

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015569.D
 Acq On : 15 Sep 2023 15:04
 Operator : SY/MD
 Sample : 04401-01
 Misc : 4.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 15:38:43 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)

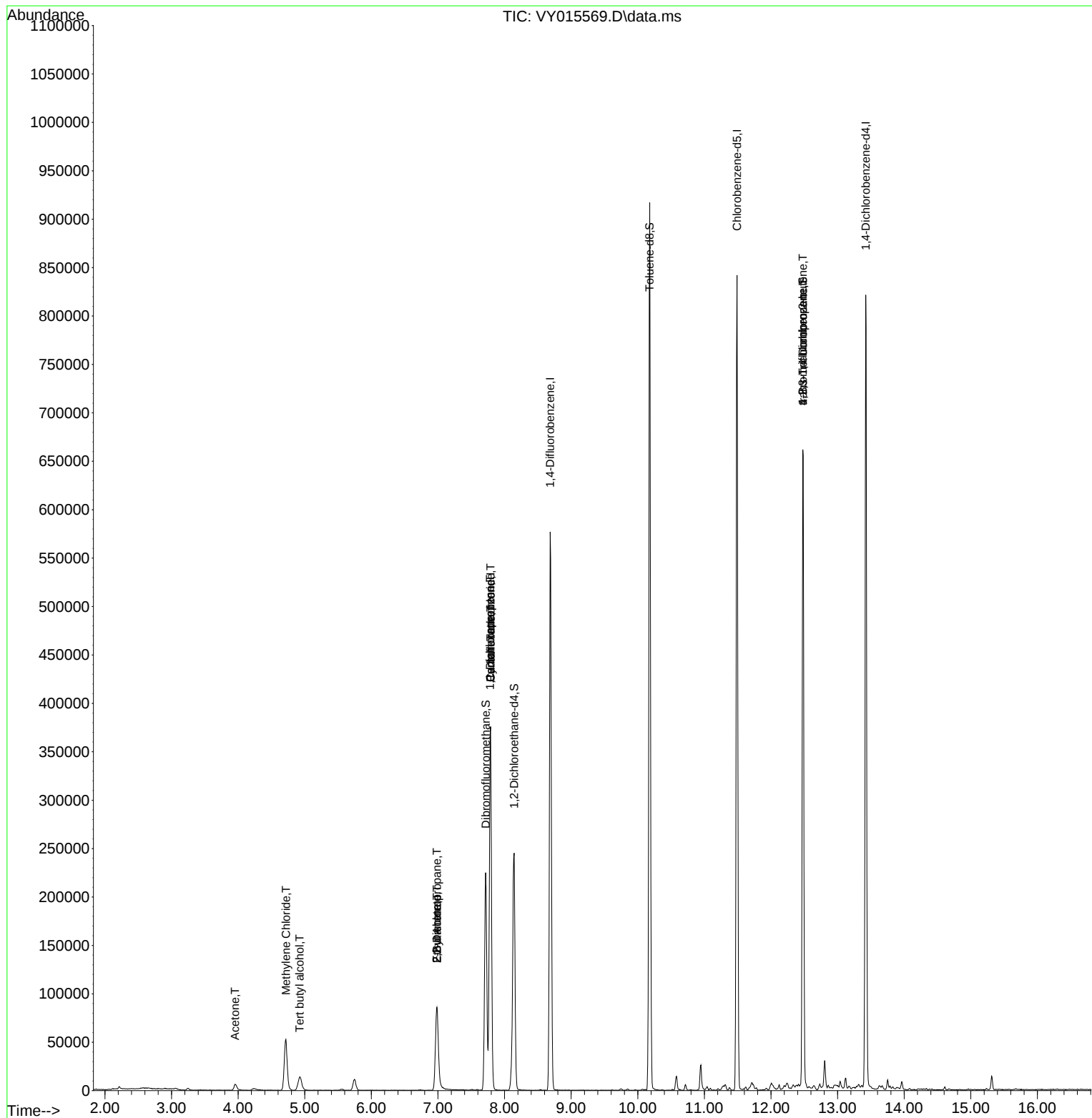
Internal Standards						
1) Pentafluorobenzene	7.789	168	294865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	494960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	453665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	210289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	187998	59.476	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 118.960%		
35) Dibromofluoromethane	7.716	113	155727	54.624	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 109.240%		
50) Toluene-d8	10.179	98	581637	56.338	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 112.680%		
62) 4-Bromofluorobenzene	12.477	95	201488	52.571	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 105.140%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	14604	4.450	ug/l #	91
16) Acetone	3.954	43	12189	9.239	ug/l	92
20) Methylene Chloride	4.716	84	40489	3.855	ug/l	88
25) 2-Butanone	6.984	43	5087	2.718	ug/l #	75
26) 2,2-Dichloropropane	6.984	77	7112	1.419	ug/l #	54
31) Cyclohexane	7.789	56	6256	1.114	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	23493	4.693	ug/l #	50
37) Ethyl Acetate	6.984	43	5087	1.318	ug/l #	1
38) Carbon Tetrachloride	7.789	117	29355	5.678	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	108011	38.732	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	108011	85.439	ug/l #	11

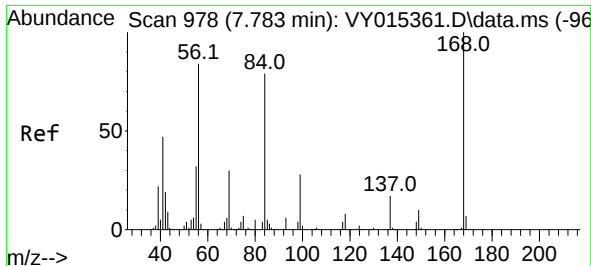
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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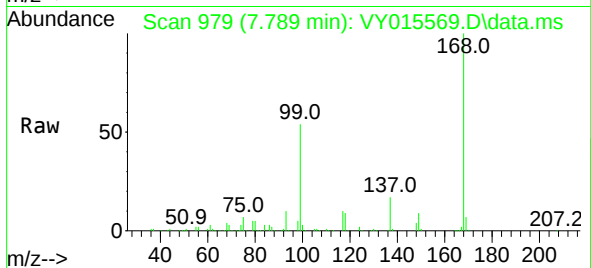
Quant Time: Sep 15 15:38:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



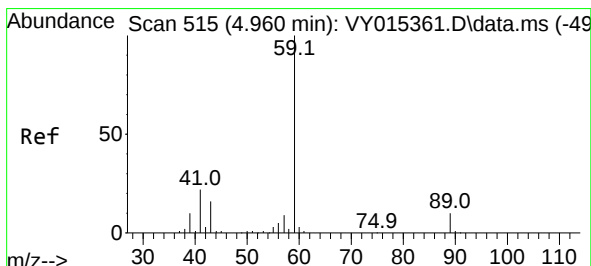
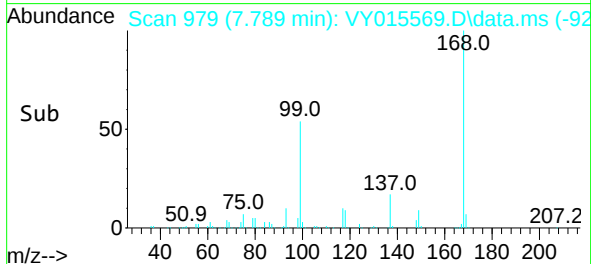
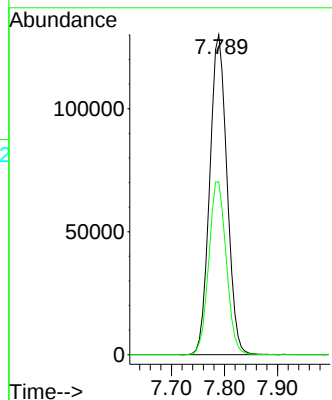


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015569.D
Acq: 15 Sep 2023 15:04

Instrument :
MSVOA_Y
ClientSampleId :

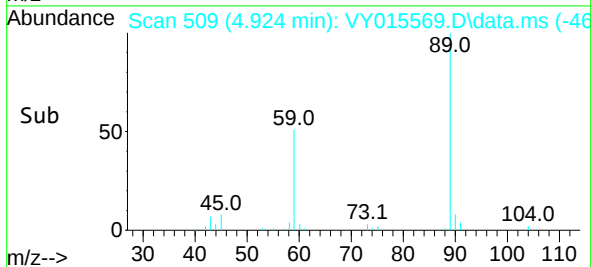
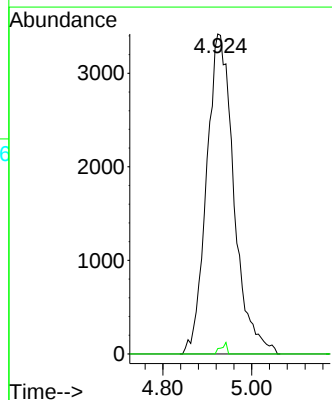
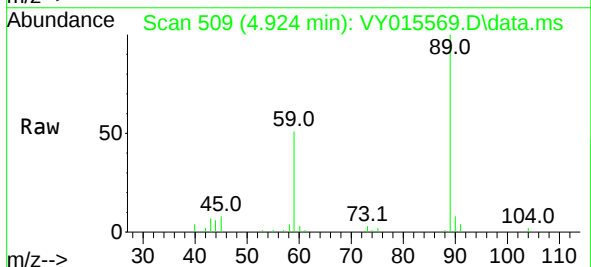


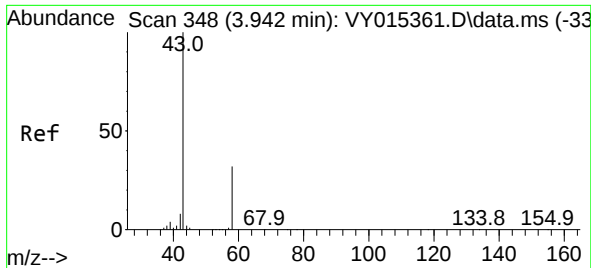
Tgt Ion:168 Resp: 294865
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#11
Tert butyl alcohol
Concen: 4.450 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY015569.D
Acq: 15 Sep 2023 15:04

Tgt Ion: 59 Resp: 14604
Ion Ratio Lower Upper
59 100
57 0.8 3.0 4.4#





#16

Acetone

Concen: 9.239 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY015569.D

Acq: 15 Sep 2023 15:04

Instrument :

MSVOA_Y

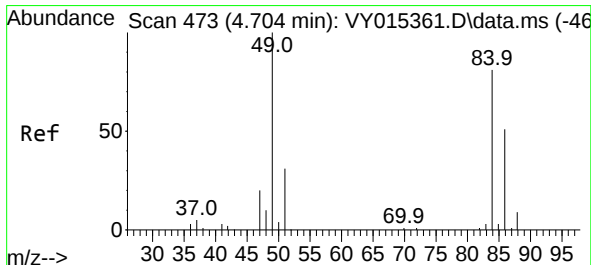
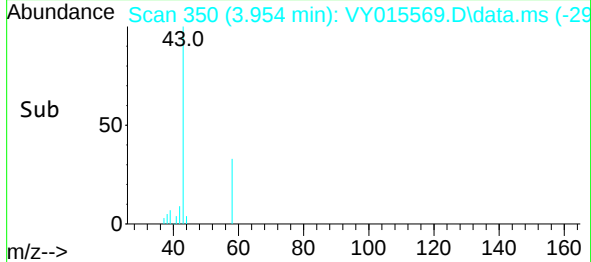
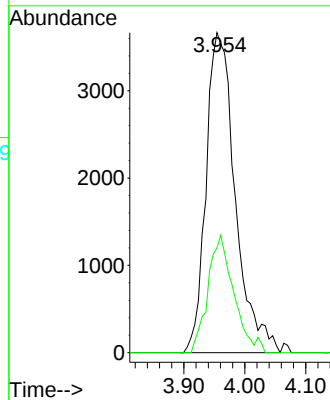
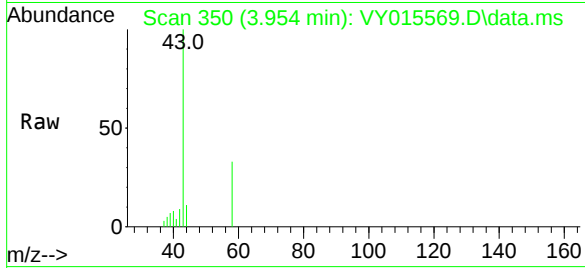
ClientSampleId :

Tgt Ion: 43 Resp: 12189

Ion Ratio Lower Upper

43 100

58 32.8 22.7 34.1



#20

Methylene Chloride

Concen: 3.855 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY015569.D

Acq: 15 Sep 2023 15:04

Tgt Ion: 84 Resp: 40489

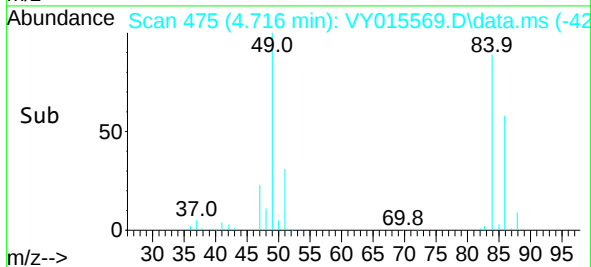
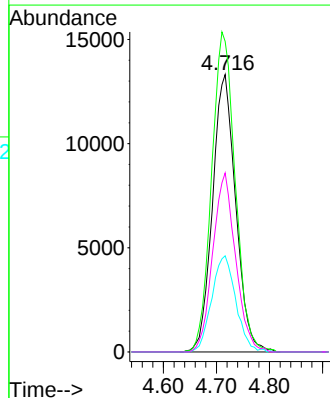
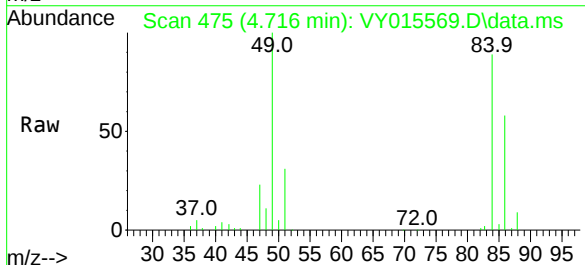
Ion Ratio Lower Upper

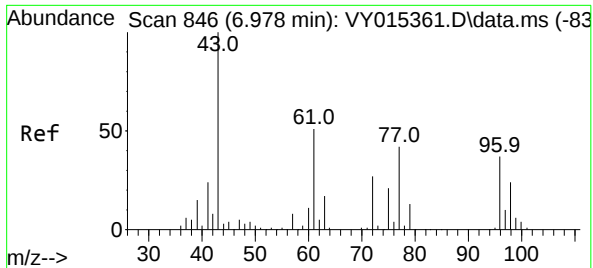
84 100

49 111.9 106.9 160.3

51 34.6 33.2 49.8

86 64.5 51.0 76.6





#25

2-Butanone

Concen: 2.718 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015569.D

Acq: 15 Sep 2023 15:04

Instrument :

MSVOA_Y

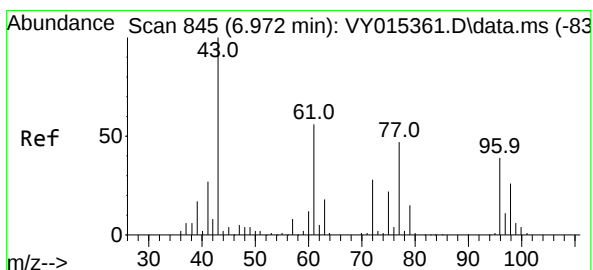
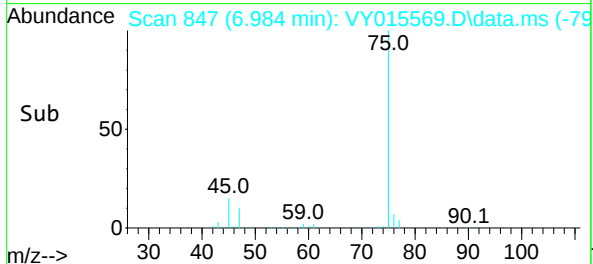
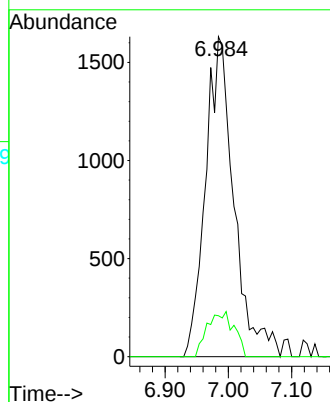
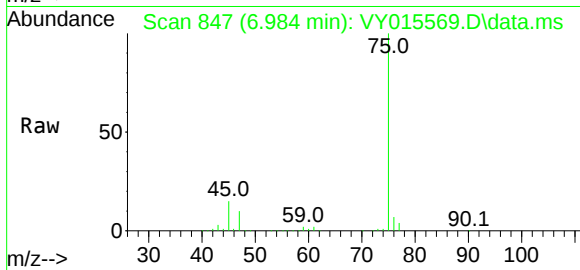
ClientSampleId :

Tgt Ion: 43 Resp: 5087

Ion Ratio Lower Upper

43 100

72 12.8 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.419 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY015569.D

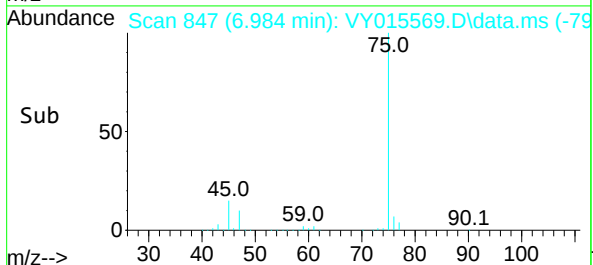
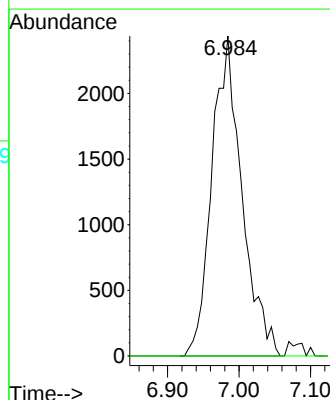
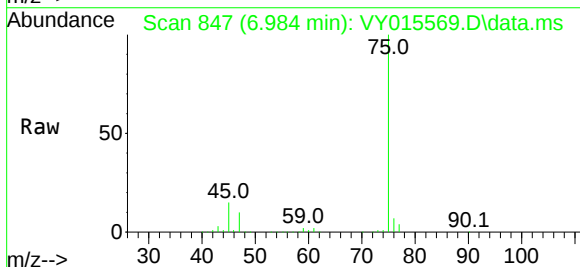
Acq: 15 Sep 2023 15:04

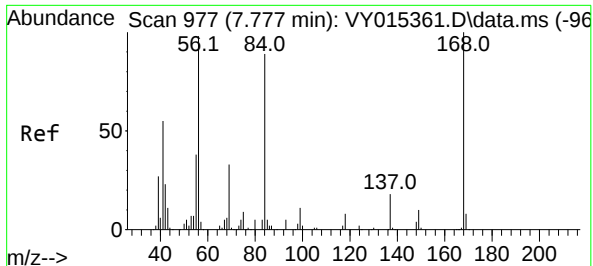
Tgt Ion: 77 Resp: 7112

Ion Ratio Lower Upper

77 100

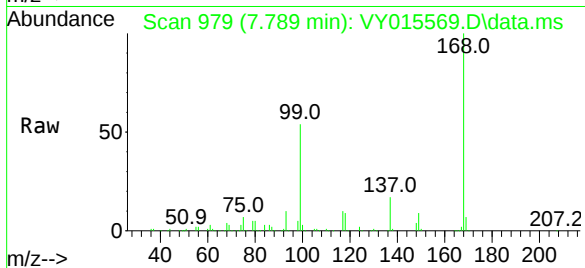
97 0.0 10.9 32.9#



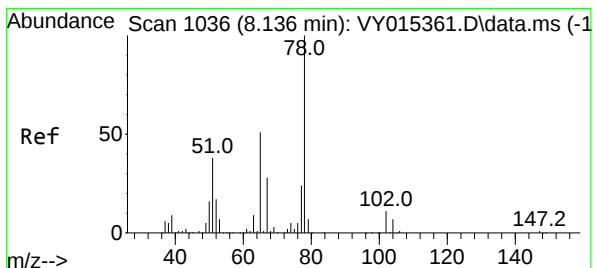
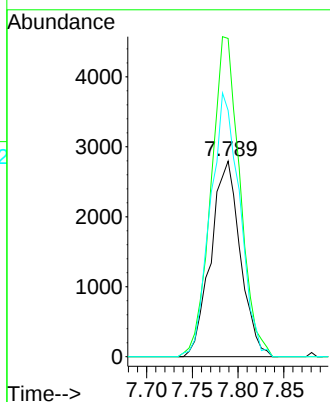
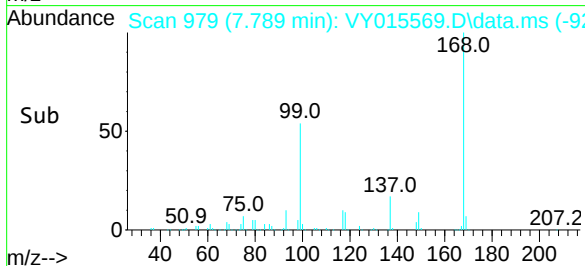


#31
Cyclohexane
Concen: 1.114 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015569.D
Acq: 15 Sep 2023 15:04

Instrument :
MSVOA_Y
ClientSampleId :

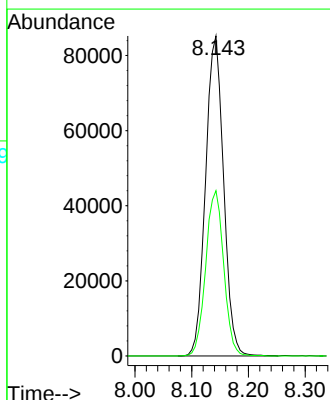
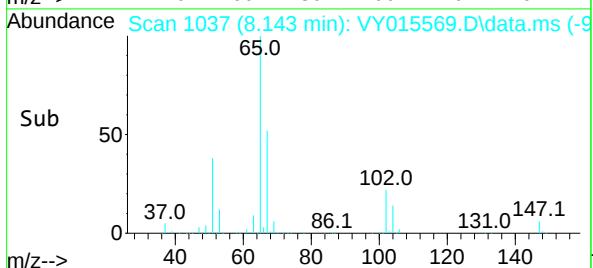
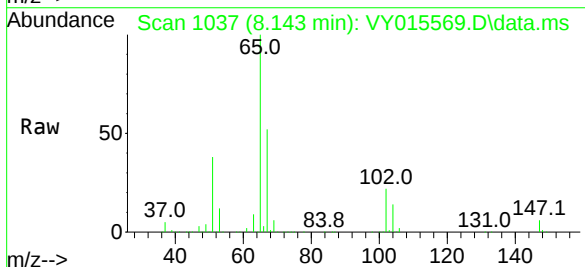


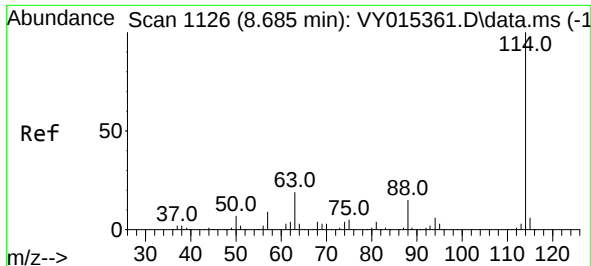
Tgt Ion: 56 Resp: 6256
Ion Ratio Lower Upper
56 100
69 162.7 27.8 41.6#
84 125.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 59.476 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015569.D
Acq: 15 Sep 2023 15:04

Tgt Ion: 65 Resp: 187998
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.8

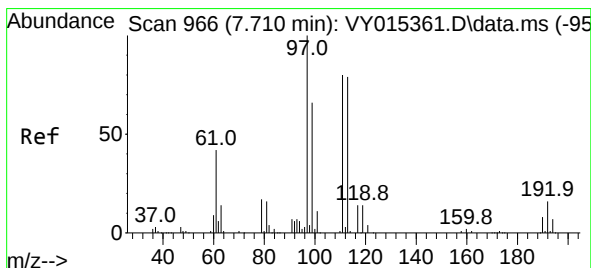
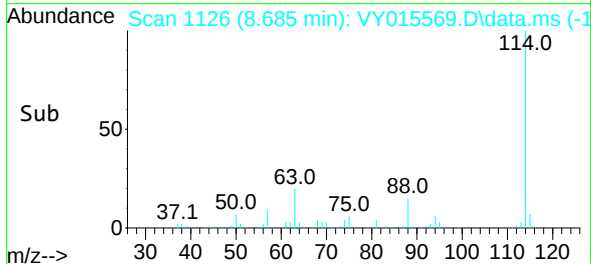
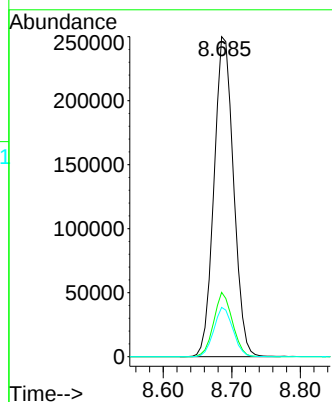
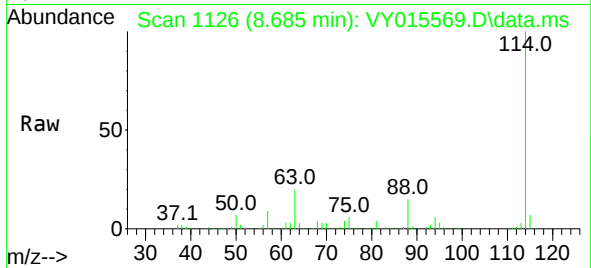




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015569.D
Acq: 15 Sep 2023 15:04

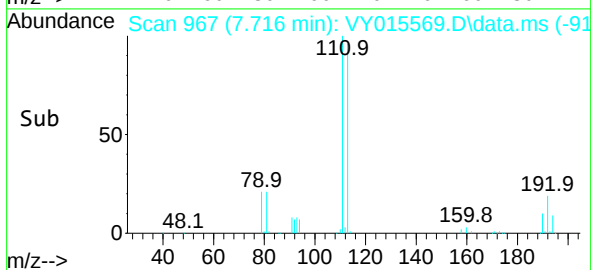
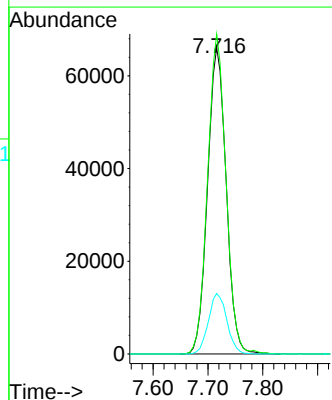
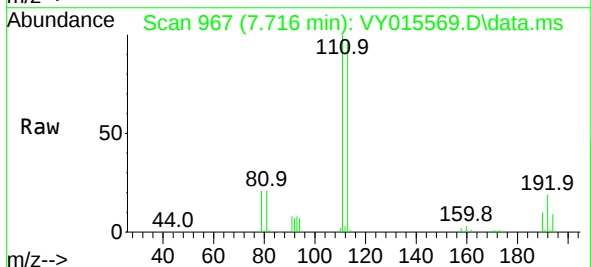
Instrument :
MSVOA_Y
ClientSampleId :

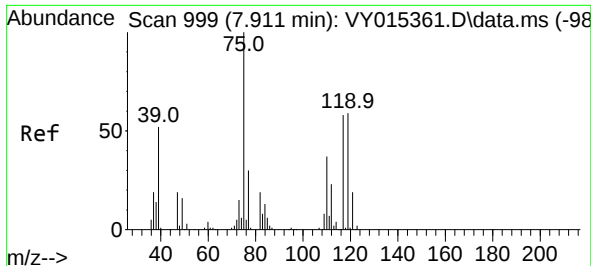
Tgt Ion:114 Resp: 494960
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.624 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015569.D
Acq: 15 Sep 2023 15:04

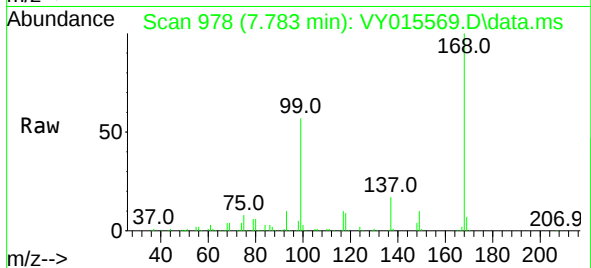
Tgt Ion:113 Resp: 155727
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 19.5 16.9 25.3



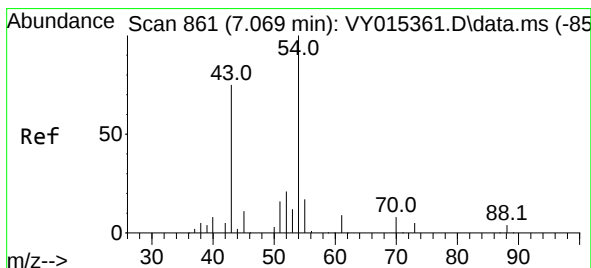
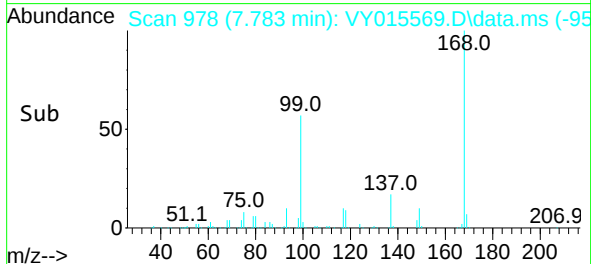
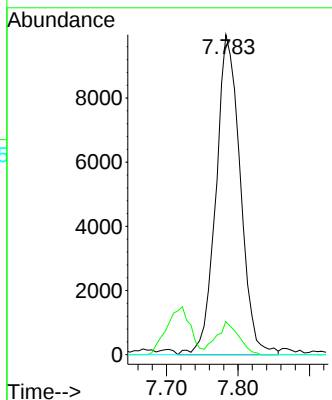


#36
1,1-Dichloropropene
Concen: 4.693 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015569.D
Acq: 15 Sep 2023 15:04

Instrument :
MSVOA_Y
ClientSampleId :

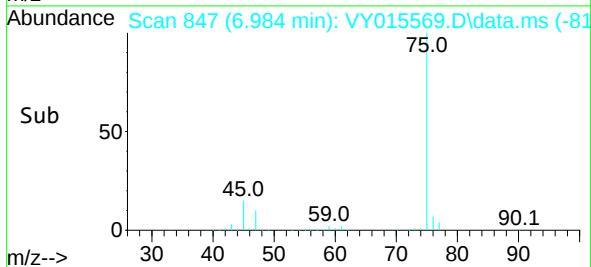
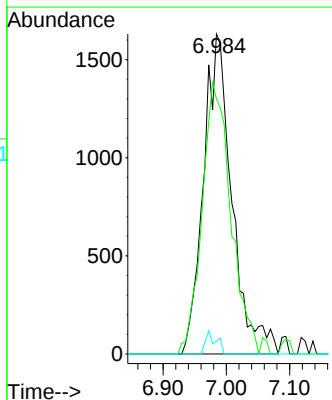
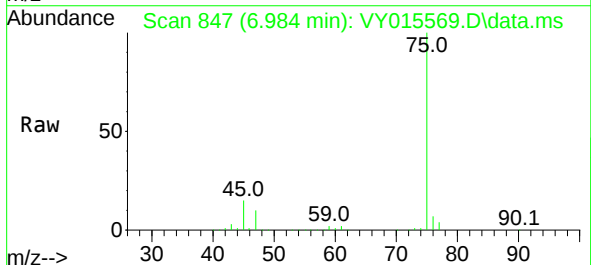


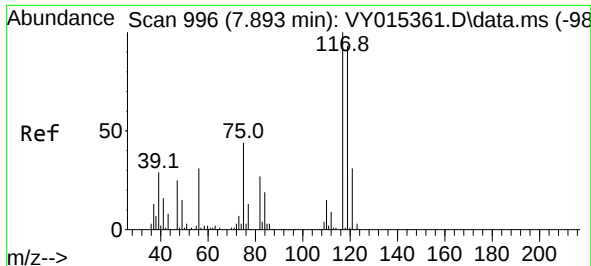
Tgt Ion: 75 Resp: 23493
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.318 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.079 min
Lab File: VY015569.D
Acq: 15 Sep 2023 15:04

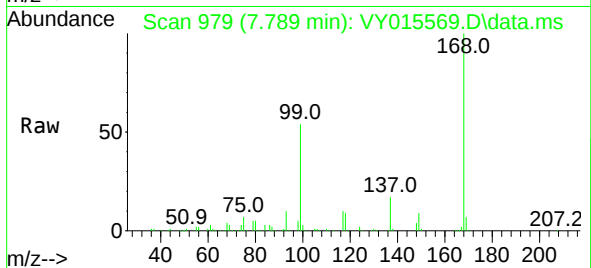
Tgt Ion: 43 Resp: 5087
Ion Ratio Lower Upper
43 100
61 85.9 10.1 15.1#
70 2.7 7.1 10.7#



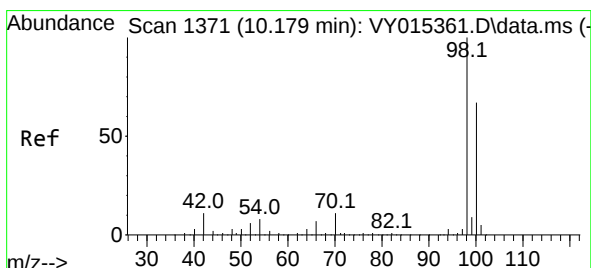
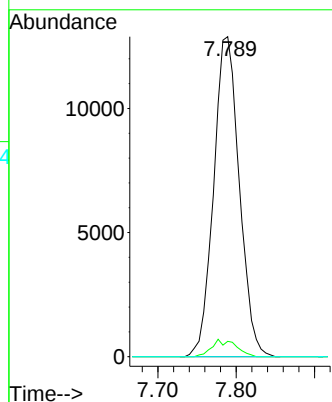
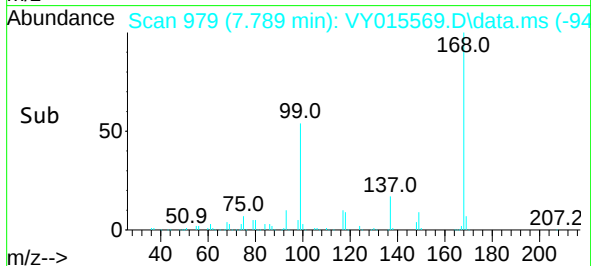


#38
Carbon Tetrachloride
Concen: 5.678 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY015569.D
Acq: 15 Sep 2023 15:04

Instrument :
MSVOA_Y
ClientSampleId :

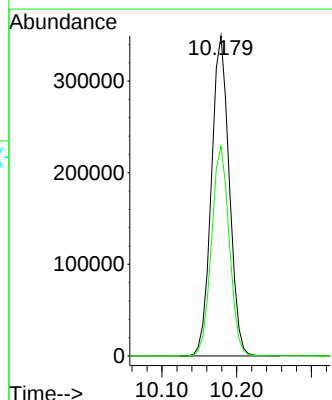
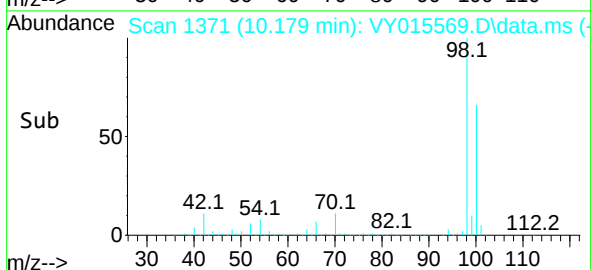
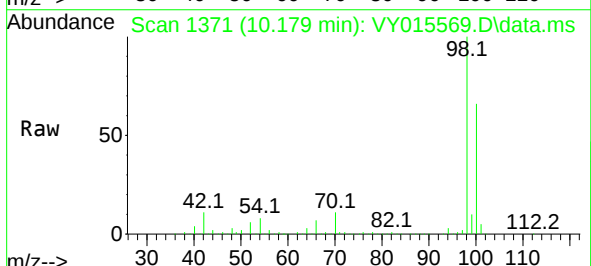


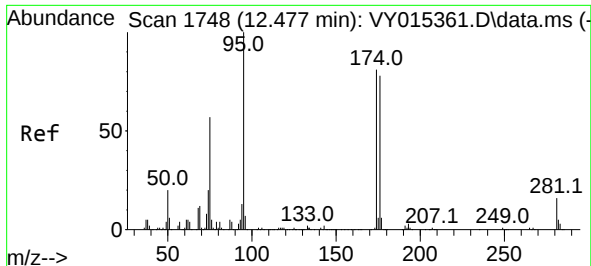
Tgt Ion:117 Resp: 29355
Ion Ratio Lower Upper
117 100
119 4.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.338 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015569.D
Acq: 15 Sep 2023 15:04

Tgt Ion: 98 Resp: 581637
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

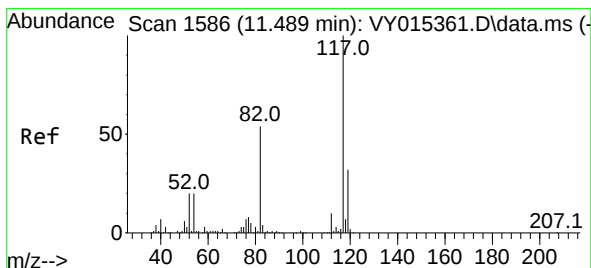
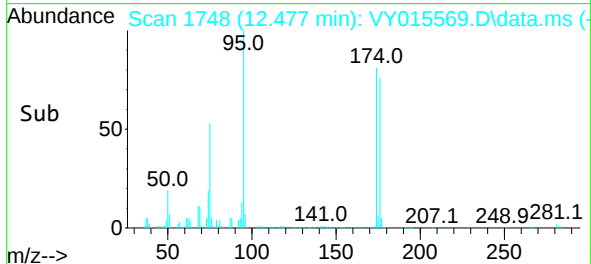
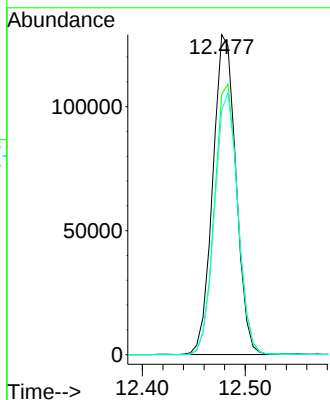
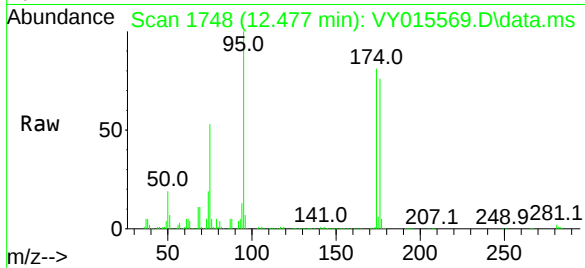




#62
4-Bromofluorobenzene
Concen: 52.571 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015569.D
Acq: 15 Sep 2023 15:04

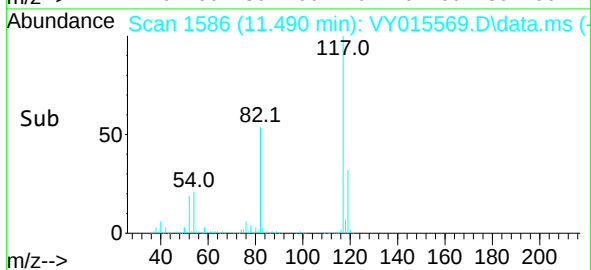
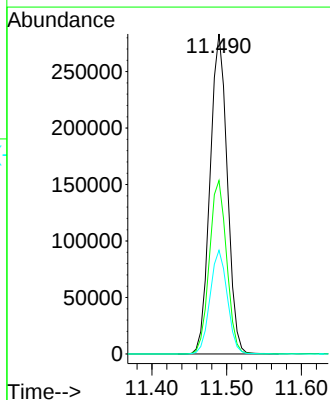
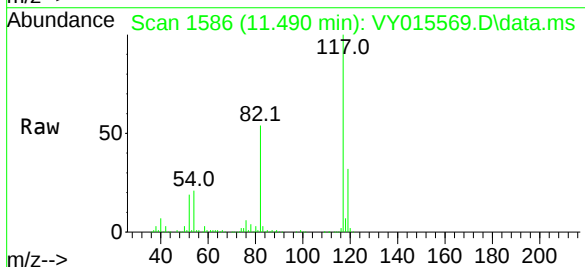
Instrument :
MSVOA_Y
ClientSampleId :

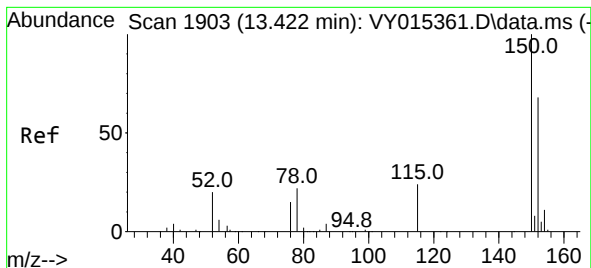
Tgt Ion: 95 Resp: 201488
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015569.D
Acq: 15 Sep 2023 15:04

Tgt Ion: 117 Resp: 453665
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 32.4 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: VY015569.D

Acq: 15 Sep 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

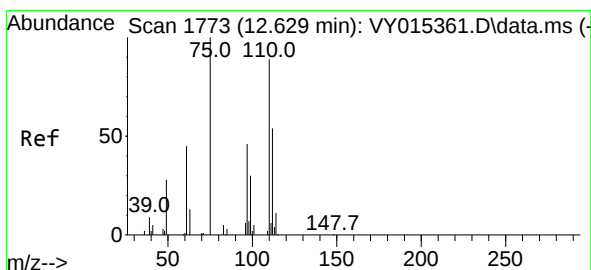
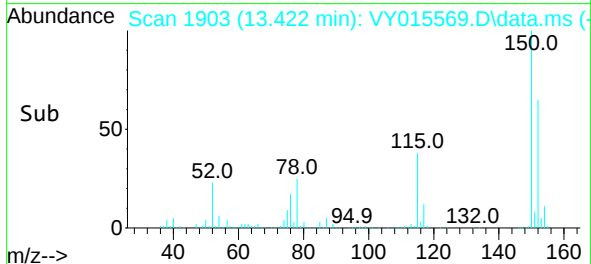
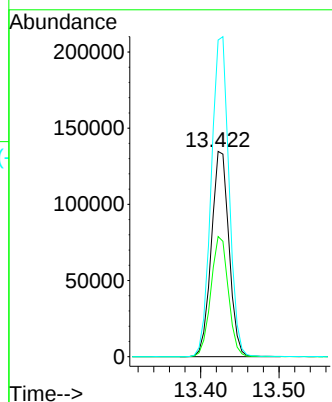
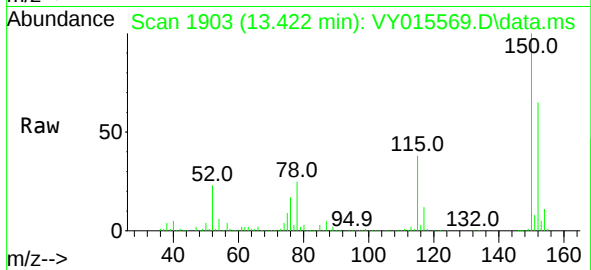
Tgt Ion:152 Resp: 210289

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 157.2 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 38.732 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015569.D

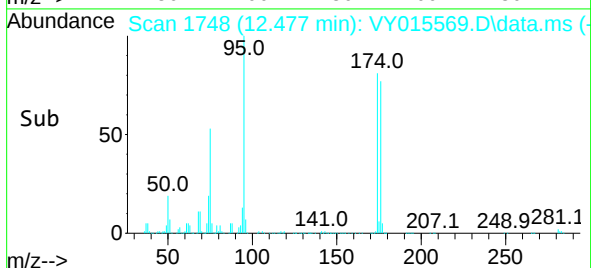
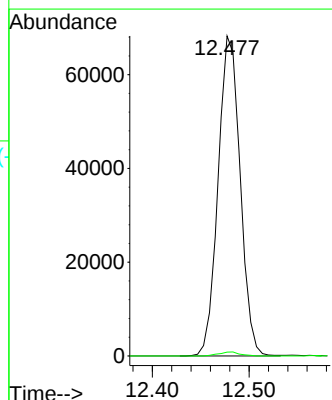
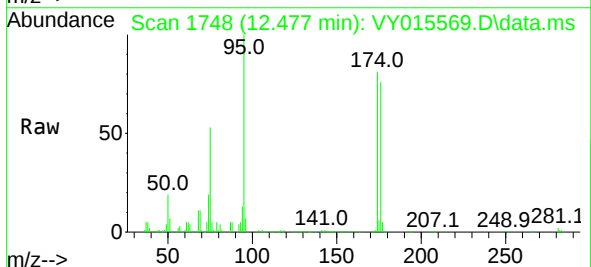
Acq: 15 Sep 2023 15:04

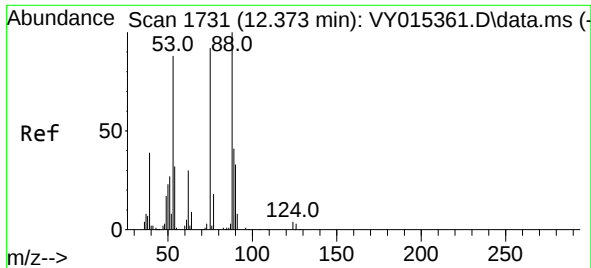
Tgt Ion: 75 Resp: 108011

Ion Ratio Lower Upper

75 100

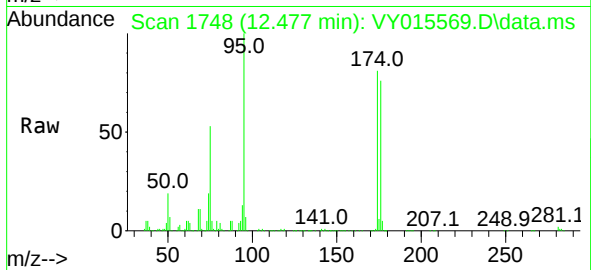
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.439 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015569.D
 Acq: 15 Sep 2023 15:04

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 108011
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

