

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015522.D
 Acq On : 12 Sep 2023 20:57
 Operator : SY/MD
 Sample : 04397-01
 Misc : 6.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 05:57:53 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)

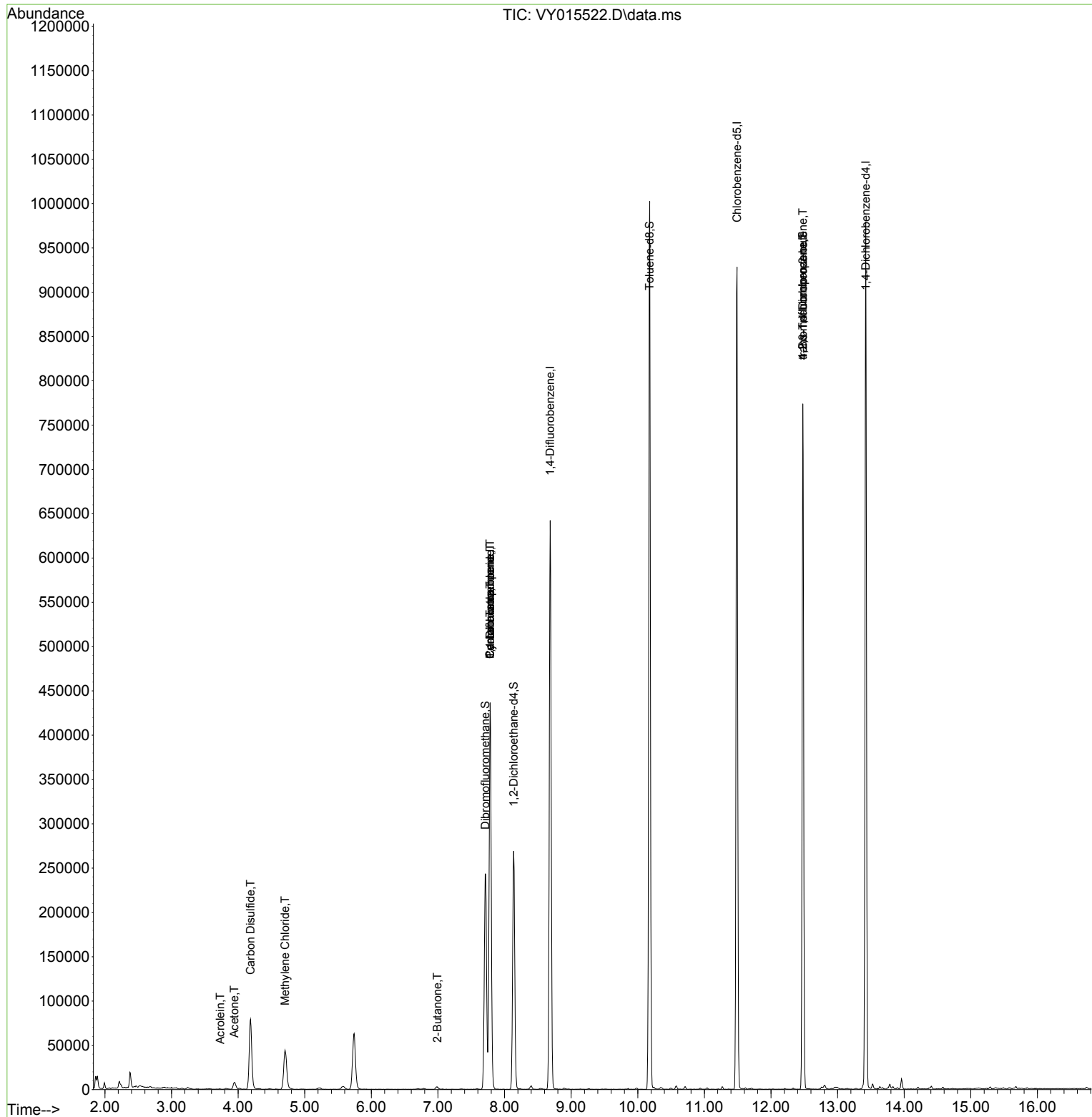
Internal Standards						
1) Pentafluorobenzene	7.783	168	333063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	555223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	505602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	244490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	207487	58.113	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.220%			
35) Dibromofluoromethane	7.710	113	174084	54.436	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.880%			
50) Toluene-d8	10.179	98	651453	56.252	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.500%			
62) 4-Bromofluorobenzene	12.477	95	224018	52.106	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.220%			
Target Compounds						
11) Tert butyl alcohol	4.948	59	660	Below Cal	#	89
13) Acrolein	3.729	56	391	12.022	ug/l	94
16) Acetone	3.942	43	14068	9.440	ug/l #	89
17) Carbon Disulfide	4.186	76	161272	16.293	ug/l	99
20) Methylene Chloride	4.704	84	34366	1.279	ug/l	91
25) 2-Butanone	6.990	43	4986	2.359	ug/l	95
31) Cyclohexane	7.783	56	7017	1.106	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	24671	4.394	ug/l #	49
38) Carbon Tetrachloride	7.783	117	33634	5.799	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	120401	37.136	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	120401	81.917	ug/l #	10

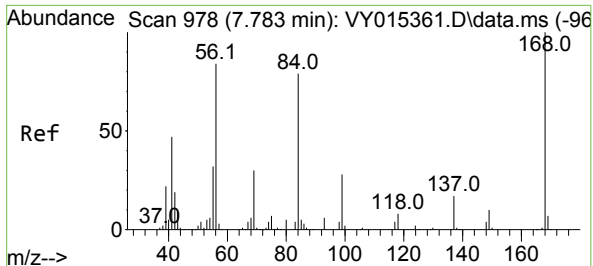
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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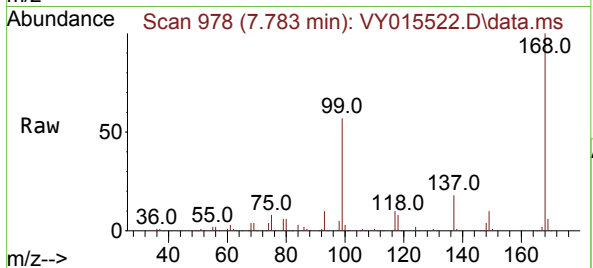
Quant Time: Sep 13 05:57:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
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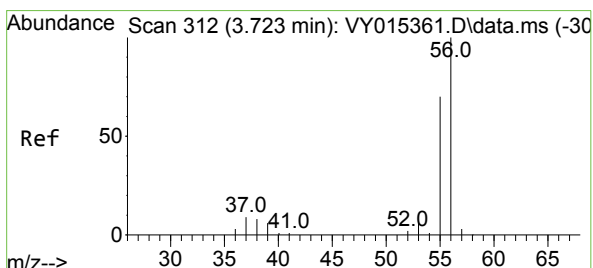
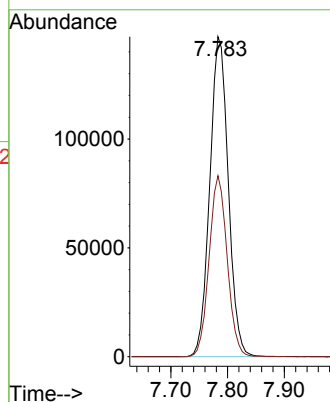
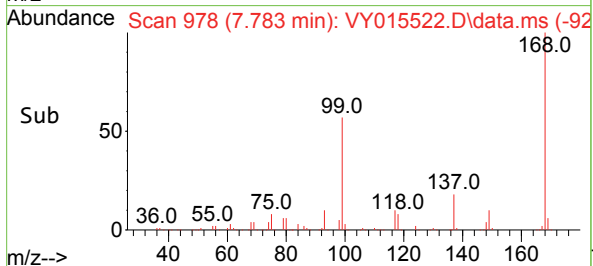


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015522.D
Acq: 12 Sep 2023 20:57

Instrument :
MSVOA_Y
ClientSampleId :

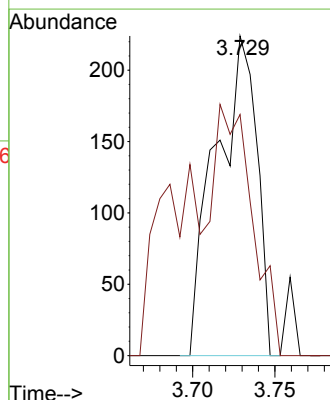
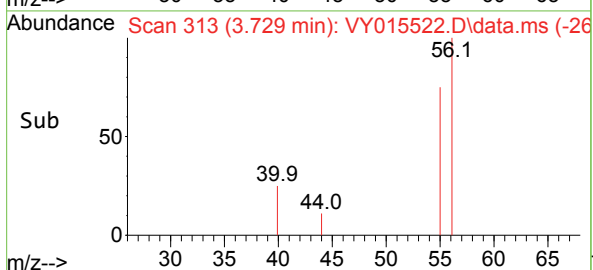
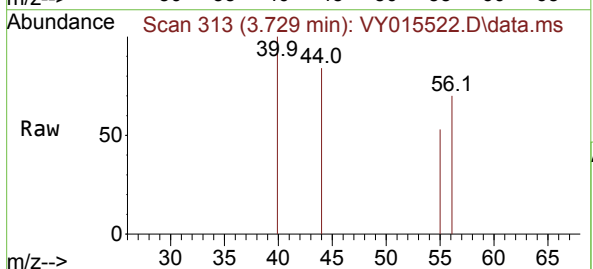


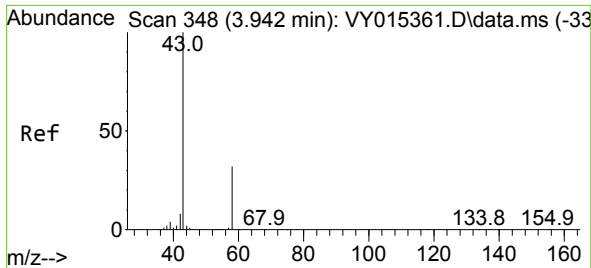
Tgt Ion:168 Resp: 333063
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#13
Acrolein
Concen: 12.022 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY015522.D
Acq: 12 Sep 2023 20:57

Tgt Ion: 56 Resp: 391
Ion Ratio Lower Upper
56 100
55 76.5 57.0 85.4





#16

Acetone

Concen: 9.440 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

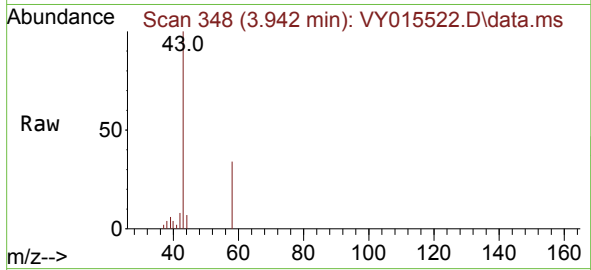
Lab File: VY015522.D

Acq: 12 Sep 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :

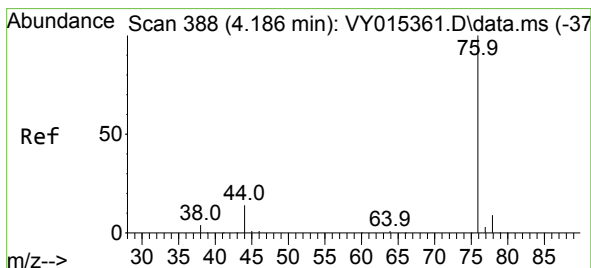
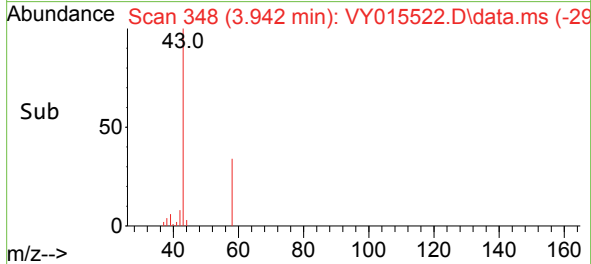
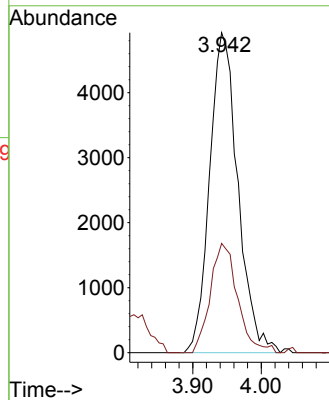


Tgt Ion: 43 Resp: 14068

Ion Ratio Lower Upper

43 100

58 34.2 22.7 34.1#



#17

Carbon Disulfide

Concen: 16.293 ug/l

RT: 4.186 min Scan# 388

Delta R.T. 0.000 min

Lab File: VY015522.D

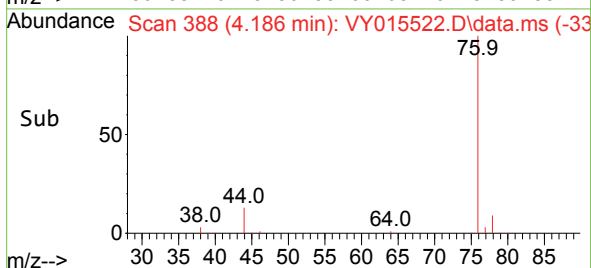
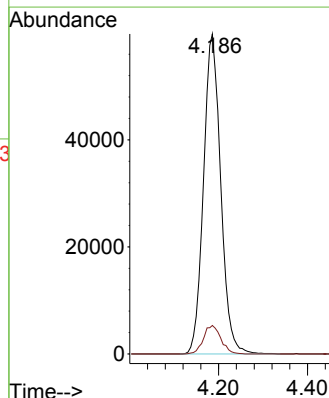
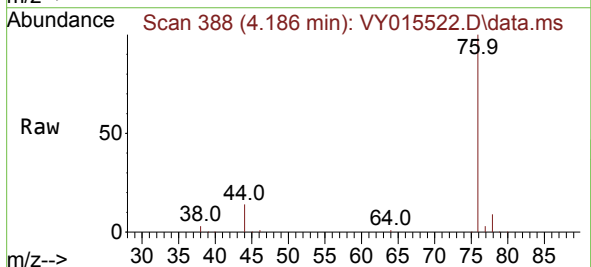
Acq: 12 Sep 2023 20:57

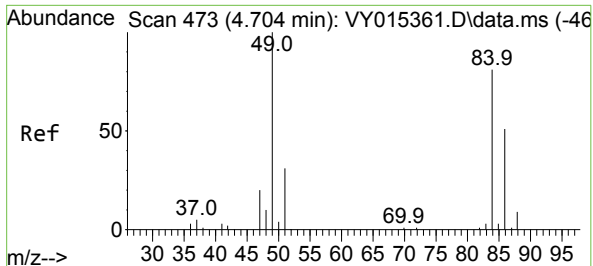
Tgt Ion: 76 Resp: 161272

Ion Ratio Lower Upper

76 100

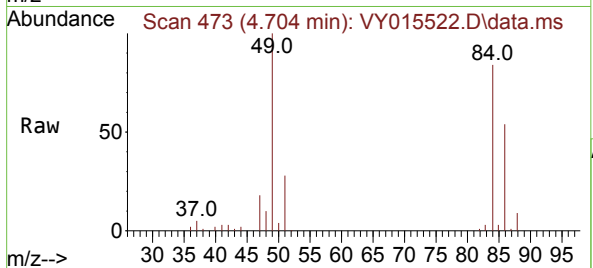
78 8.9 7.0 10.4



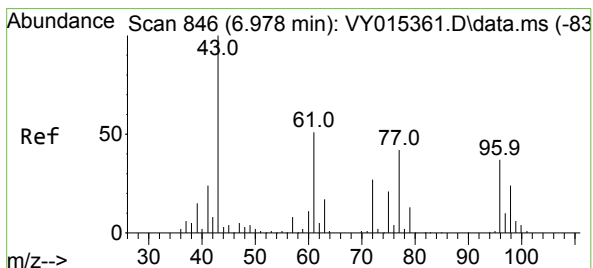
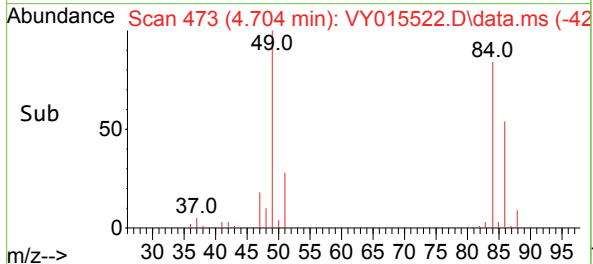
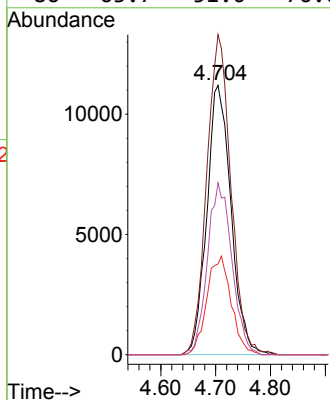


#20
Methylene Chloride
Concen: 1.279 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015522.D
Acq: 12 Sep 2023 20:57

Instrument :
MSVOA_Y
ClientSampleId :

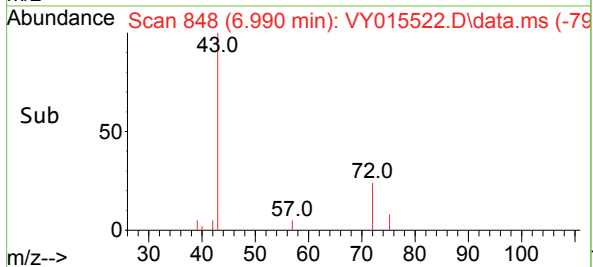
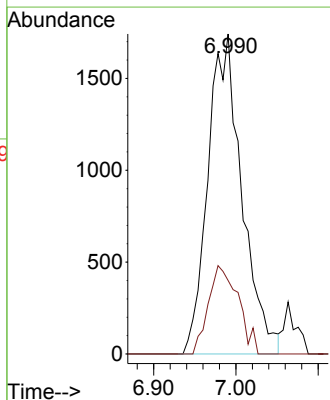
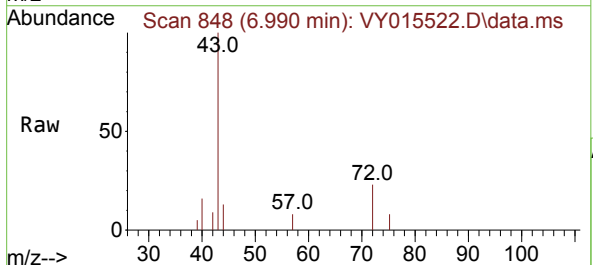


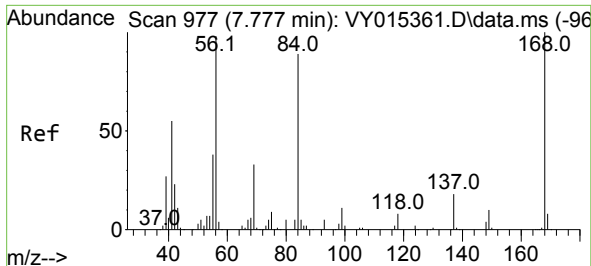
Tgt Ion:	84	Resp:	34366
Ion	Ratio	Lower	Upper
84	100		
49	118.8	106.9	160.3
51	33.7	33.2	49.8
86	63.7	51.0	76.6



#25
2-Butanone
Concen: 2.359 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY015522.D
Acq: 12 Sep 2023 20:57

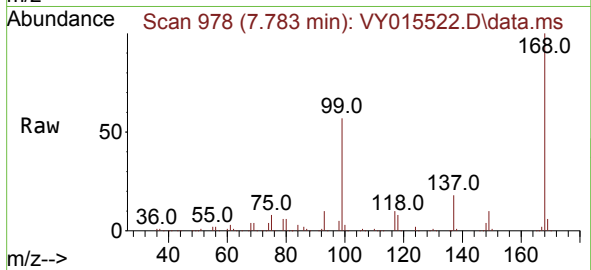
Tgt Ion:	43	Resp:	4986
Ion	Ratio	Lower	Upper
43	100		
72	23.0	20.5	30.7



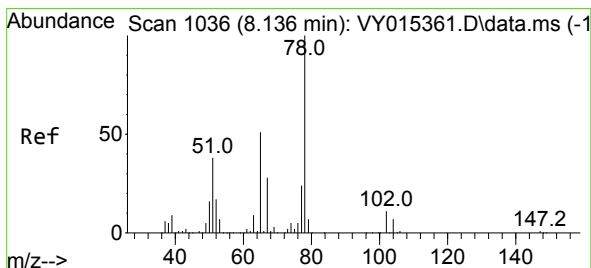
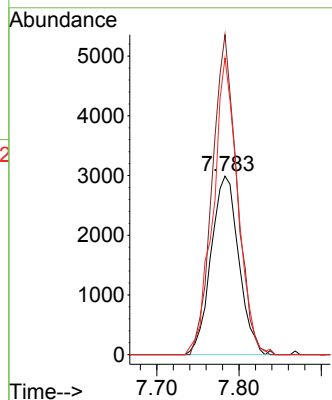
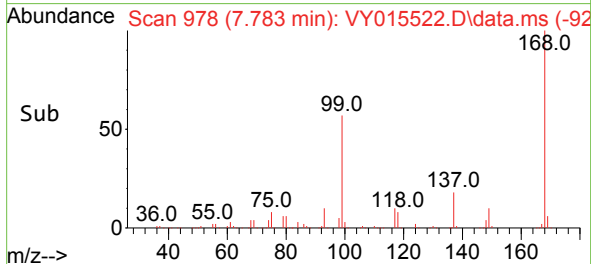


#31
Cyclohexane
Concen: 1.106 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015522.D
Acq: 12 Sep 2023 20:57

Instrument :
MSVOA_Y
ClientSampleId :

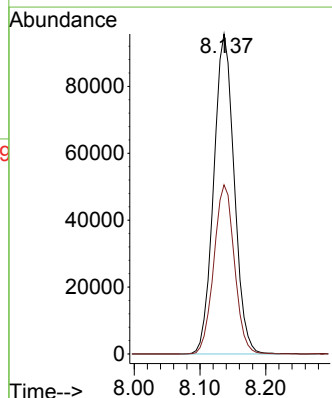
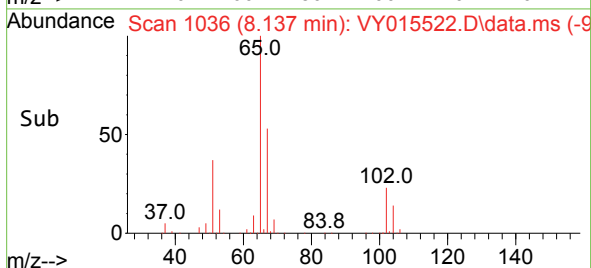
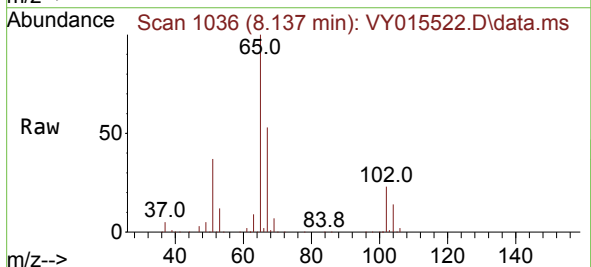


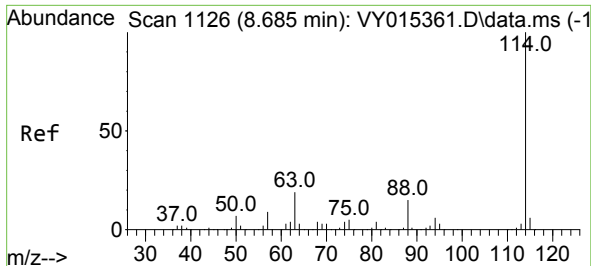
Tgt Ion: 56 Resp: 7017
Ion Ratio Lower Upper
56 100
69 179.2 27.8 41.6#
84 166.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 58.113 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015522.D
Acq: 12 Sep 2023 20:57

Tgt Ion: 65 Resp: 207487
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.8

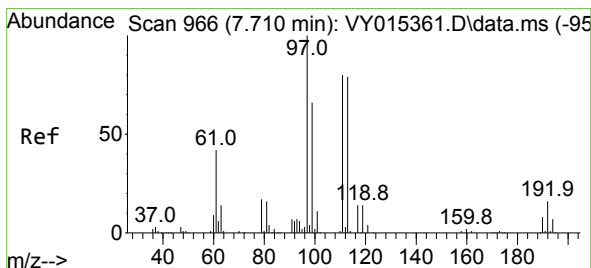
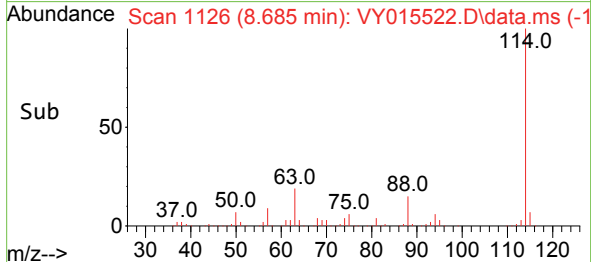
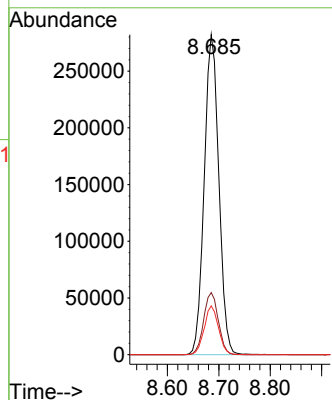
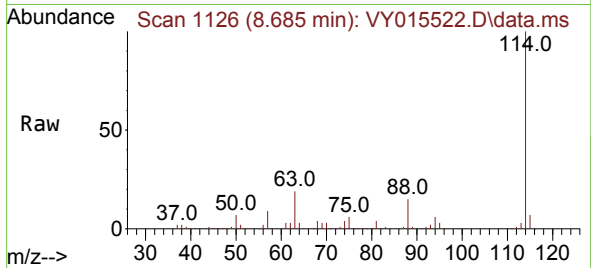




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015522.D
Acq: 12 Sep 2023 20:57

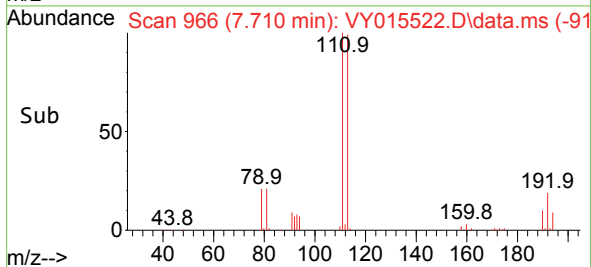
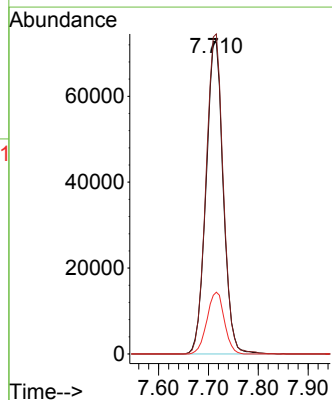
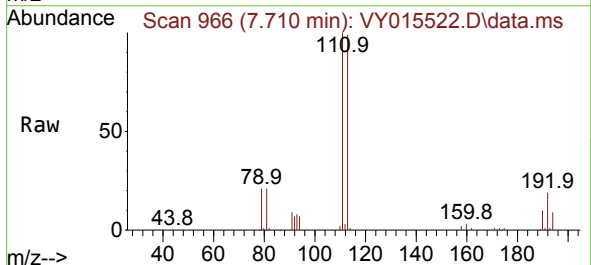
Instrument :
MSVOA_Y
ClientSampleId :

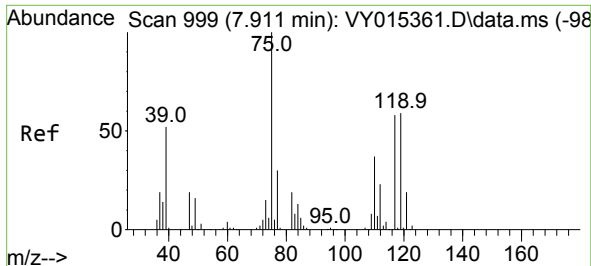
Tgt Ion:114 Resp: 555223
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.436 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015522.D
Acq: 12 Sep 2023 20:57

Tgt Ion:113 Resp: 174084
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 20.0 16.9 25.3

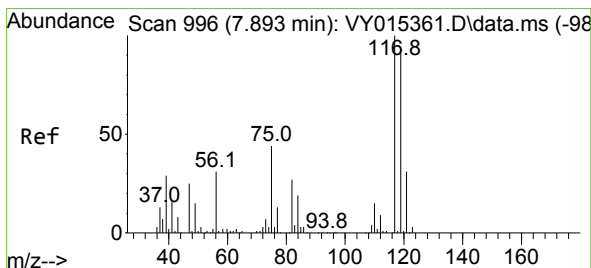
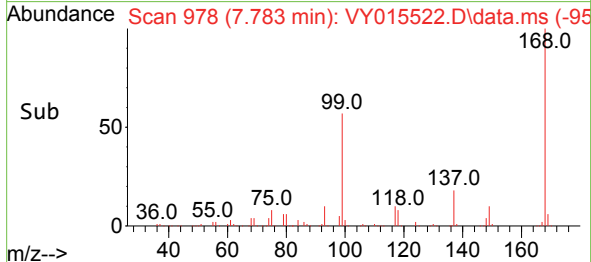
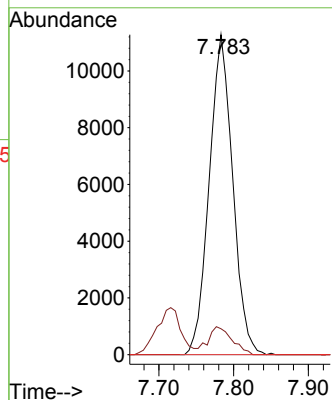
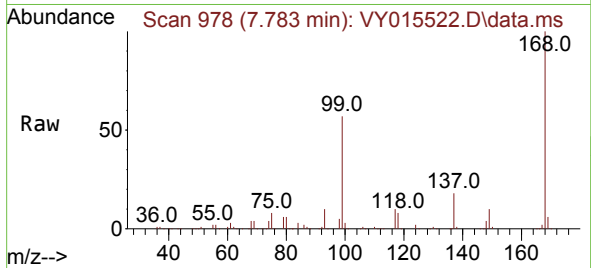




#36
1,1-Dichloropropene
Concen: 4.394 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015522.D
Acq: 12 Sep 2023 20:57

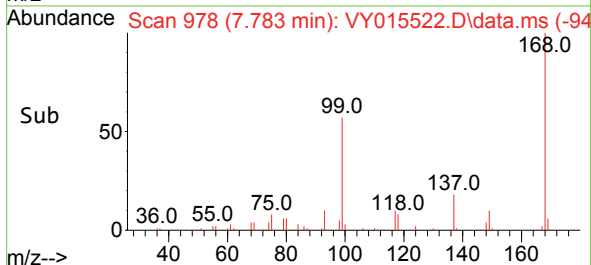
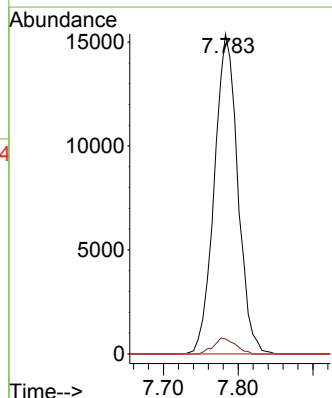
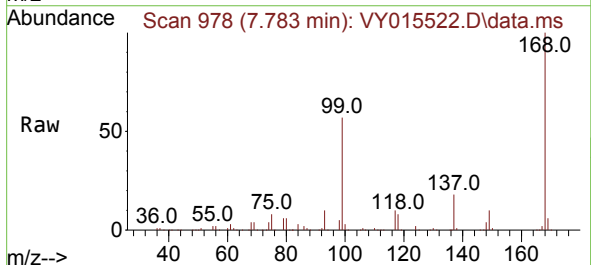
Instrument :
MSVOA_Y
ClientSampleId :

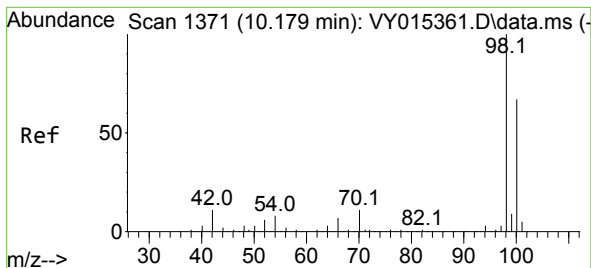
Tgt Ion: 75 Resp: 24671
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.799 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY015522.D
Acq: 12 Sep 2023 20:57

Tgt Ion: 117 Resp: 33634
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 56.252 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015522.D

Acq: 12 Sep 2023 20:57

Instrument :

MSVOA_Y

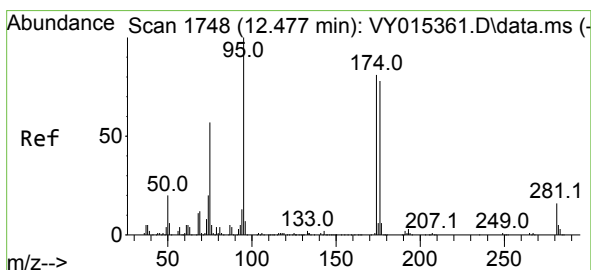
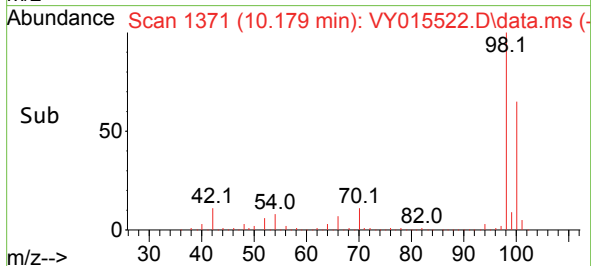
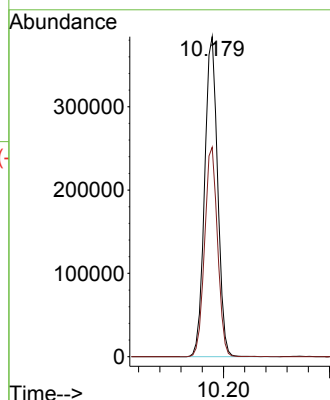
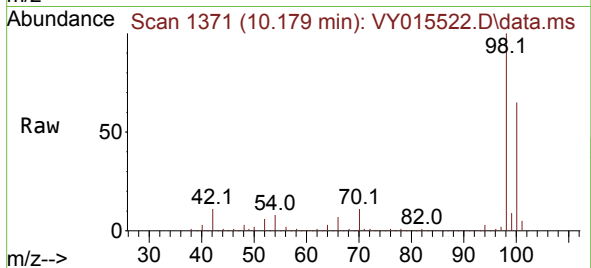
ClientSampleId :

Tgt Ion: 98 Resp: 651453

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 52.106 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015522.D

Acq: 12 Sep 2023 20:57

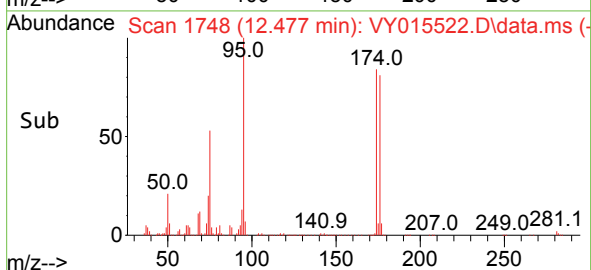
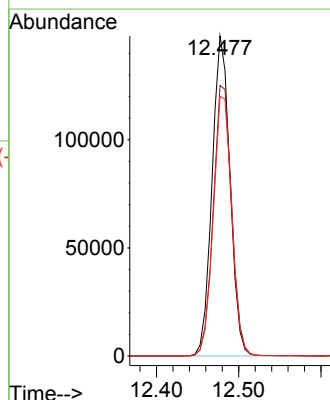
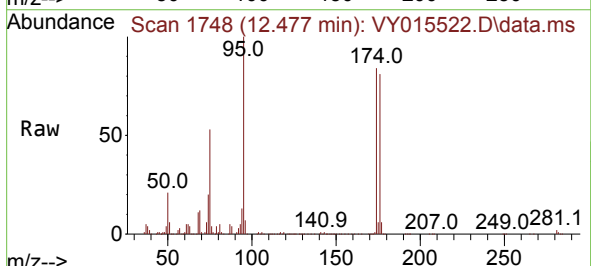
Tgt Ion: 95 Resp: 224018

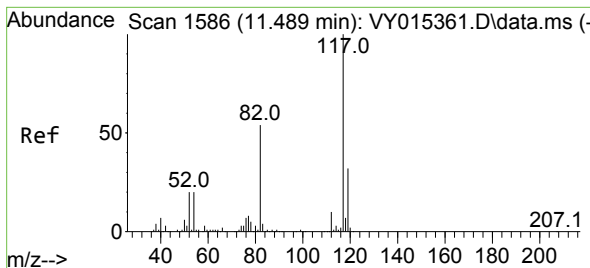
Ion Ratio Lower Upper

95 100

174 87.2 0.0 178.2

176 83.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

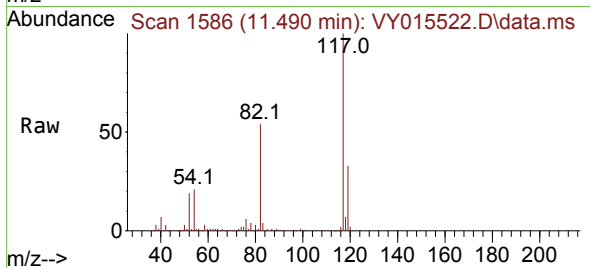
Lab File: VY015522.D

Acq: 12 Sep 2023 20:57

Instrument :

MSVOA_Y

ClientSampleId :



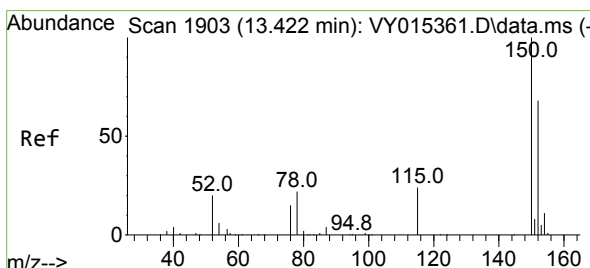
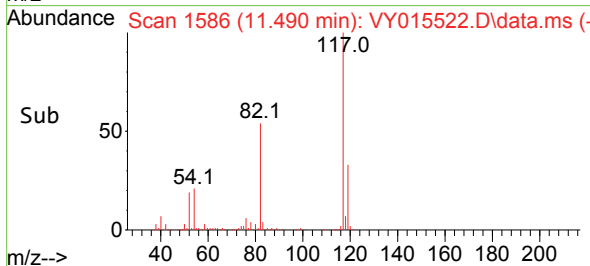
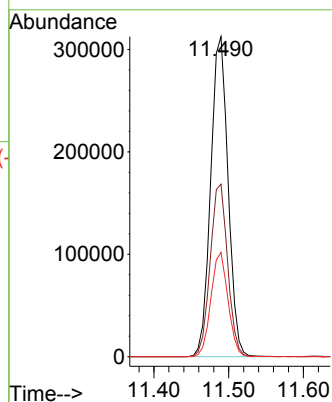
Tgt Ion:117 Resp: 505602

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

119 32.6 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: VY015522.D

Acq: 12 Sep 2023 20:57

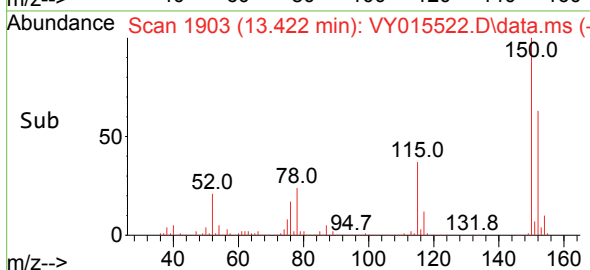
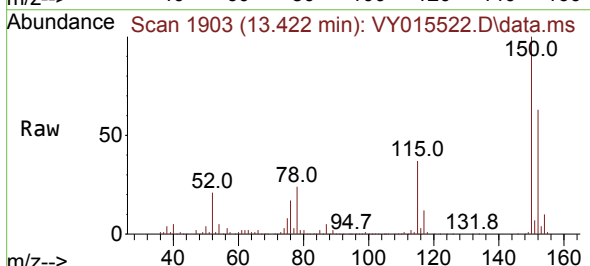
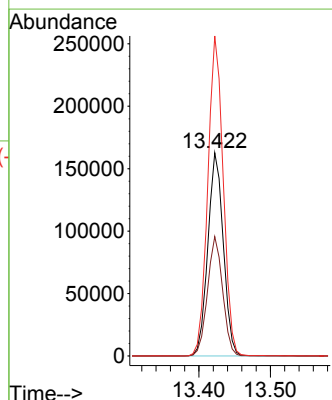
Tgt Ion:152 Resp: 244490

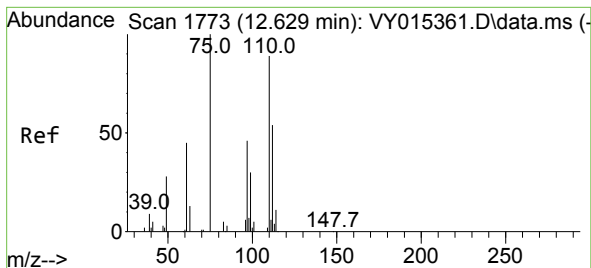
Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 156.7 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 37.136 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015522.D

Acq: 12 Sep 2023 20:57

Instrument :

MSVOA_Y

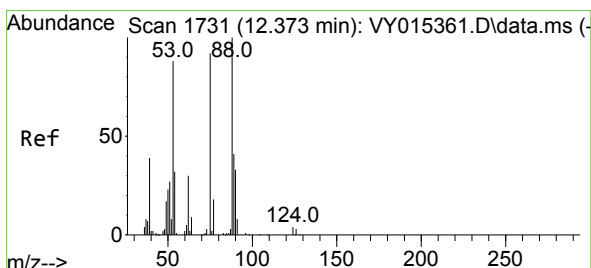
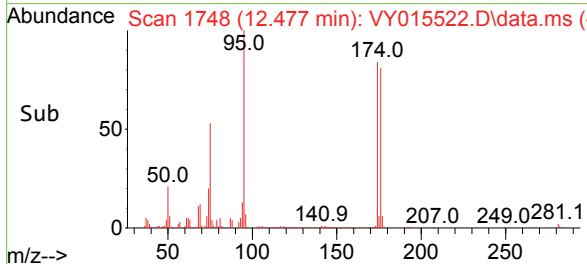
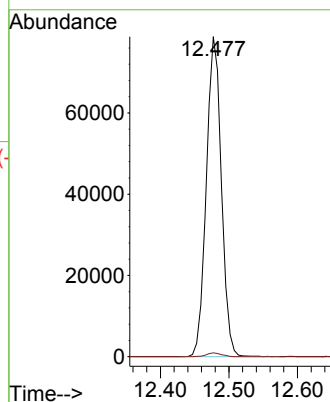
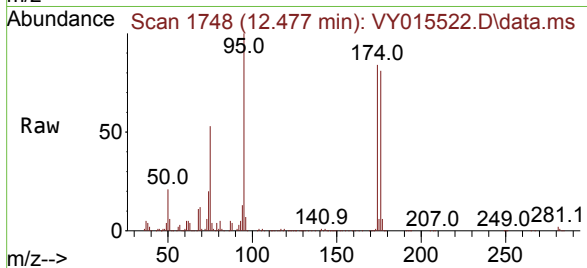
ClientSampleId :

Tgt Ion: 75 Resp: 120401

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.917 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.098 min

Lab File: VY015522.D

Acq: 12 Sep 2023 20:57

Tgt Ion: 75 Resp: 120401

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

