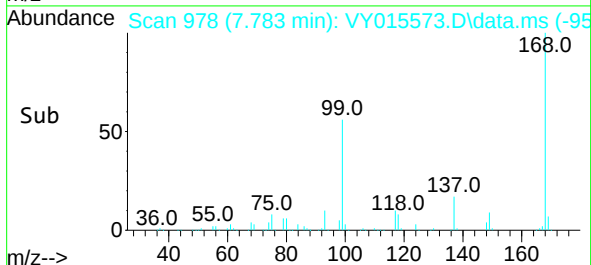
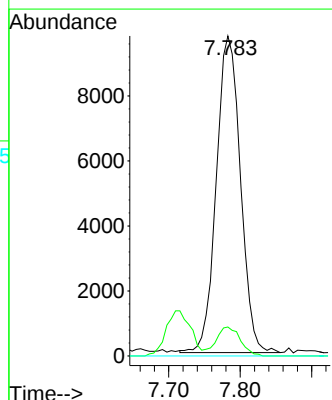
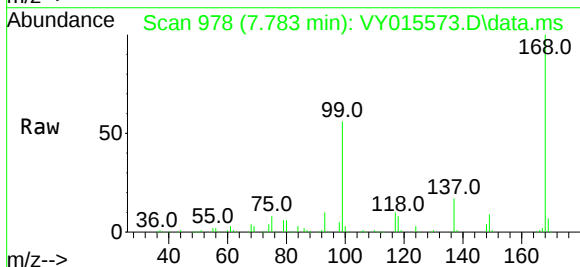
Instrument :
MSVOA_Y
ClientSampleId :

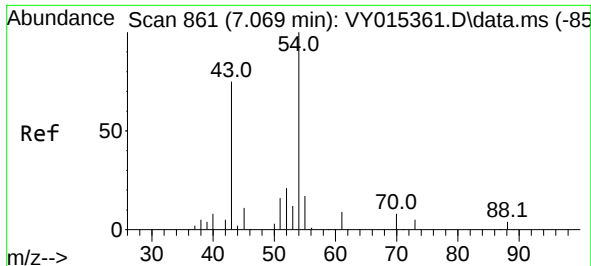
Tgt Ion:113 Resp: 159848
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.563 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015573.D
Acq: 15 Sep 2023 16:38

Tgt Ion: 75 Resp: 22862
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.709 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.085 min

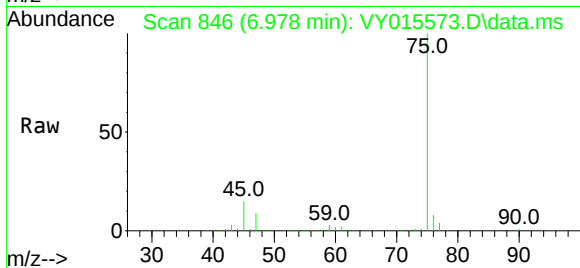
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Acq: 15 Sep 2023 16:38

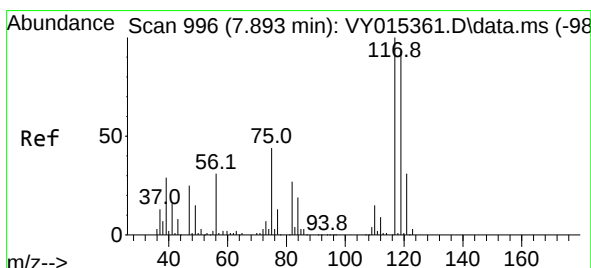
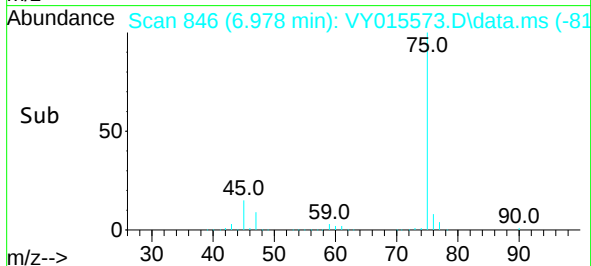
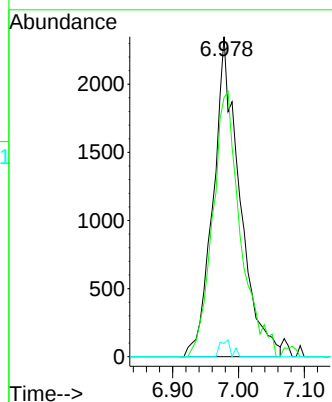
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	6603
Ion	Ratio	Lower	Upper
43	100		
61	86.8	10.1	15.1#
70	2.2	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.684 ug/l

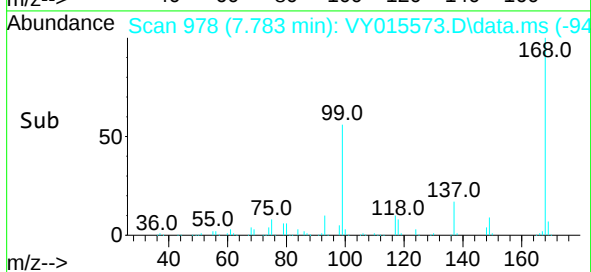
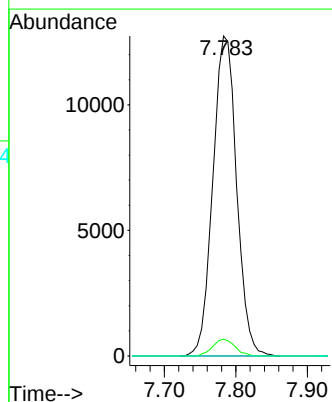
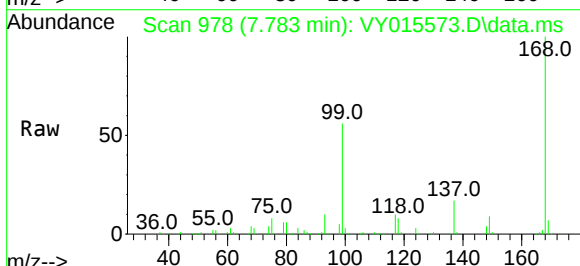
RT: 7.783 min Scan# 978

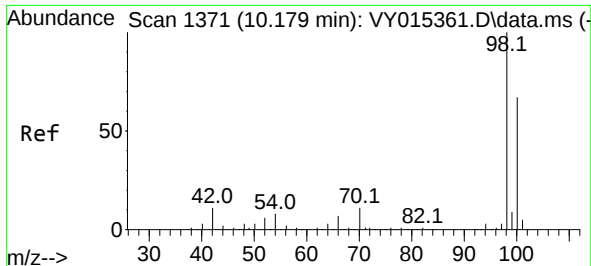
Delta R.T. -0.110 min

Lab File: VY015573.D

Acq: 15 Sep 2023 16:38

Tgt Ion:	117	Resp:	29414
Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.4	114.6#
121	0.0	25.8	38.6#

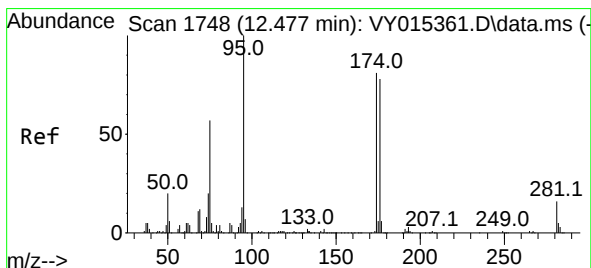
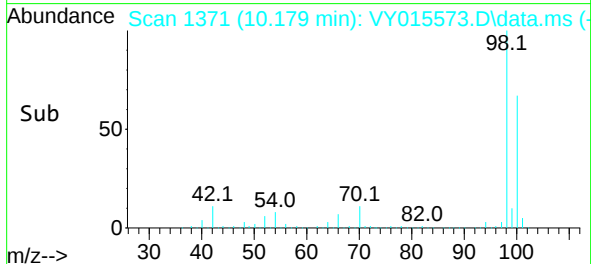
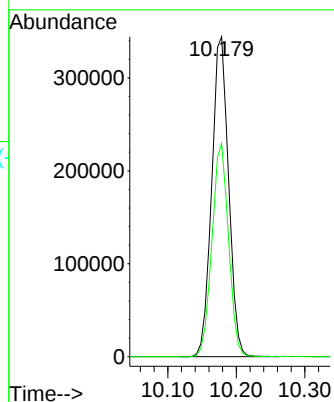
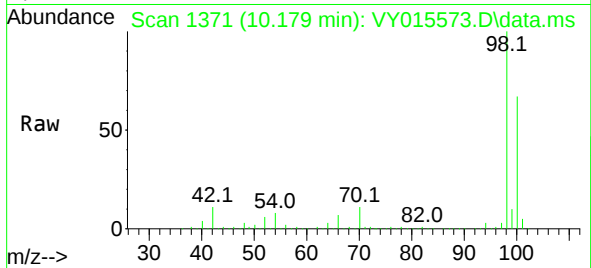




#50
Toluene-d8
Concen: 56.815 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015573.D
Acq: 15 Sep 2023 16:38

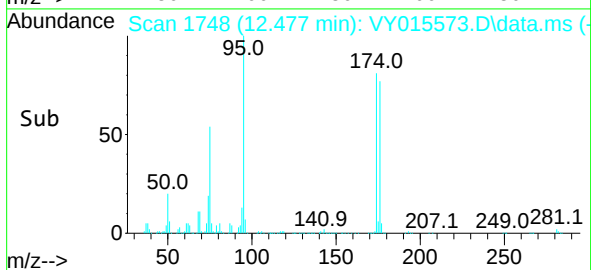
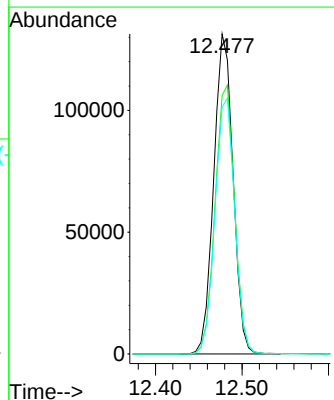
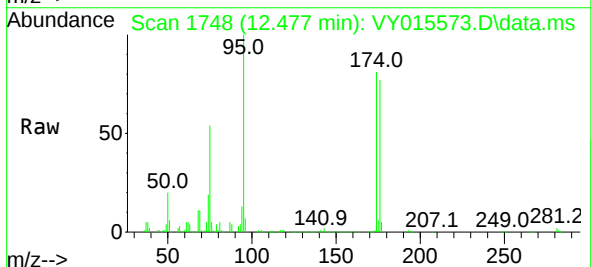
Instrument :
MSVOA_Y
ClientSampleId :

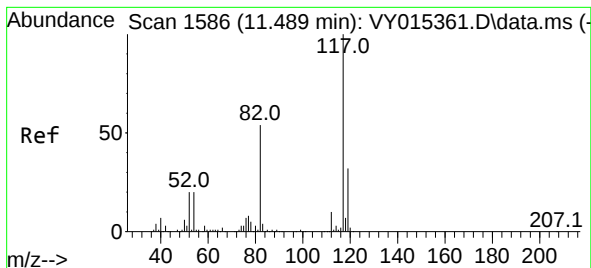
Tgt Ion: 98 Resp: 587134
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.978 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015573.D
Acq: 15 Sep 2023 16:38

Tgt Ion: 95 Resp: 203244
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 81.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

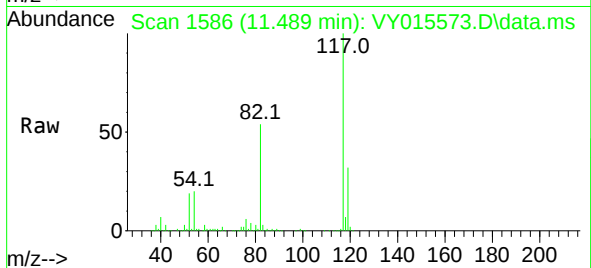
Lab File: VY015573.D

Acq: 15 Sep 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :



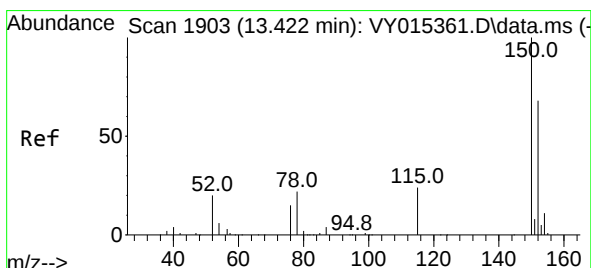
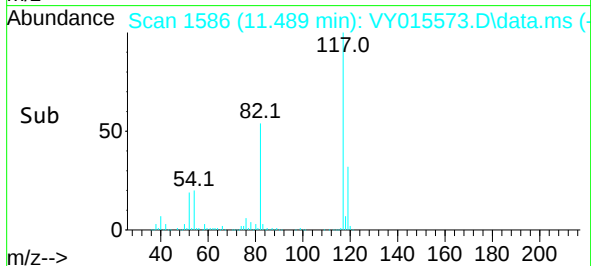
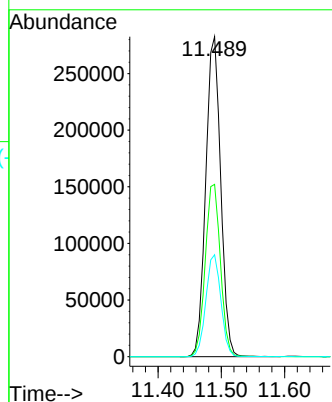
Tgt Ion:117 Resp: 465121

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

119 31.8 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: VY015573.D

Acq: 15 Sep 2023 16:38

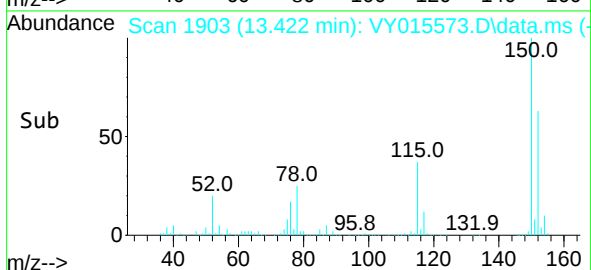
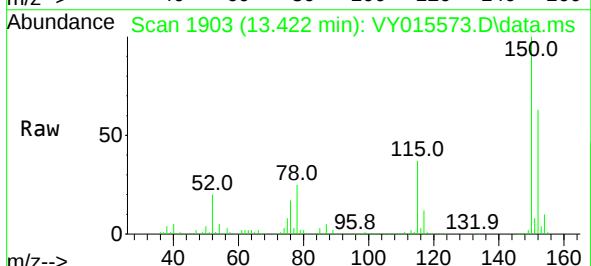
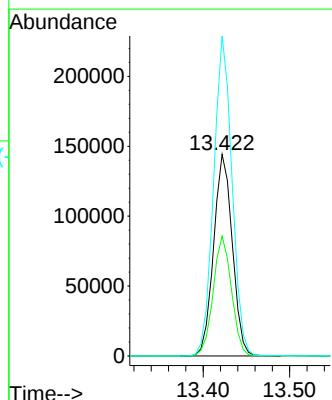
Tgt Ion:152 Resp: 216551

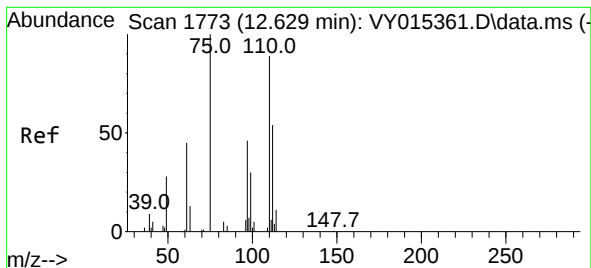
Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 156.1 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 38.175 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY015573.D

Acq: 15 Sep 2023 16:38

Instrument :

MSVOA_Y

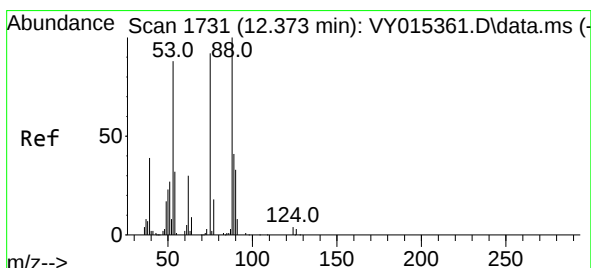
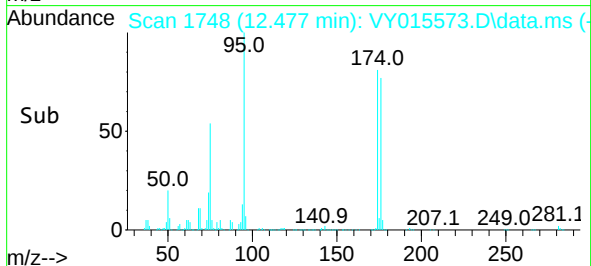
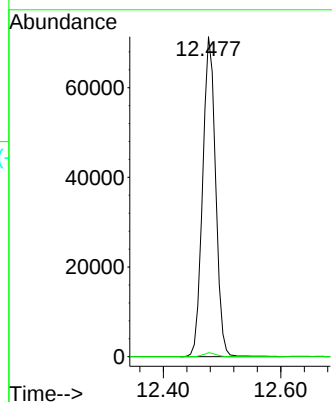
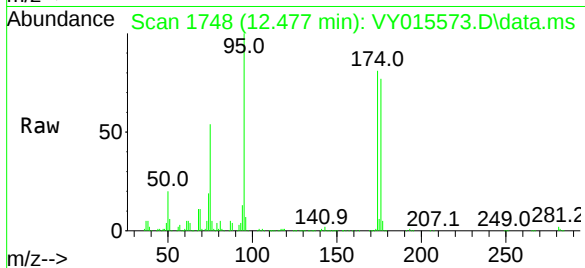
ClientSampleId :

Tgt Ion: 75 Resp: 109627

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 84.210 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.097 min

Lab File: VY015573.D

Acq: 15 Sep 2023 16:38

Tgt Ion: 75 Resp: 109627

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.1 37.4 56.0#

