

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015567.D
 Acq On : 15 Sep 2023 14:17
 Operator : SY/MD
 Sample : 04409-03
 Misc : 6.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 15:38:01 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)

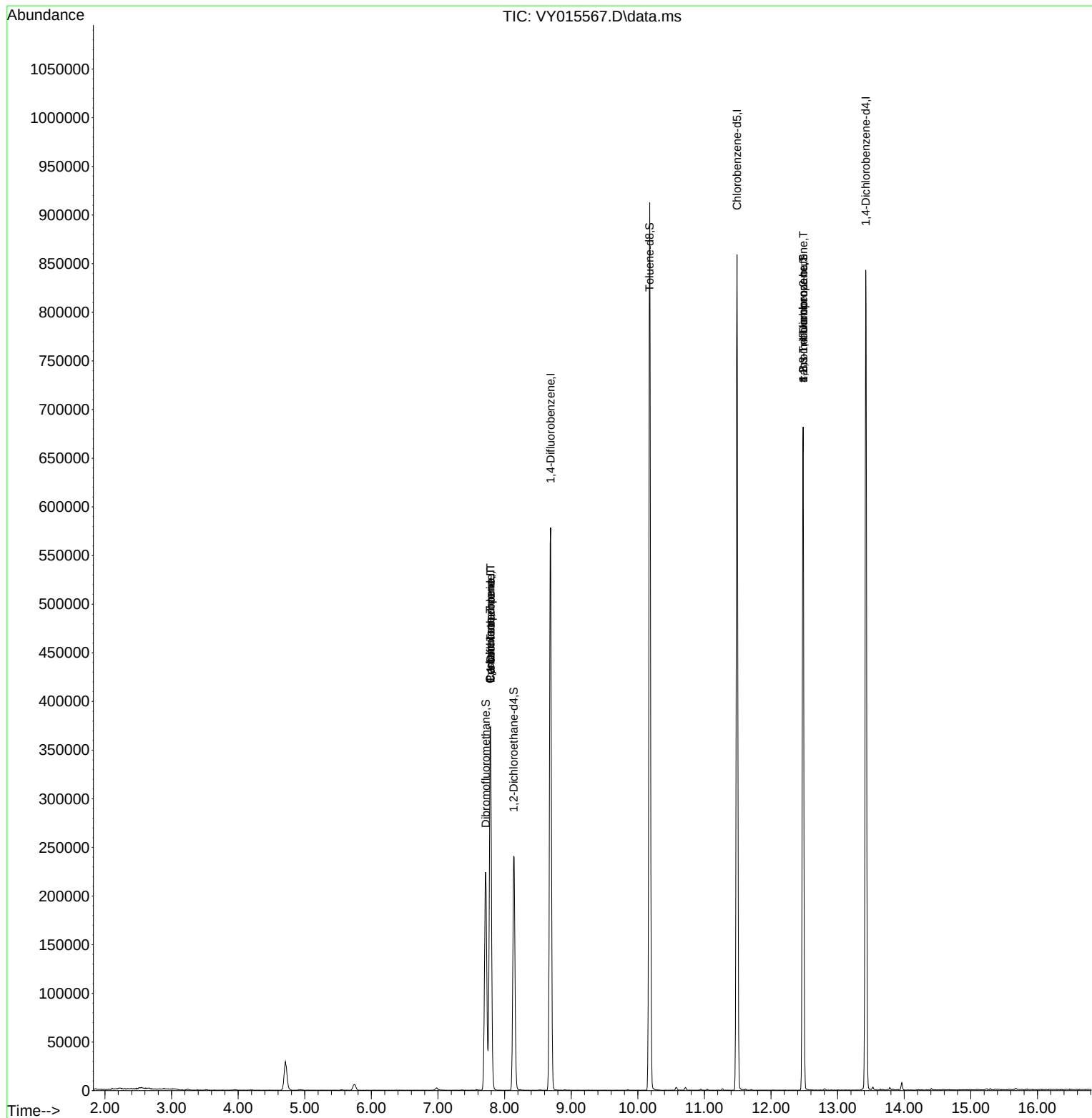
Internal Standards						
1) Pentafluorobenzene	7.789	168	292629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	499520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	461184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	218219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	192845	61.475	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.960%	
35) Dibromofluoromethane	7.716	113	160082	55.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.280%	
50) Toluene-d8	10.179	98	582910	55.946	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.900%	
62) 4-Bromofluorobenzene	12.483	95	204979	52.994	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	163	Below Cal	#	89
20) Methylene Chloride	4.704	84	21689	Below Cal		89
31) Cyclohexane	7.783	56	6209	1.114	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	22191	4.393	ug/l #	50
38) Carbon Tetrachloride	7.789	117	29584	5.670	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	110064	38.034	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	110064	83.899	ug/l #	10

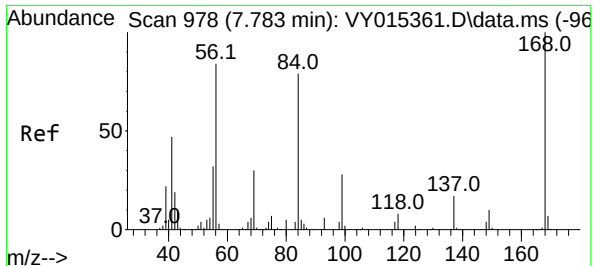
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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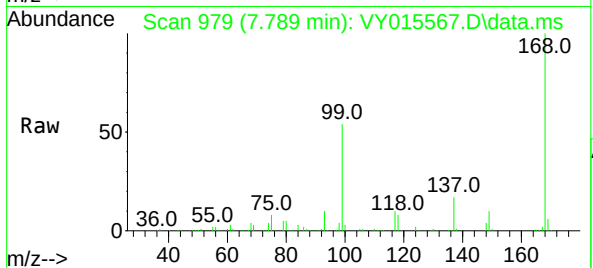
Quant Time: Sep 15 15:38:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
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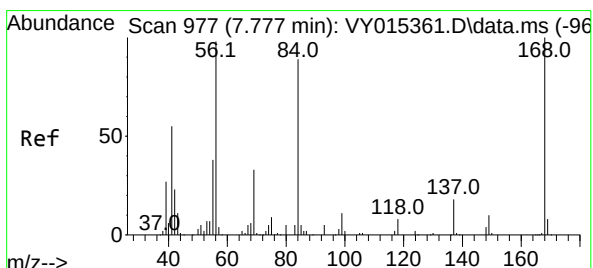
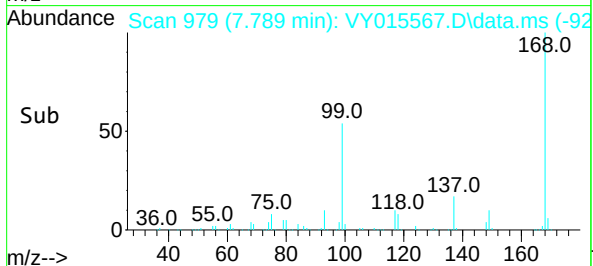
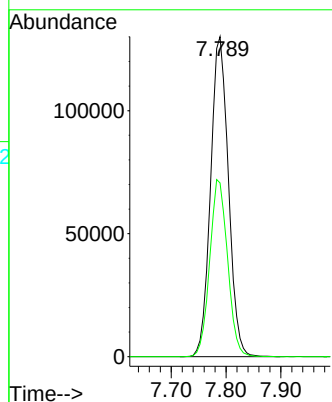


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015567.D
Acq: 15 Sep 2023 14:17

Instrument :
MSVOA_Y
ClientSampleId :

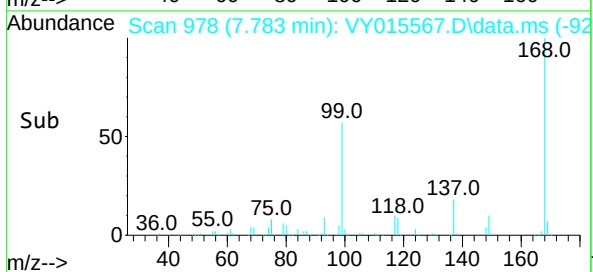
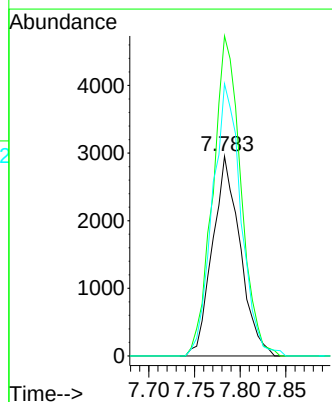
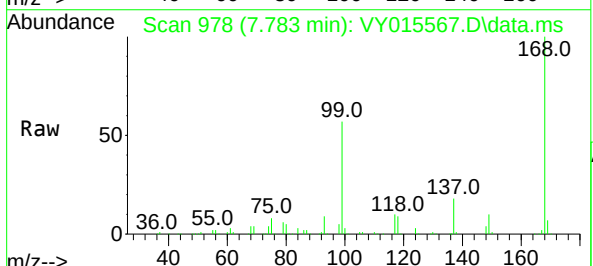


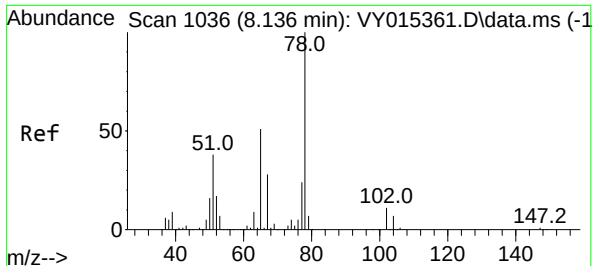
Tgt Ion:168 Resp: 292629
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#31
Cyclohexane
Concen: 1.114 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY015567.D
Acq: 15 Sep 2023 14:17

Tgt Ion: 56 Resp: 6209
Ion Ratio Lower Upper
56 100
69 160.2 27.8 41.6#
84 136.3 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 61.475 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015567.D

Acq: 15 Sep 2023 14:17

Instrument :

MSVOA_Y

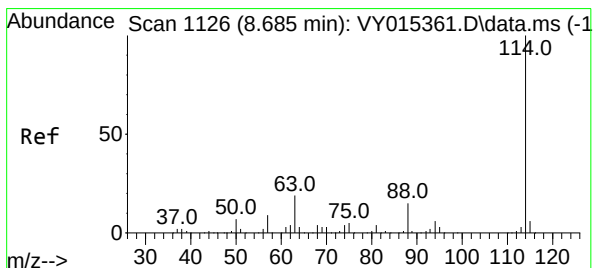
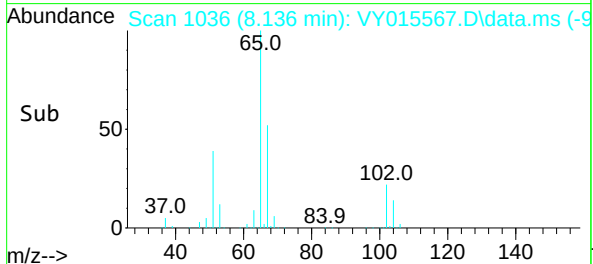
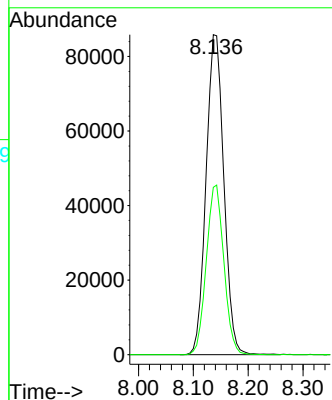
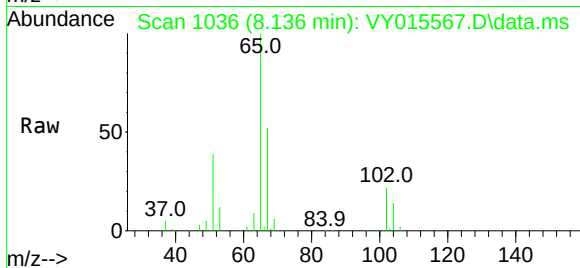
ClientSampleId :

Tgt Ion: 65 Resp: 192845

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015567.D

Acq: 15 Sep 2023 14:17

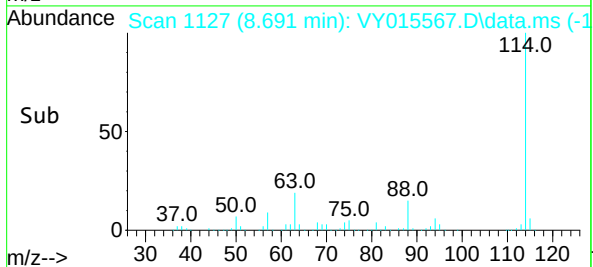
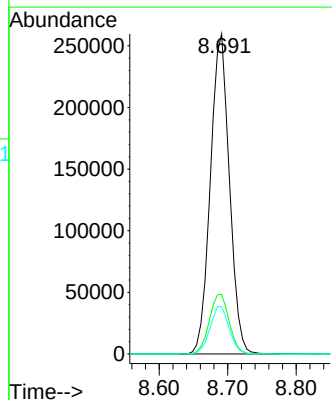
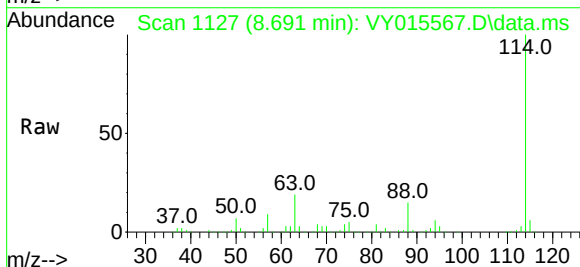
Tgt Ion: 114 Resp: 499520

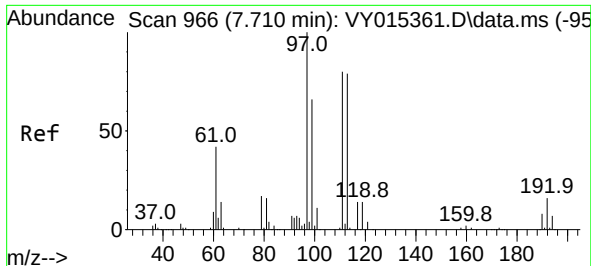
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.639 ug/l

RT: 7.716 min Scan# 91

Delta R.T. 0.000 min

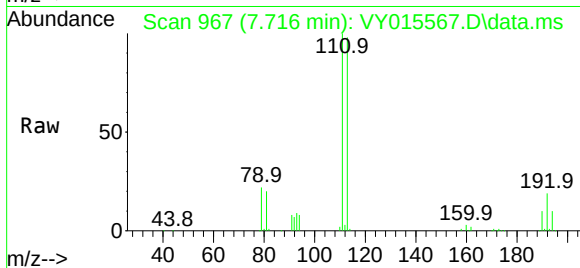
Lab File: VY015567.D

Acq: 15 Sep 2023 14:17

Instrument :

MSVOA_Y

ClientSampleId :



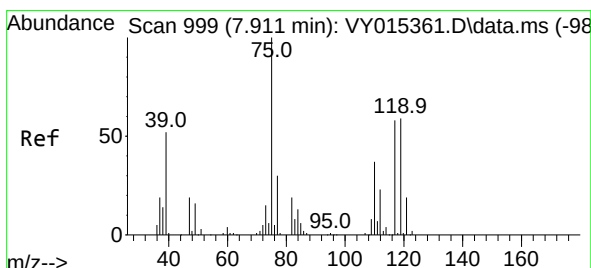
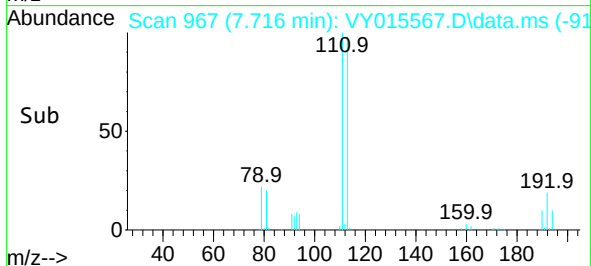
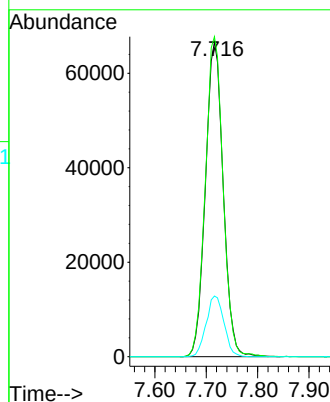
Tgt Ion:113 Resp: 160082

Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 19.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.393 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.122 min

Lab File: VY015567.D

Acq: 15 Sep 2023 14:17

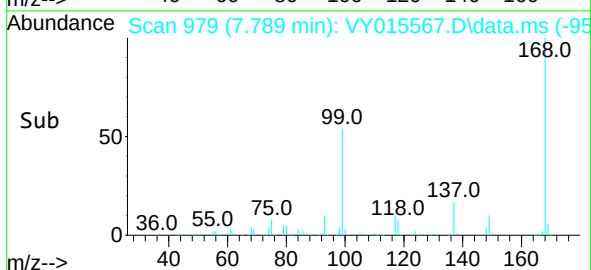
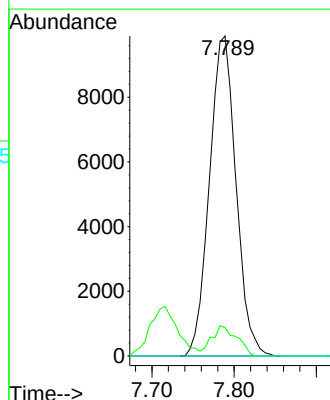
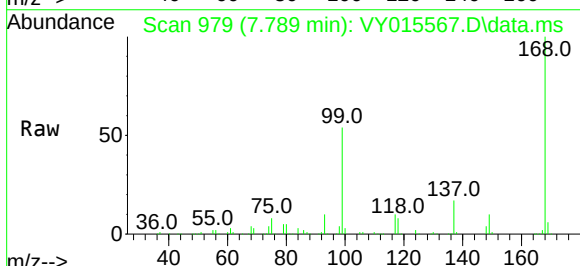
Tgt Ion: 75 Resp: 22191

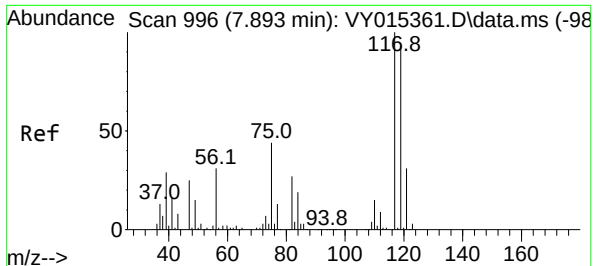
Ion Ratio Lower Upper

75 100

110 8.9 17.8 53.5#

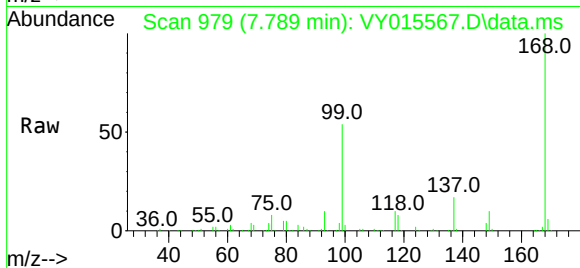
77 0.0 24.4 36.6#



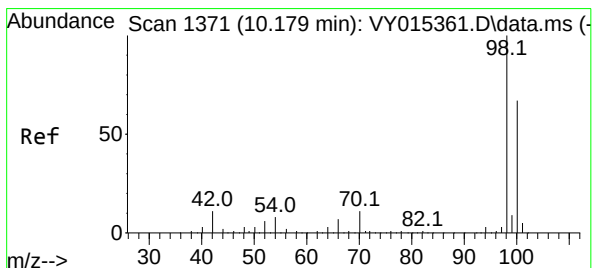
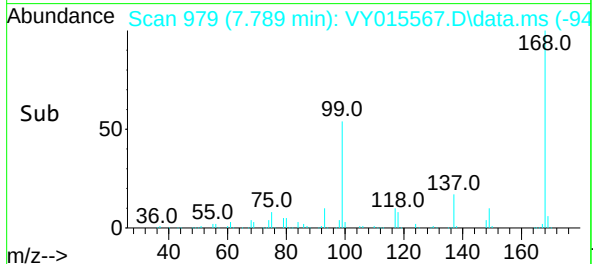
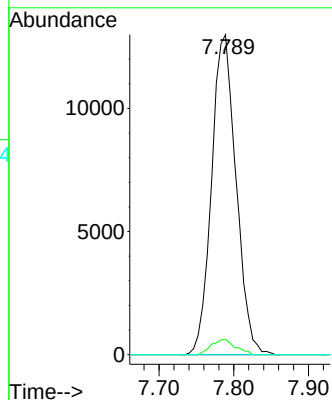


#38
Carbon Tetrachloride
Concen: 5.670 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015567.D
Acq: 15 Sep 2023 14:17

Instrument :
MSVOA_Y
ClientSampleId :

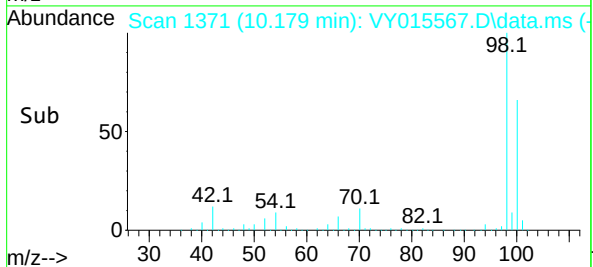
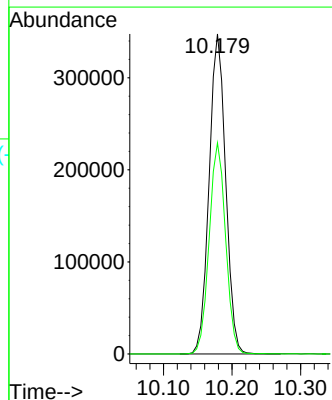
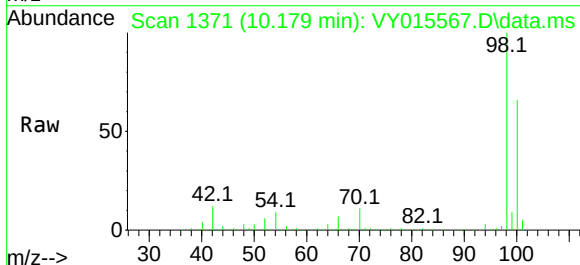


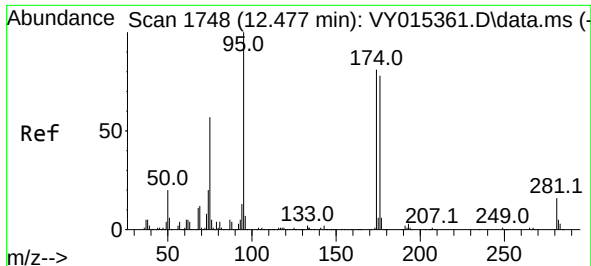
Tgt Ion:117 Resp: 29584
Ion Ratio Lower Upper
117 100
119 4.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.946 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015567.D
Acq: 15 Sep 2023 14:17

Tgt Ion: 98 Resp: 582910
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

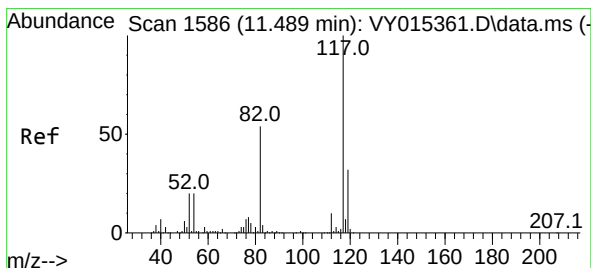
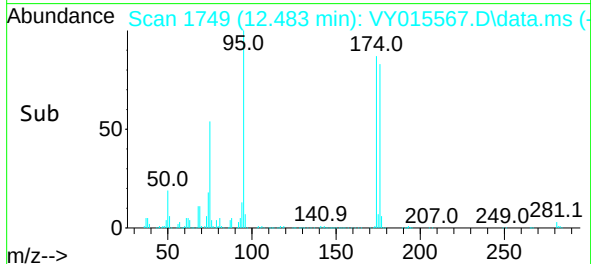
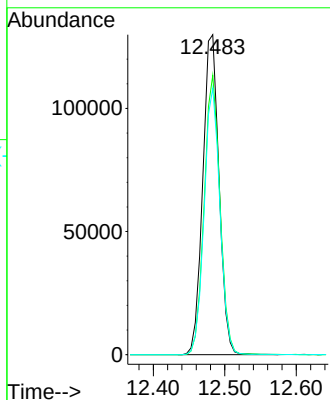
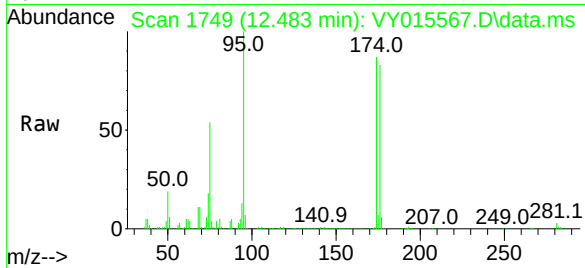




#62
4-Bromofluorobenzene
Concen: 52.994 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015567.D
Acq: 15 Sep 2023 14:17

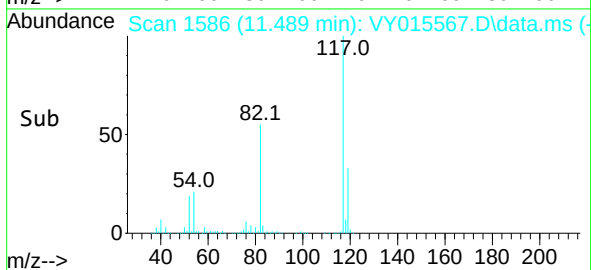
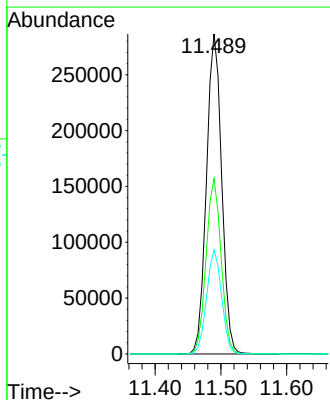
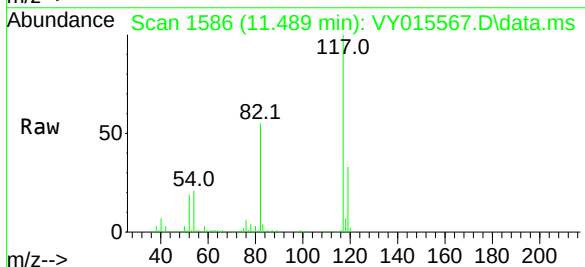
Instrument :
MSVOA_Y
ClientSampleId :

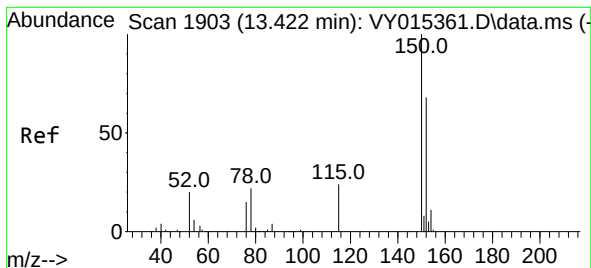
Tgt Ion: 95 Resp: 204979
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 81.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015567.D
Acq: 15 Sep 2023 14:17

Tgt Ion: 117 Resp: 461184
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.5 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: VY015567.D

Acq: 15 Sep 2023 14:17

Instrument :

MSVOA_Y

ClientSampleId :

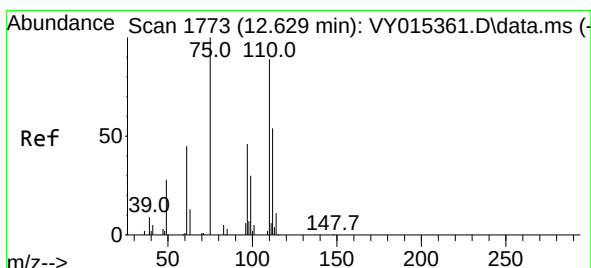
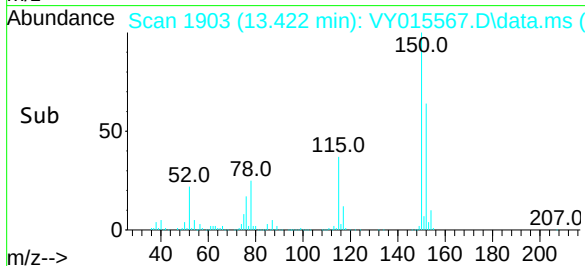
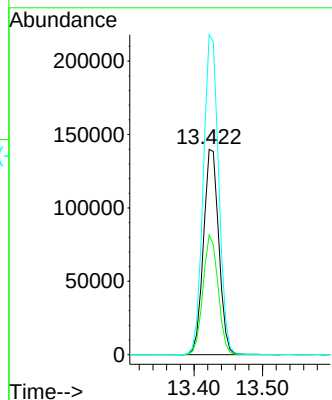
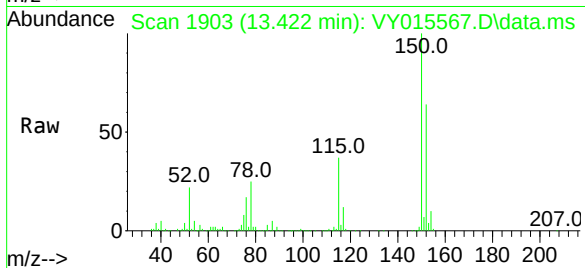
Tgt Ion:152 Resp: 218219

Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 156.4 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 38.034 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015567.D

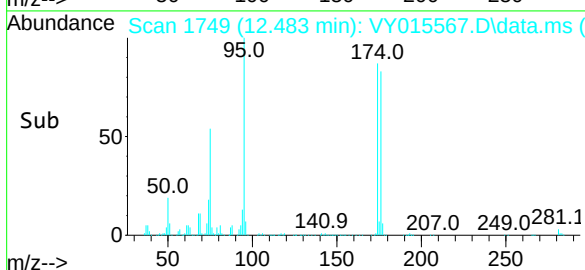
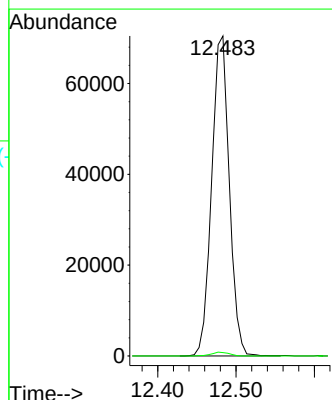
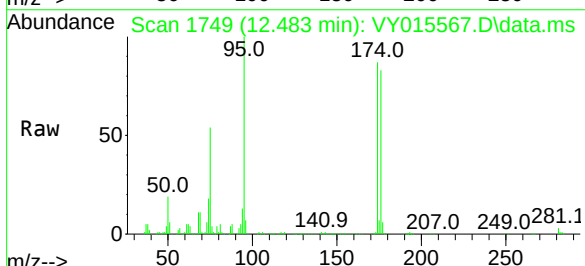
Acq: 15 Sep 2023 14:17

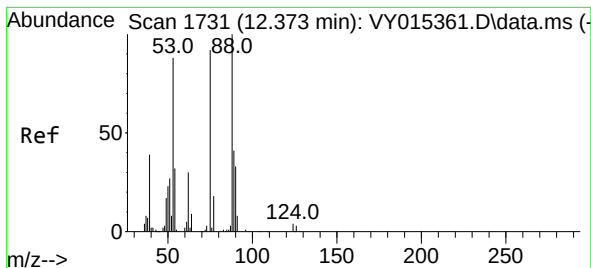
Tgt Ion: 75 Resp: 110064

Ion Ratio Lower Upper

75 100

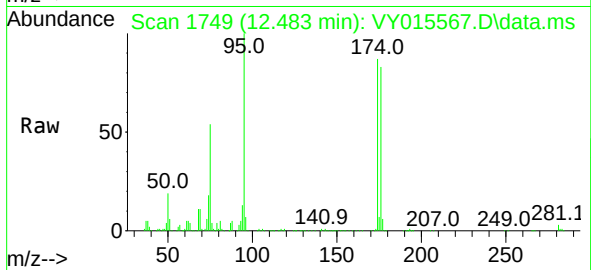
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.899 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY015567.D
 Acq: 15 Sep 2023 14:17

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 110064
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

