

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015570.D
 Acq On : 15 Sep 2023 15:28
 Operator : SY/MD
 Sample : 04400-01
 Misc : 4.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 16:16:29 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)

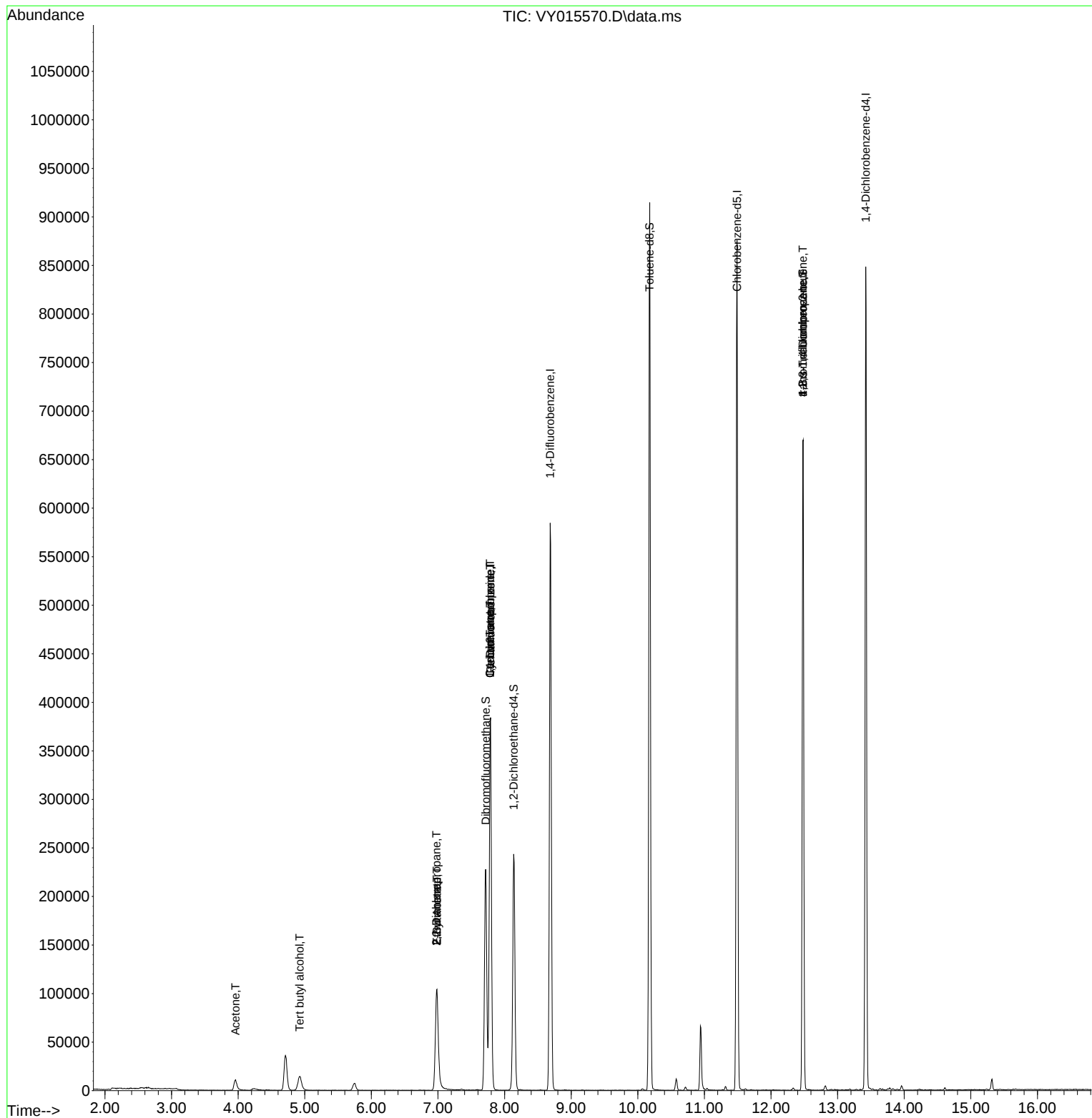
Internal Standards						
1) Pentafluorobenzene	7.789	168	299845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	502684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	465302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	217844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	189389	58.921	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.840%	
35) Dibromofluoromethane	7.716	113	161266	55.698	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.400%	
50) Toluene-d8	10.179	98	592160	56.476	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.960%	
62) 4-Bromofluorobenzene	12.477	95	205717	52.850	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	15603	5.516	ug/l #	90
16) Acetone	3.960	43	22054	16.438	ug/l	91
25) 2-Butanone	6.984	43	8001	4.205	ug/l #	83
26) 2,2-Dichloropropane	6.978	77	8375	1.643	ug/l #	54
31) Cyclohexane	7.783	56	6093	1.067	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	22581	4.442	ug/l #	50
37) Ethyl Acetate	6.984	43	8001	2.041	ug/l #	14
38) Carbon Tetrachloride	7.783	117	29068	5.536	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	111073	38.449	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	111073	84.814	ug/l #	10

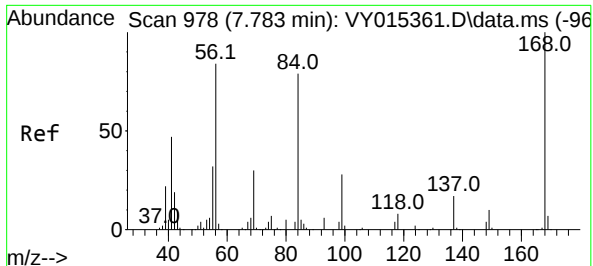
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
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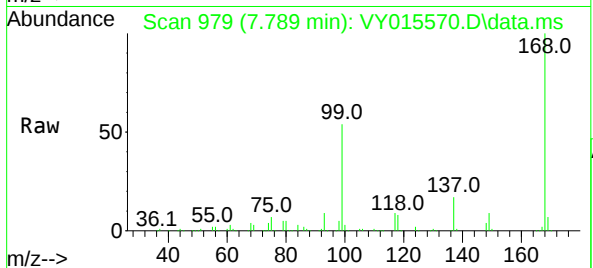
Quant Time: Sep 15 16:16:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



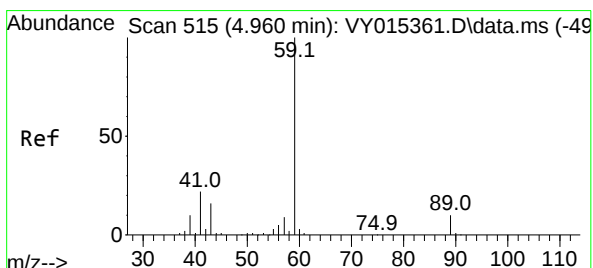
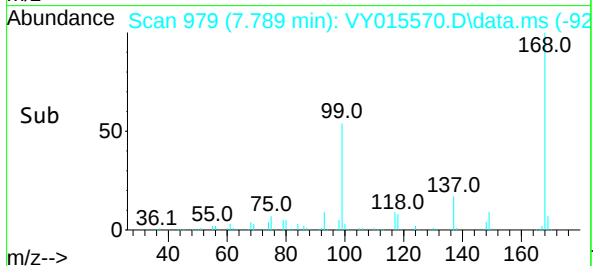
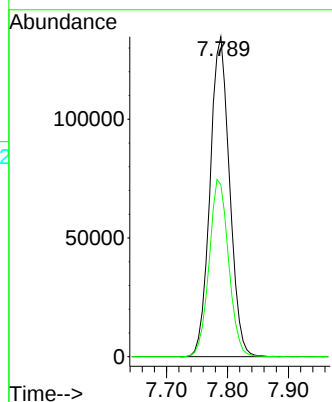


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015570.D
Acq: 15 Sep 2023 15:28

Instrument :
MSVOA_Y
ClientSampleId :

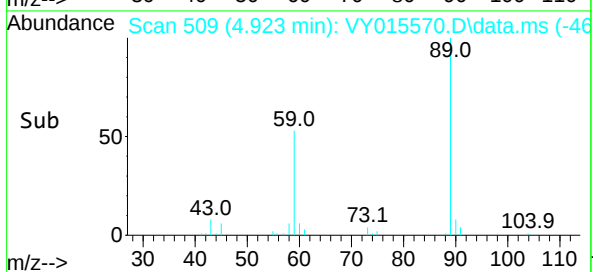
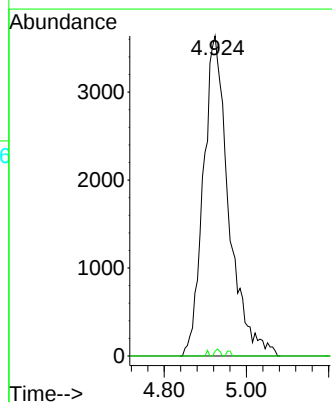
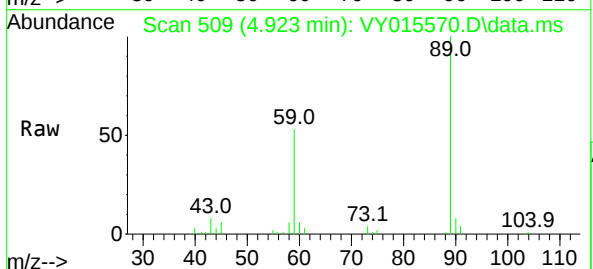


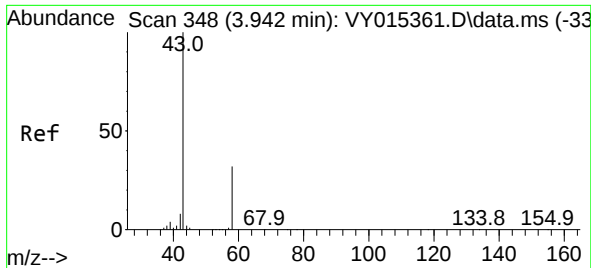
Tgt Ion:168 Resp: 299845
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 5.516 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY015570.D
Acq: 15 Sep 2023 15:28

Tgt Ion: 59 Resp: 15603
Ion Ratio Lower Upper
59 100
57 0.4 3.0 4.4#





#16

Acetone

Concen: 16.438 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.018 min

Lab File: VY015570.D

Acq: 15 Sep 2023 15:28

Instrument :

MSVOA_Y

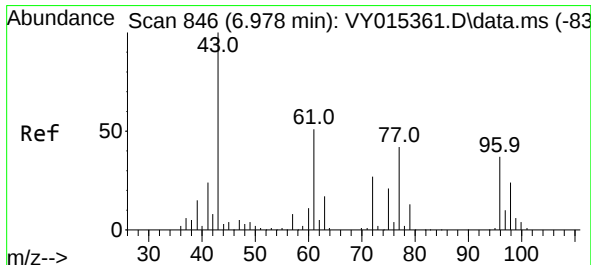
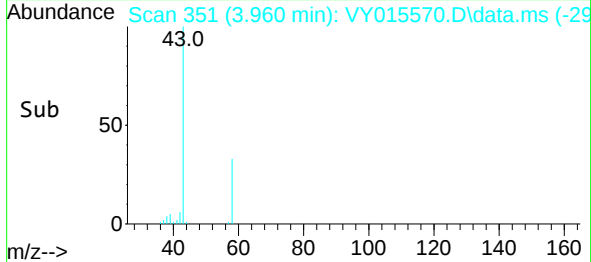
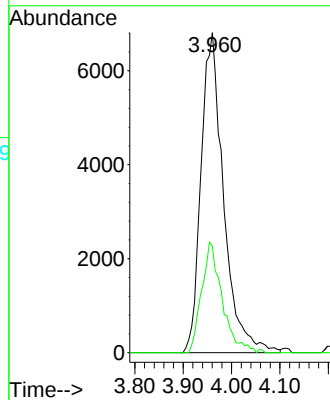
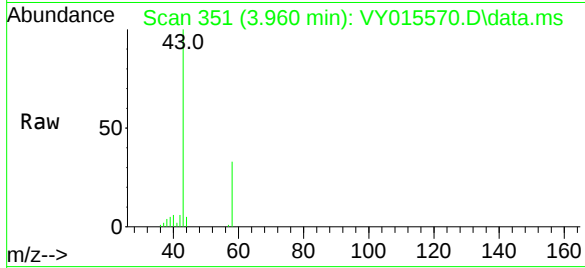
ClientSampleId :

Tgt Ion: 43 Resp: 22054

Ion Ratio Lower Upper

43 100

58 33.3 22.7 34.1



#25

2-Butanone

Concen: 4.205 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015570.D

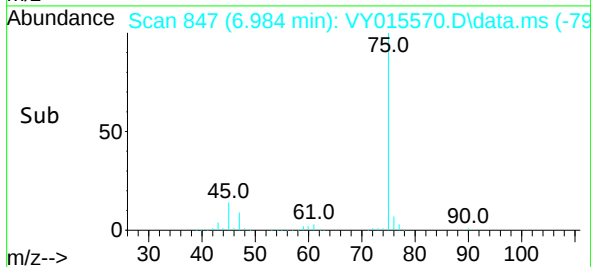
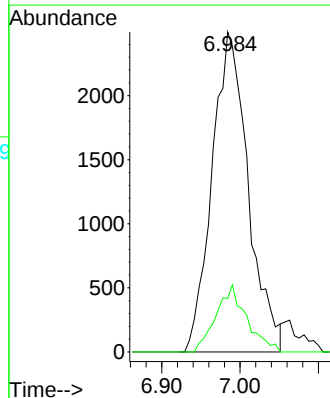
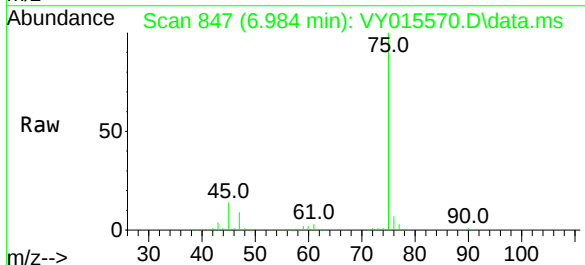
Acq: 15 Sep 2023 15:28

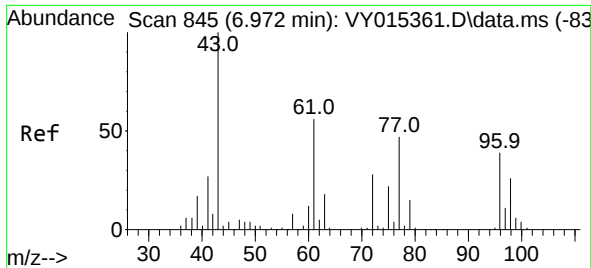
Tgt Ion: 43 Resp: 8001

Ion Ratio Lower Upper

43 100

72 16.7 20.5 30.7#

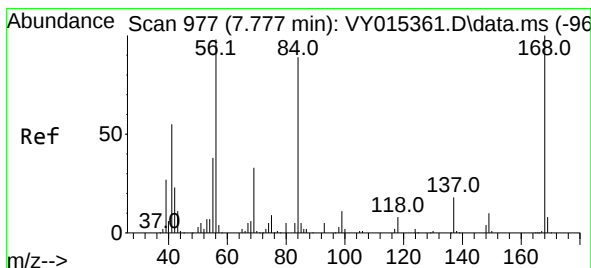
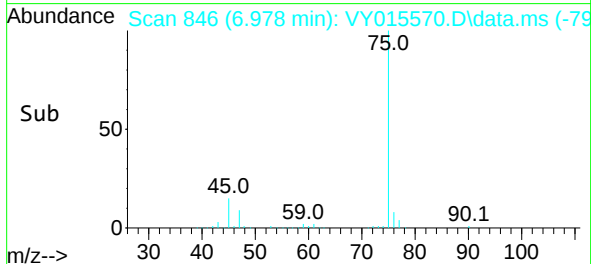
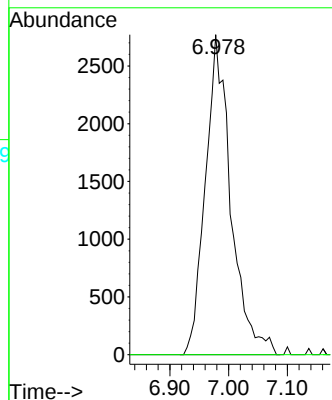
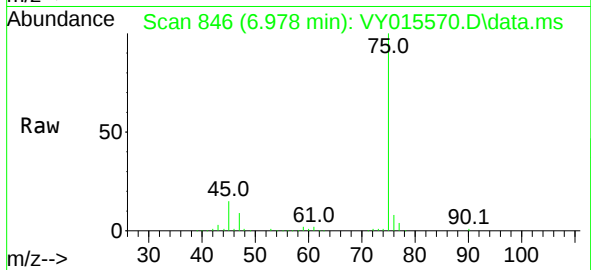




#26
2,2-Dichloropropane
Concen: 1.643 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY015570.D
Acq: 15 Sep 2023 15:28

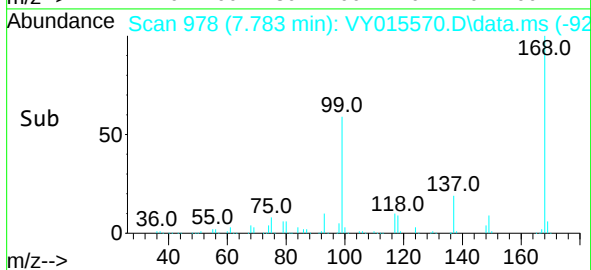
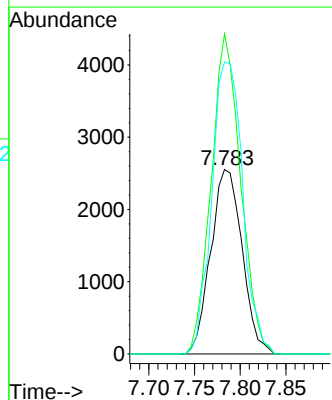
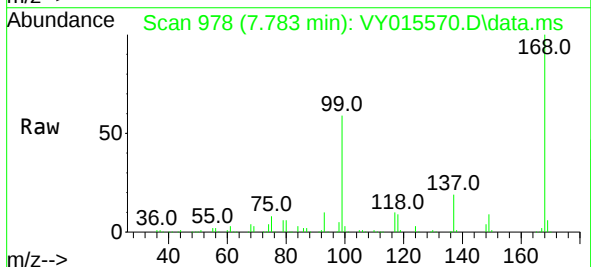
Instrument :
MSVOA_Y
ClientSampleId :

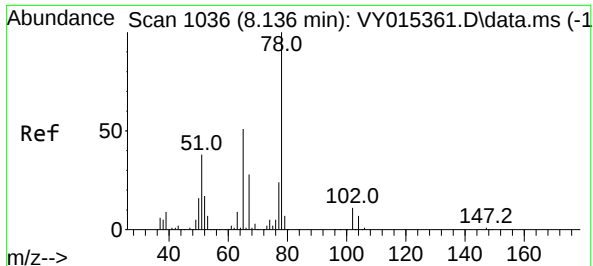
Tgt Ion: 77 Resp: 8375
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: 1.067 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY015570.D
Acq: 15 Sep 2023 15:28

Tgt Ion: 56 Resp: 6093
Ion Ratio Lower Upper
56 100
69 173.4 27.8 41.6#
84 158.2 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 58.921 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015570.D

Acq: 15 Sep 2023 15:28

Instrument :

MSVOA_Y

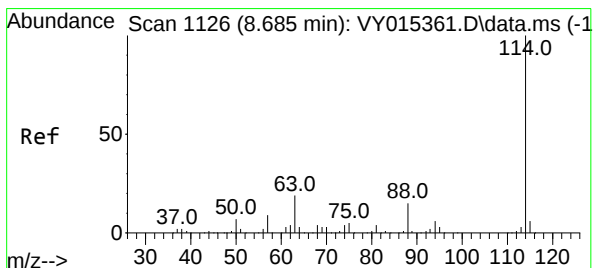
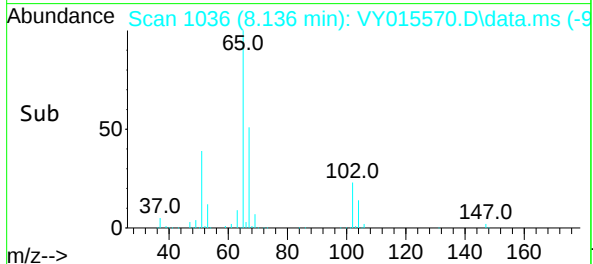
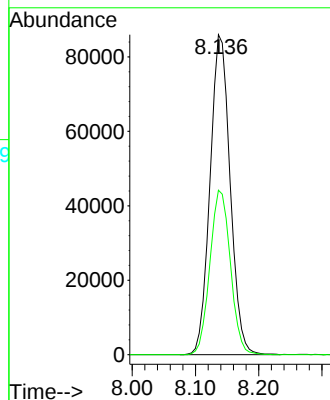
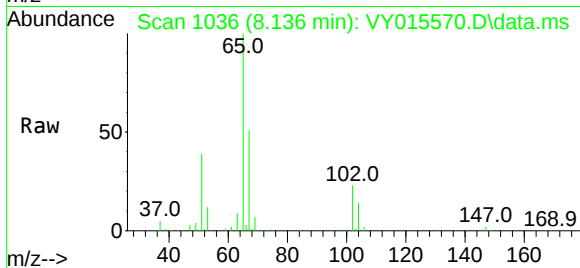
ClientSampleId :

Tgt Ion: 65 Resp: 189389

Ion Ratio Lower Upper

65 100

67 52.4 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: VY015570.D

Acq: 15 Sep 2023 15:28

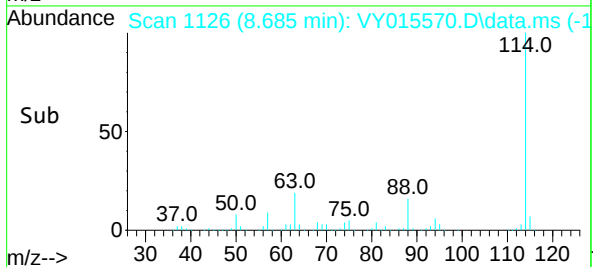
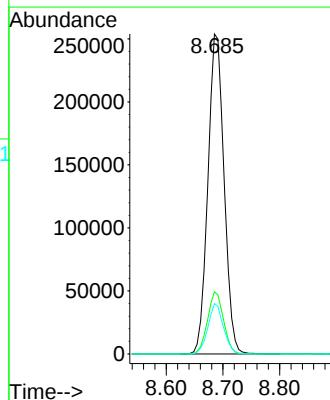
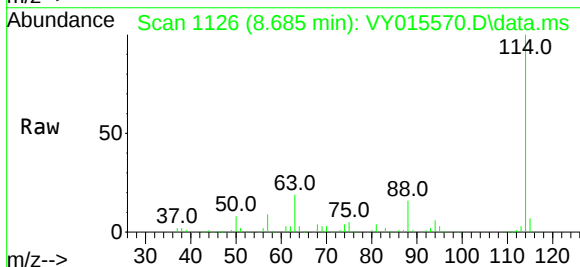
Tgt Ion: 114 Resp: 502684

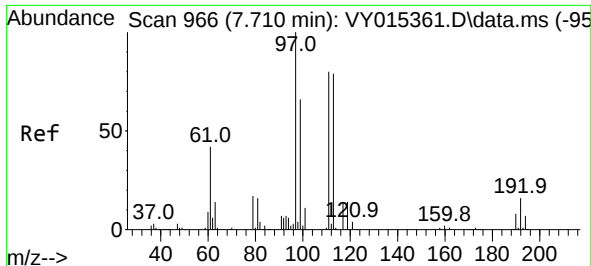
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

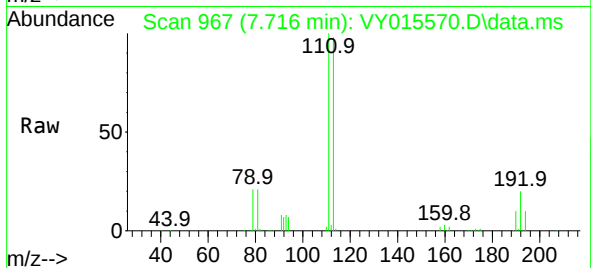
88 15.7 0.0 30.6



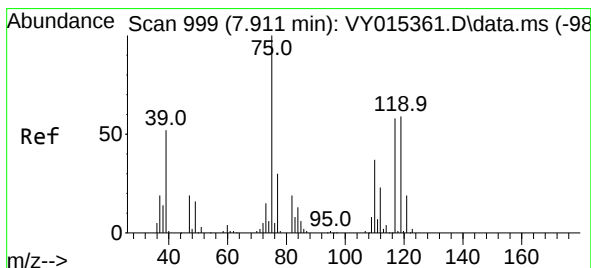
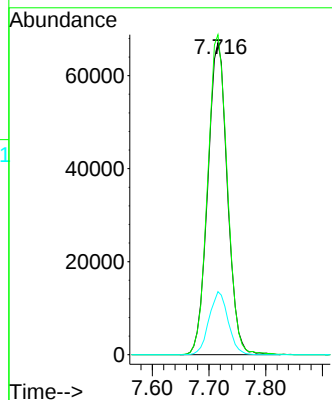
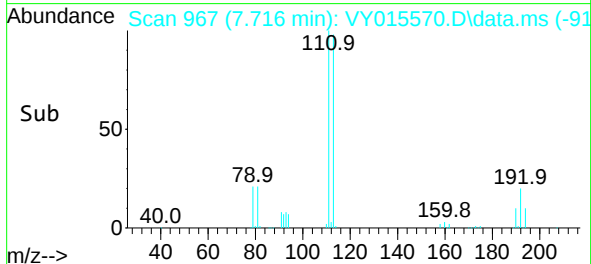


#35
Dibromofluoromethane
Concen: 55.698 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY015570.D
Acq: 15 Sep 2023 15:28

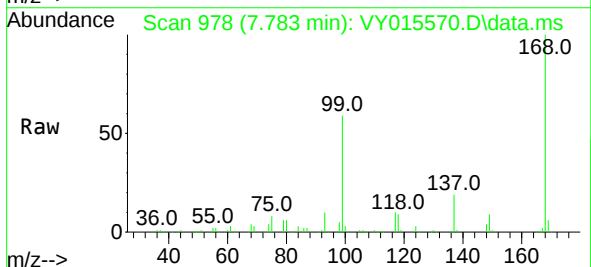
Instrument :
MSVOA_Y
ClientSampleId :



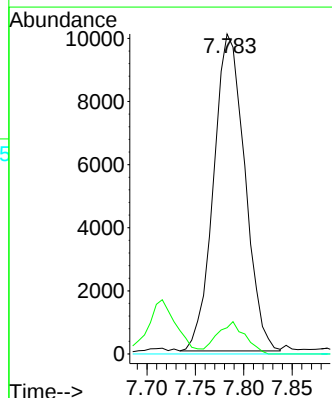
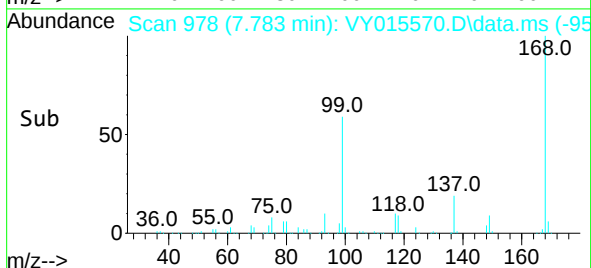
Tgt Ion:113 Resp: 161266
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.5 16.9 25.3

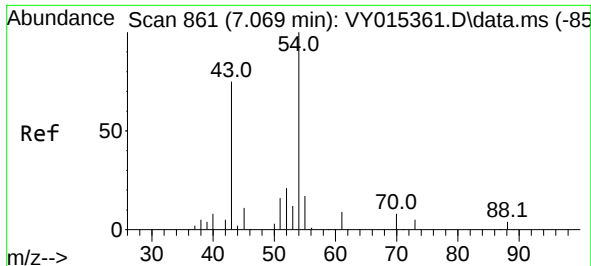


#36
1,1-Dichloropropene
Concen: 4.442 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015570.D
Acq: 15 Sep 2023 15:28



Tgt Ion: 75 Resp: 22581
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.041 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.079 min

Lab File: VY015570.D

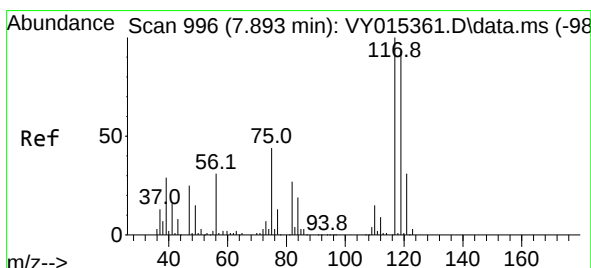
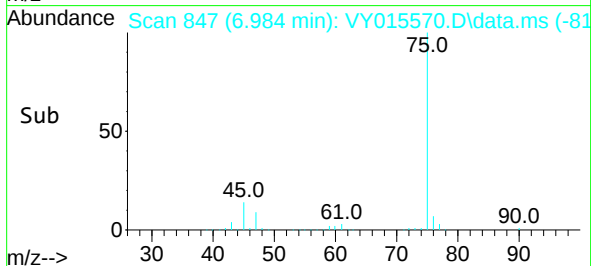
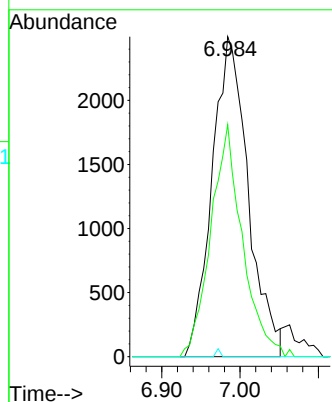
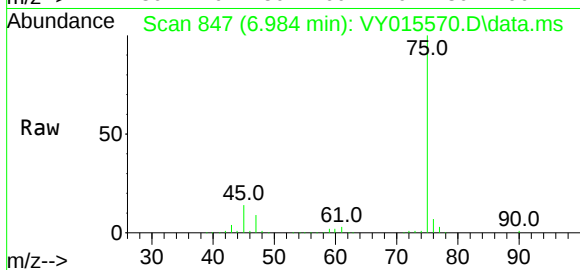
Acq: 15 Sep 2023 15:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp:	8001
Ion	Ratio	Lower Upper
43	100	
61	63.7	10.1 15.1#
70	0.3	7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.536 ug/l

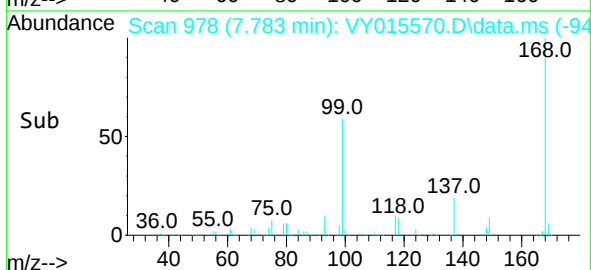
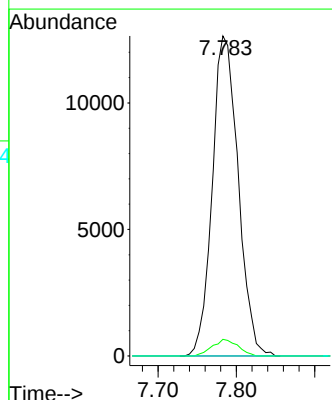
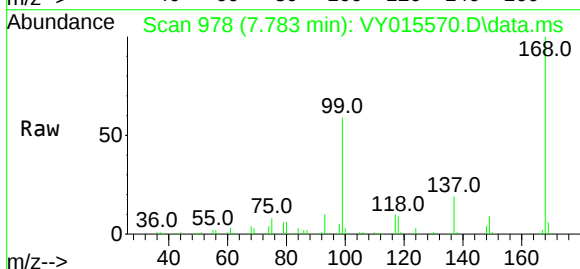
RT: 7.783 min Scan# 978

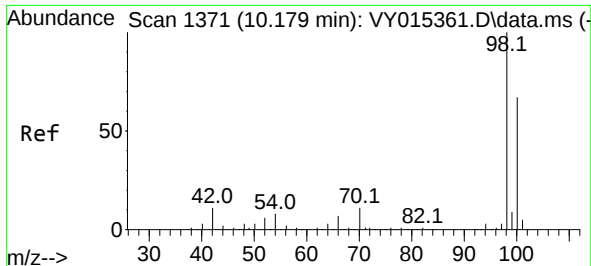
Delta R.T. -0.110 min

Lab File: VY015570.D

Acq: 15 Sep 2023 15:28

Tgt Ion: 117	Resp:	29068
Ion	Ratio	Lower Upper
117	100	
119	5.2	76.4 114.6#
121	0.0	25.8 38.6#

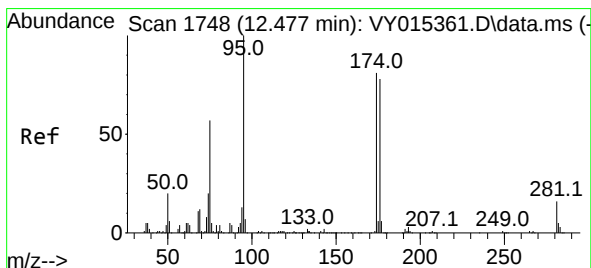
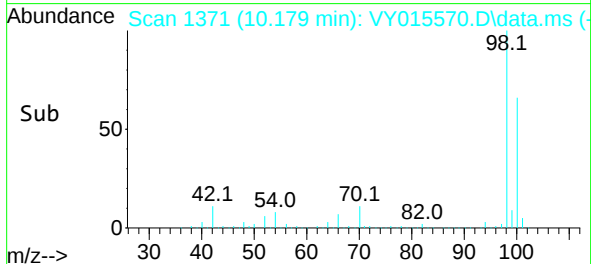
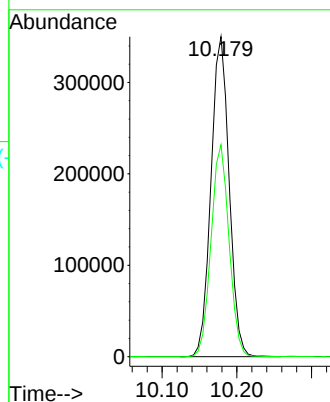
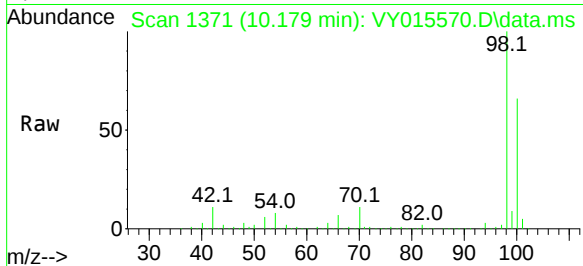




#50
Toluene-d8
Concen: 56.476 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015570.D
Acq: 15 Sep 2023 15:28

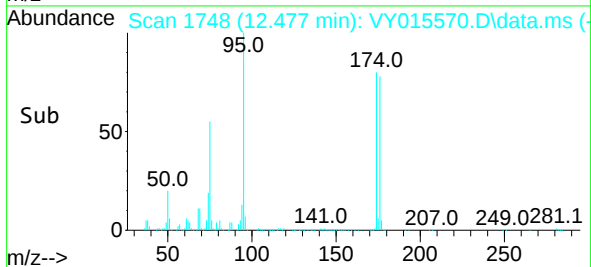
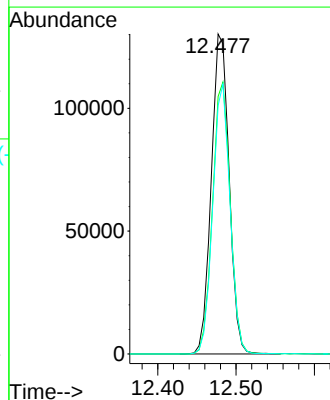
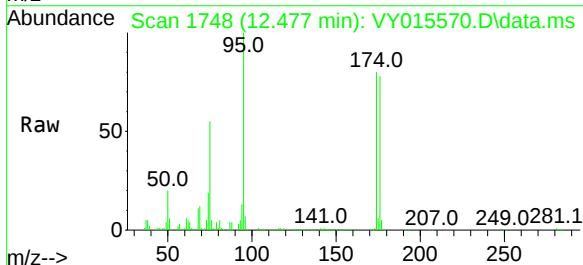
Instrument :
MSVOA_Y
ClientSampleId :

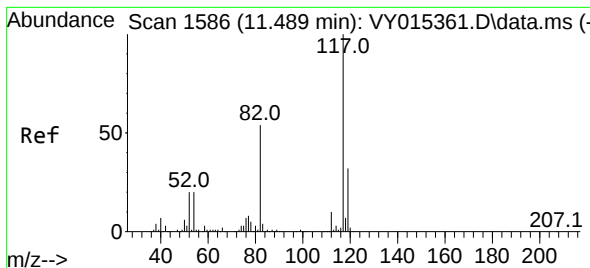
Tgt Ion: 98 Resp: 592160
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.850 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015570.D
Acq: 15 Sep 2023 15:28

Tgt Ion: 95 Resp: 205717
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 82.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

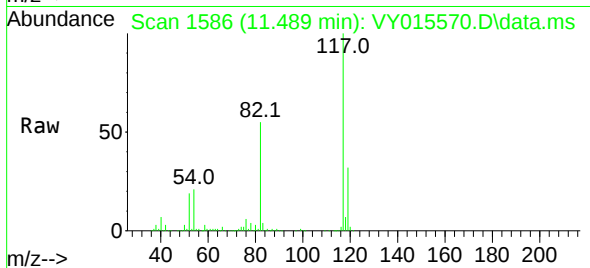
Lab File: VY015570.D

Acq: 15 Sep 2023 15:28

Instrument :

MSVOA_Y

ClientSampleId :



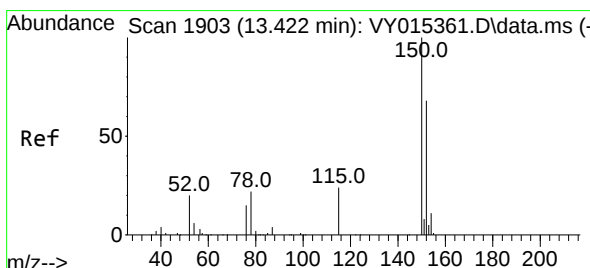
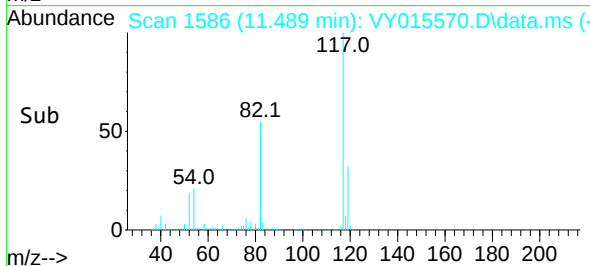
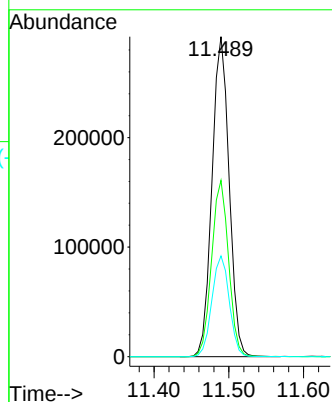
Tgt Ion:117 Resp: 465302

Ion Ratio Lower Upper

117 100

82 55.1 43.4 65.0

119 31.5 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: VY015570.D

Acq: 15 Sep 2023 15:28

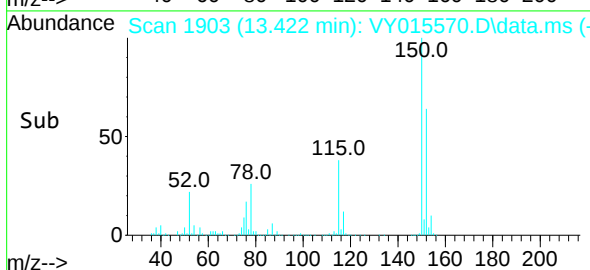
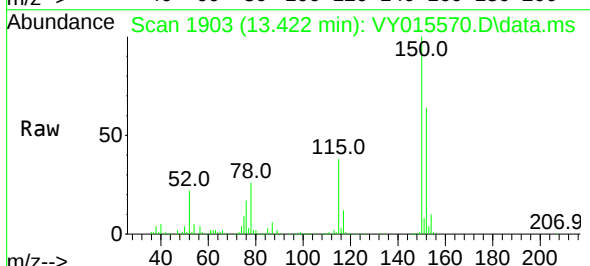
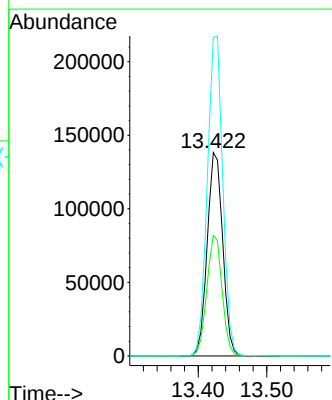
Tgt Ion:152 Resp: 217844

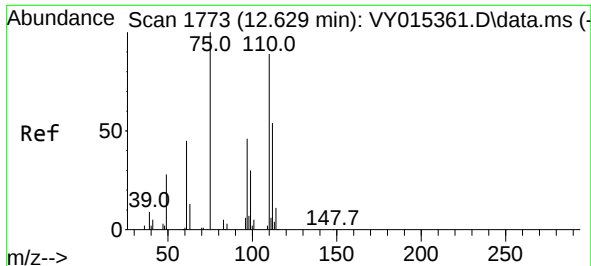
Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 156.9 0.0 348.8

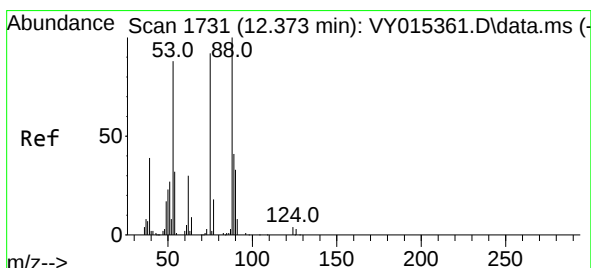
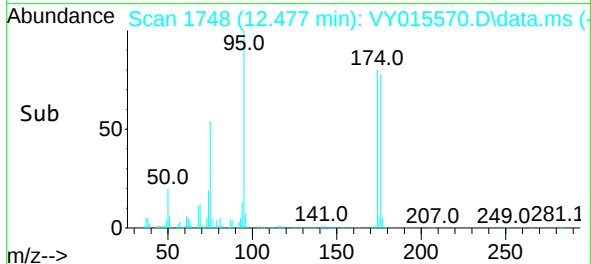
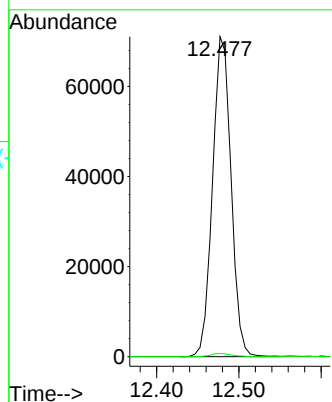
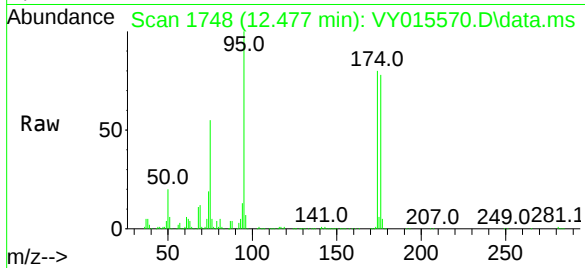




#76
1,2,3-Trichloropropane
Concen: 38.449 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY015570.D
Acq: 15 Sep 2023 15:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 111073
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.814 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY015570.D
Acq: 15 Sep 2023 15:28

Tgt Ion: 75 Resp: 111073
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

