

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015572.D
 Acq On : 15 Sep 2023 16:15
 Operator : SY/MD
 Sample : 04412-01
 Misc : 4.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 16:46:57 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)

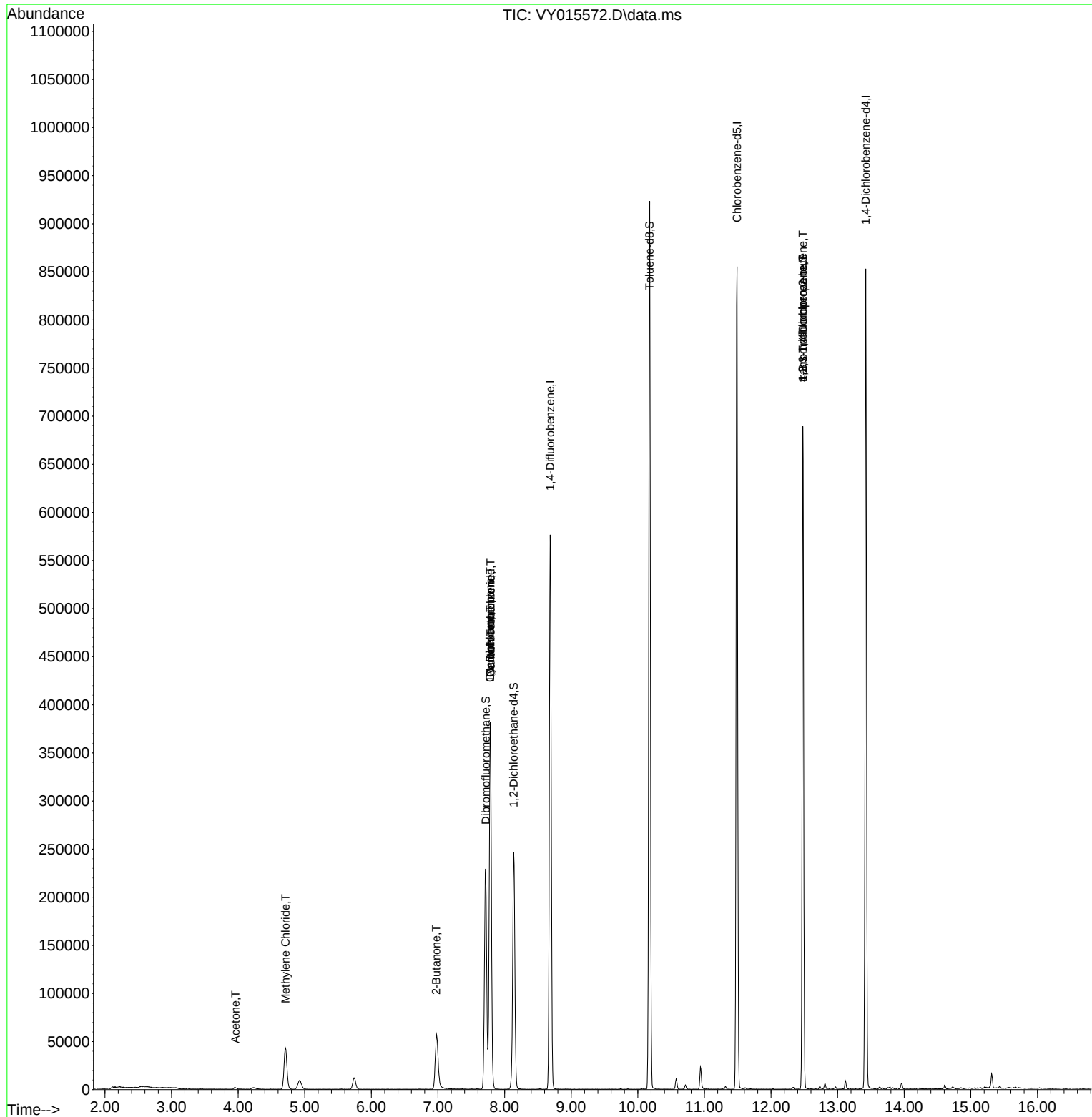
Internal Standards						
1) Pentafluorobenzene	7.789	168	299110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	503213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	464213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	211131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	190968	59.558	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.120%	
35) Dibromofluoromethane	7.715	113	160784	55.473	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.940%	
50) Toluene-d8	10.178	98	595429	56.728	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.460%	
62) 4-Bromofluorobenzene	12.477	95	202798	52.045	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.100%	
Target Compounds						
11) Tert butyl alcohol	4.923	59	10023	Below Cal	Qvalue #	89
16) Acetone	3.960	43	3562	2.662	ug/l	92
20) Methylene Chloride	4.710	84	33191	1.865	ug/l	87
25) 2-Butanone	6.972	43	3254	1.714	ug/l #	71
31) Cyclohexane	7.782	56	6404	1.124	ug/l #	6
36) 1,1-Dichloropropene	7.782	75	23406	4.599	ug/l #	50
38) Carbon Tetrachloride	7.789	117	29821	5.673	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	108955	38.915	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	108955	85.842	ug/l #	10

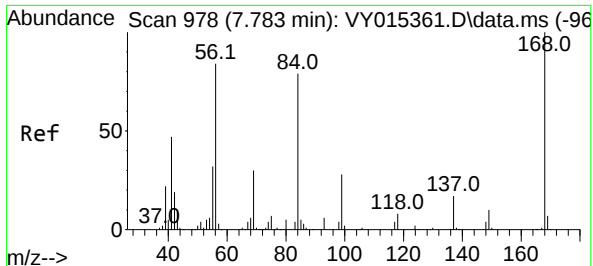
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
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Misc : 4.66g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

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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

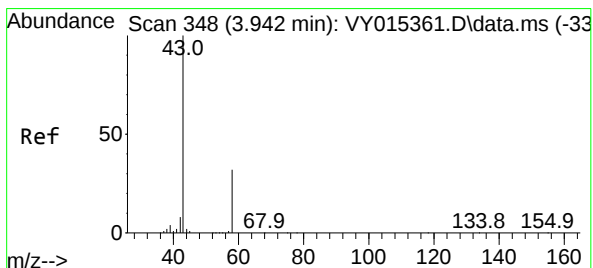
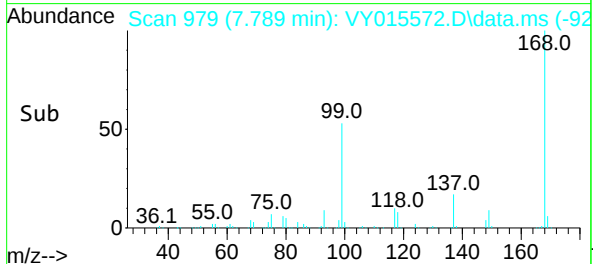
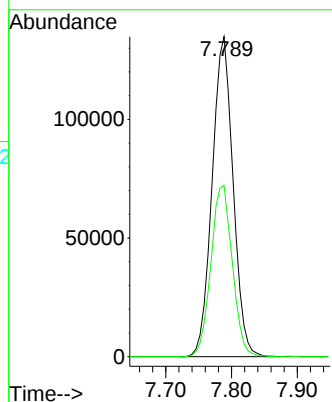
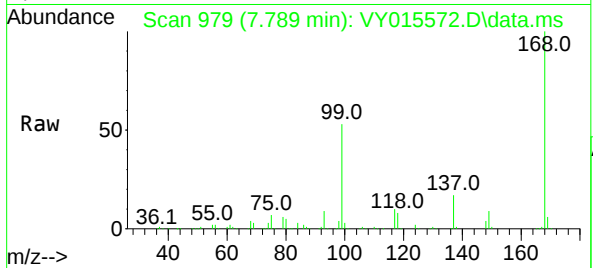




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015572.D
Acq: 15 Sep 2023 16:15

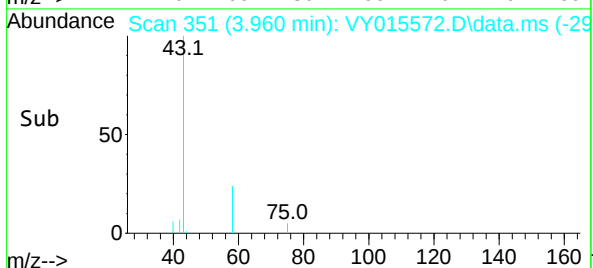
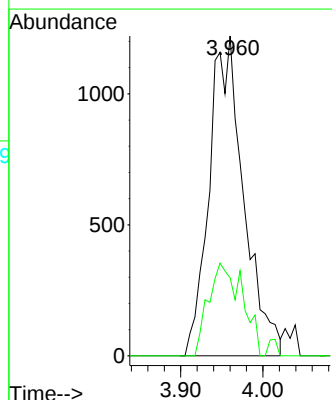
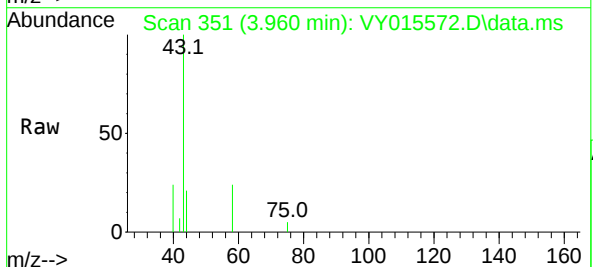
Instrument :
MSVOA_Y
ClientSampleId :

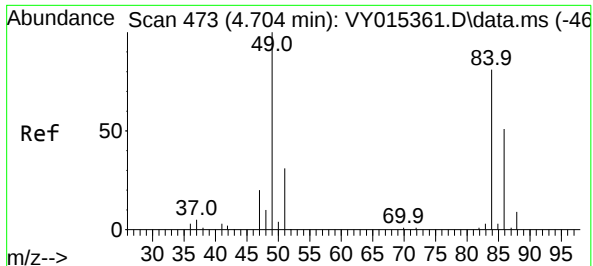
Tgt Ion:168 Resp: 299110
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#16
Acetone
Concen: 2.662 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015572.D
Acq: 15 Sep 2023 16:15

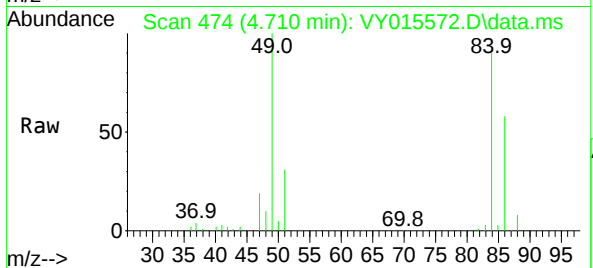
Tgt Ion: 43 Resp: 3562
Ion Ratio Lower Upper
43 100
58 24.4 22.7 34.1



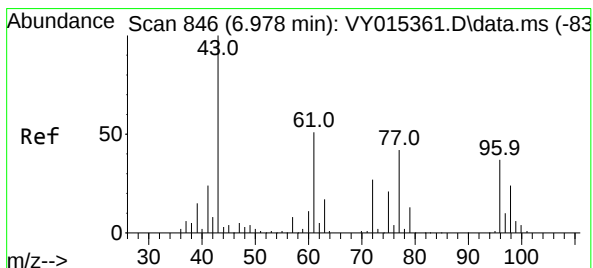
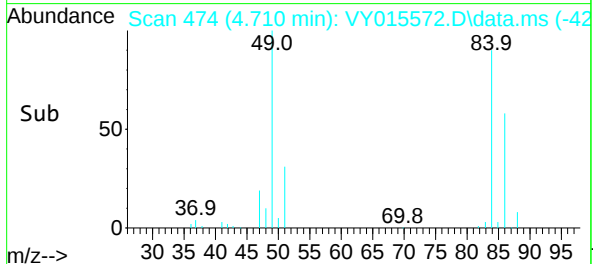
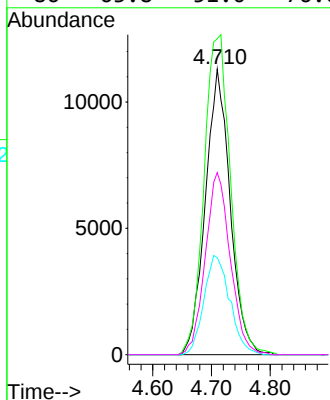


#20
Methylene Chloride
Concen: 1.865 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015572.D
Acq: 15 Sep 2023 16:15

Instrument :
MSVOA_Y
ClientSampleId :

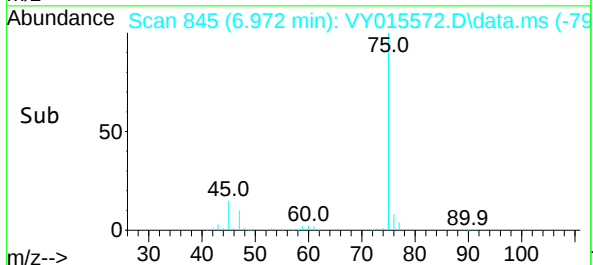
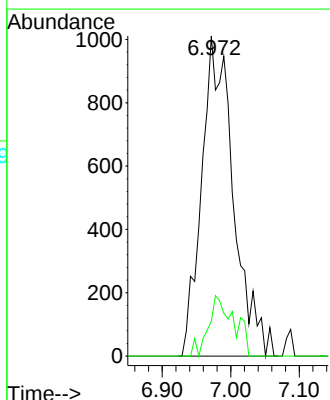
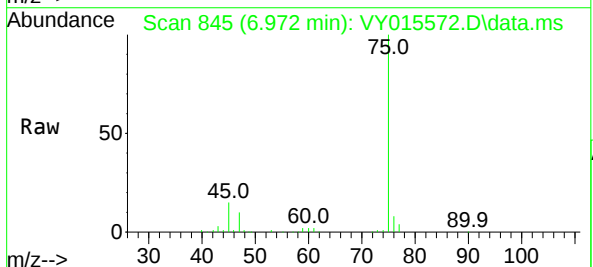


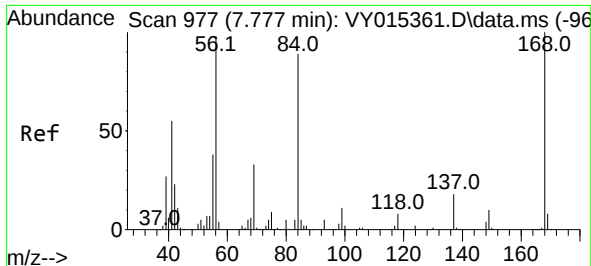
Tgt Ion: 84 Resp: 33191
Ion Ratio Lower Upper
84 100
49 110.7 106.9 160.3
51 34.0 33.2 49.8
86 63.8 51.0 76.6



#25
2-Butanone
Concen: 1.714 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY015572.D
Acq: 15 Sep 2023 16:15

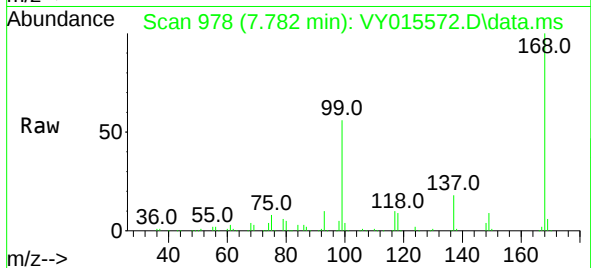
Tgt Ion: 43 Resp: 3254
Ion Ratio Lower Upper
43 100
72 10.9 20.5 30.7#



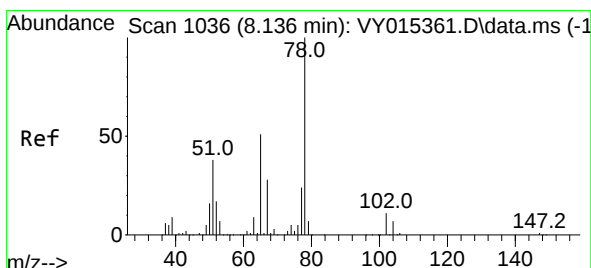
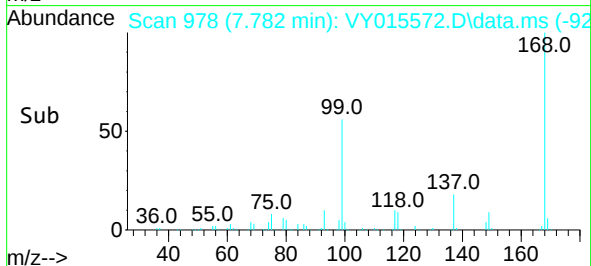
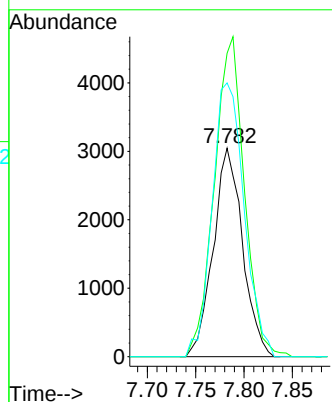


#31
Cyclohexane
Concen: 1.124 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015572.D
Acq: 15 Sep 2023 16:15

Instrument :
MSVOA_Y
ClientSampleId :

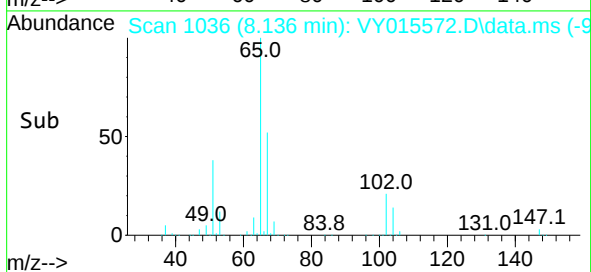
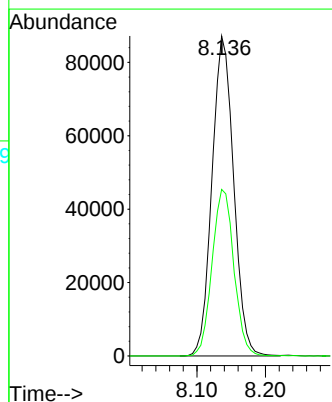
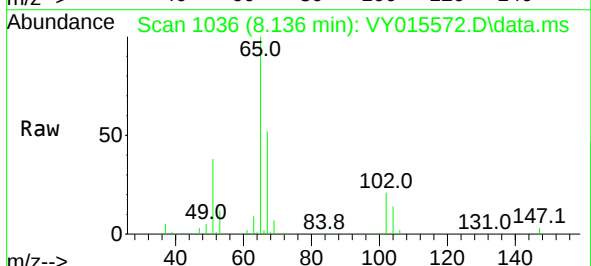


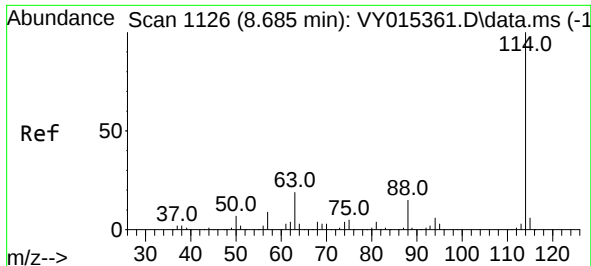
Tgt Ion: 56 Resp: 6404
Ion Ratio Lower Upper
56 100
69 145.5 27.8 41.6#
84 131.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 59.558 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015572.D
Acq: 15 Sep 2023 16:15

Tgt Ion: 65 Resp: 190968
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.8

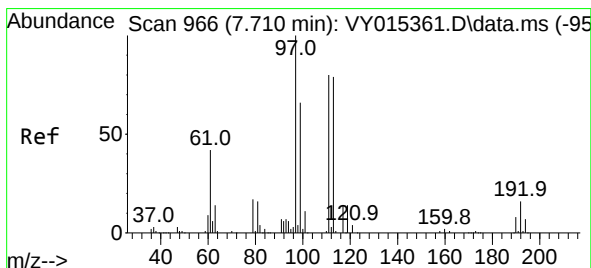
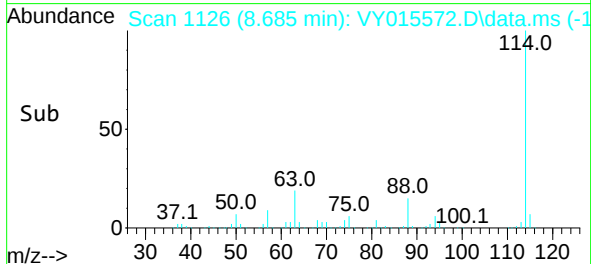
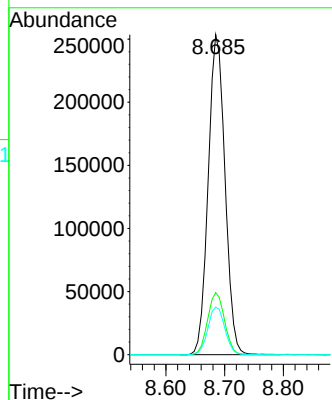
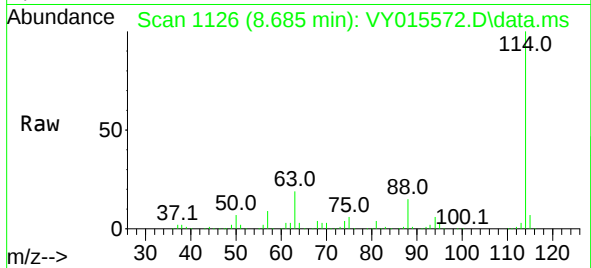




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015572.D
Acq: 15 Sep 2023 16:15

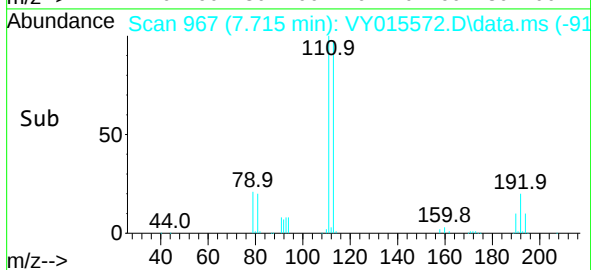
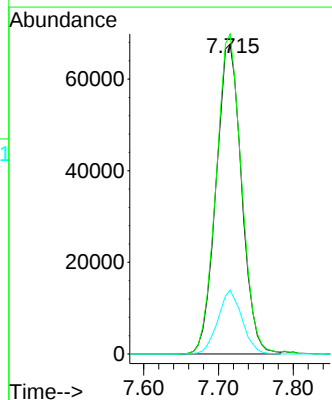
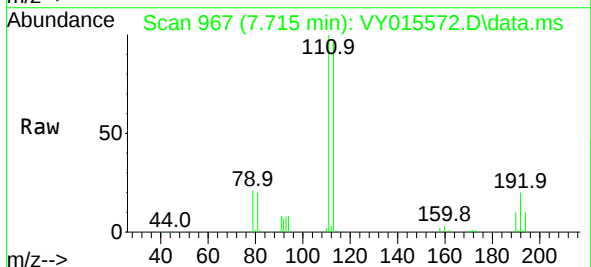
Instrument :
MSVOA_Y
ClientSampleId :

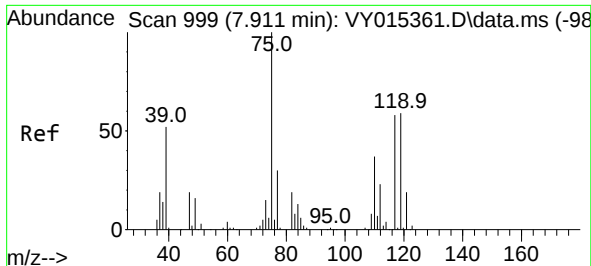
Tgt Ion:114 Resp: 503213
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.473 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015572.D
Acq: 15 Sep 2023 16:15

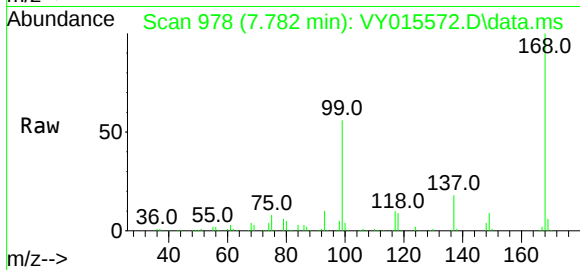
Tgt Ion:113 Resp: 160784
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.4 16.9 25.3



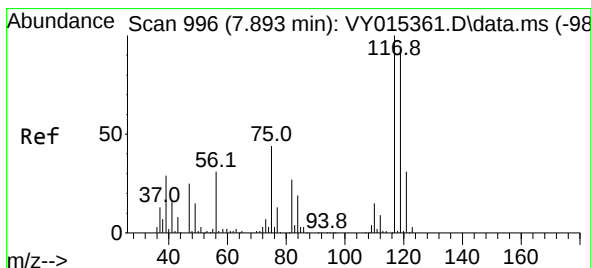
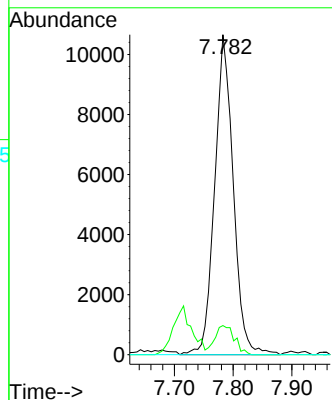
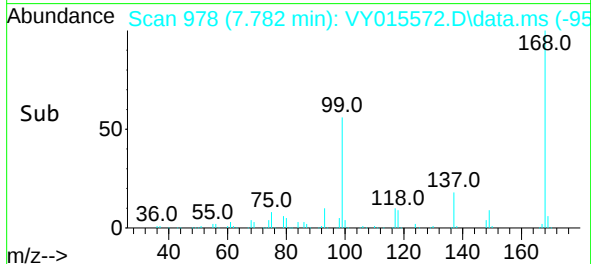


#36
1,1-Dichloropropene
Concen: 4.599 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015572.D
Acq: 15 Sep 2023 16:15

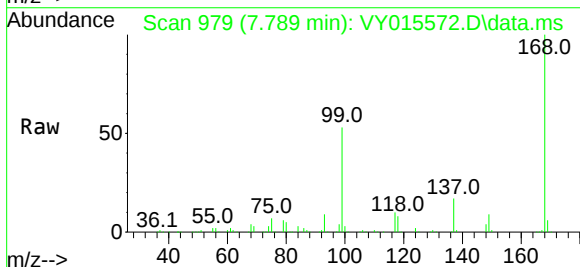
Instrument :
MSVOA_Y
ClientSampleId :



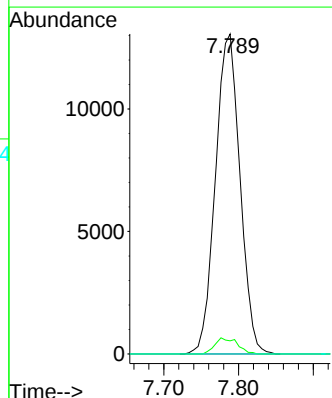
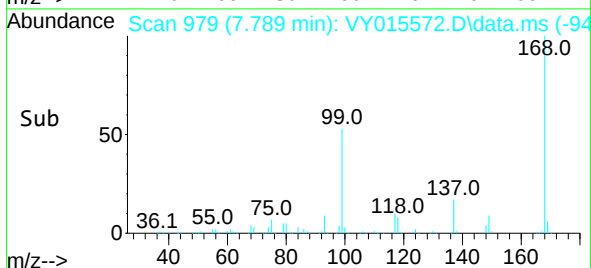
Tgt Ion: 75 Resp: 23406
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#

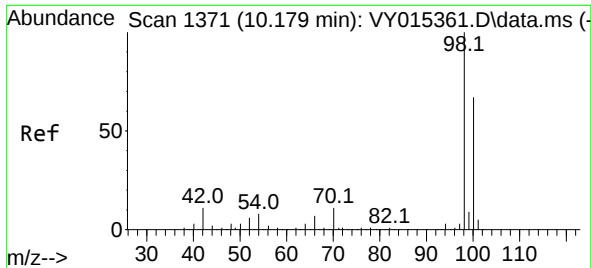


#38
Carbon Tetrachloride
Concen: 5.673 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.104 min
Lab File: VY015572.D
Acq: 15 Sep 2023 16:15



Tgt Ion: 117 Resp: 29821
Ion Ratio Lower Upper
117 100
119 4.1 76.4 114.6#
121 0.0 25.8 38.6#

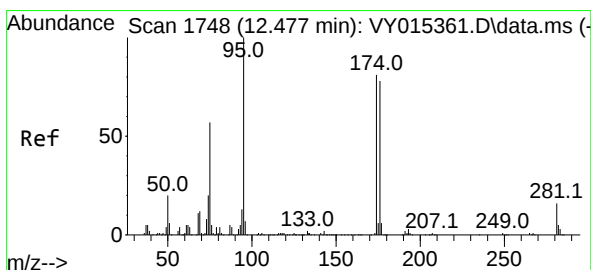
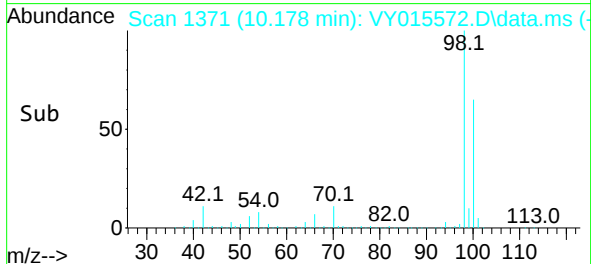
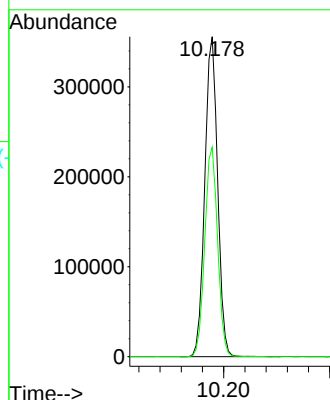
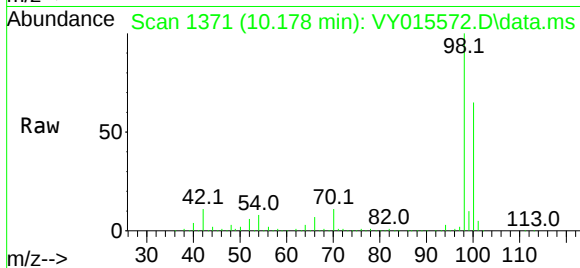




#50
Toluene-d8
Concen: 56.728 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015572.D
Acq: 15 Sep 2023 16:15

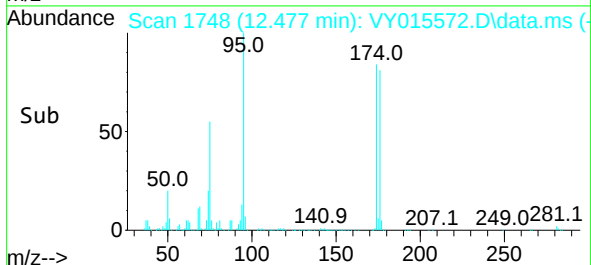
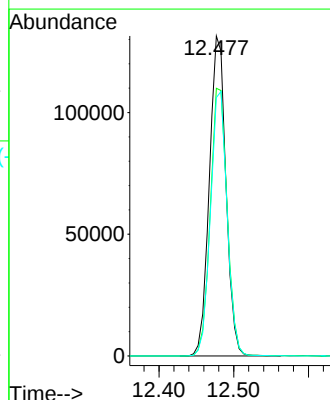
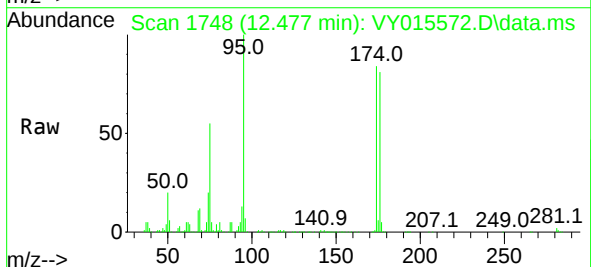
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ClientSampleId :

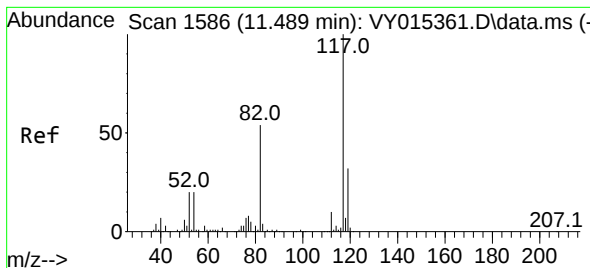
Tgt Ion: 98 Resp: 595429
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.045 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015572.D
Acq: 15 Sep 2023 16:15

Tgt Ion: 95 Resp: 202798
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 83.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

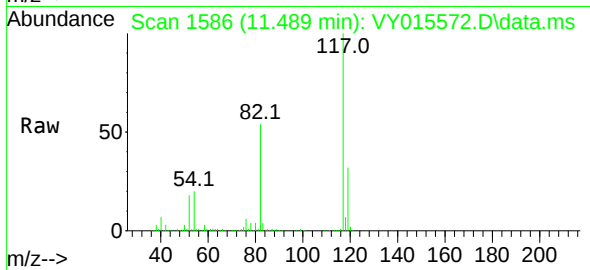
Lab File: VY015572.D

Acq: 15 Sep 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :



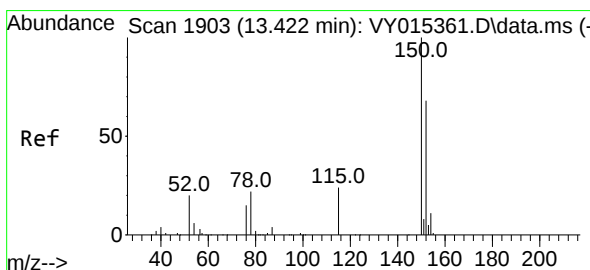
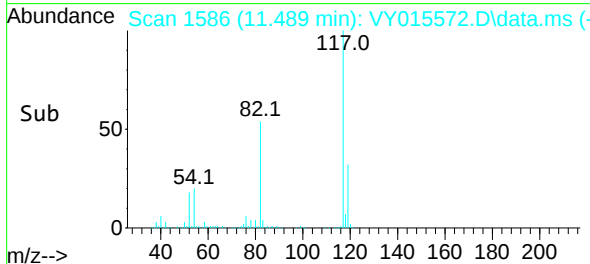
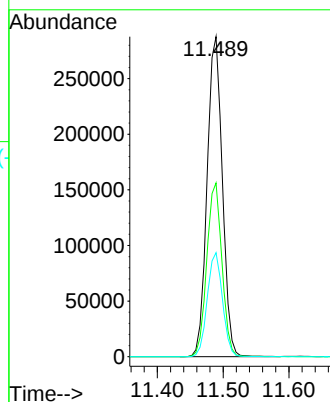
Tgt Ion:117 Resp: 464213

Ion Ratio Lower Upper

117 100

82 54.3 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: VY015572.D

Acq: 15 Sep 2023 16:15

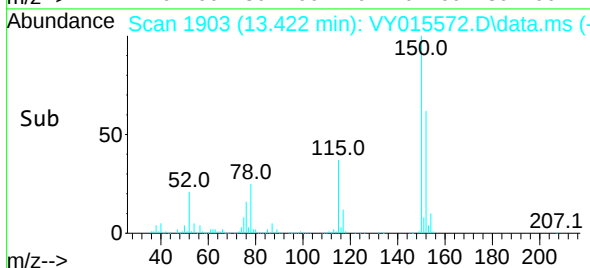
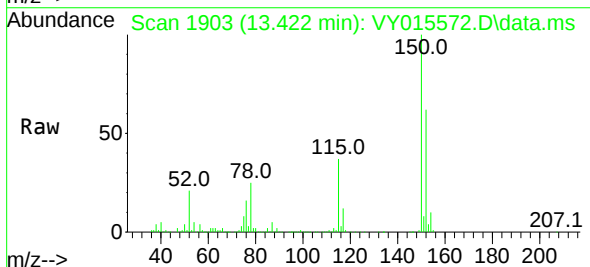
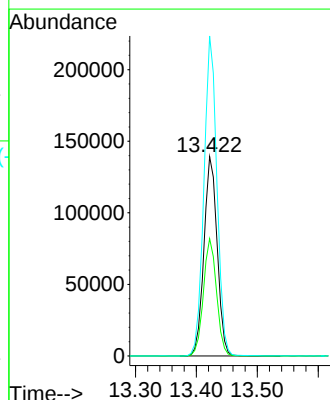
Tgt Ion:152 Resp: 211131

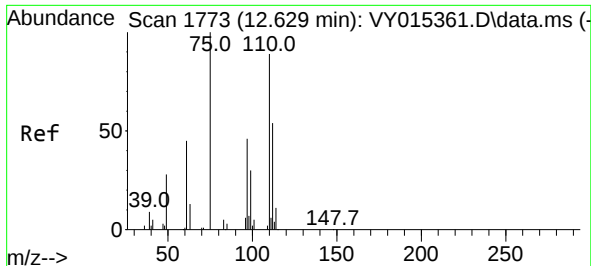
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 157.7 0.0 348.8

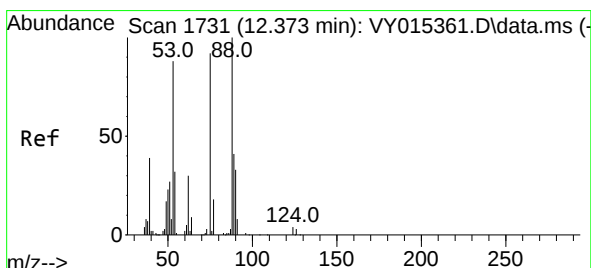
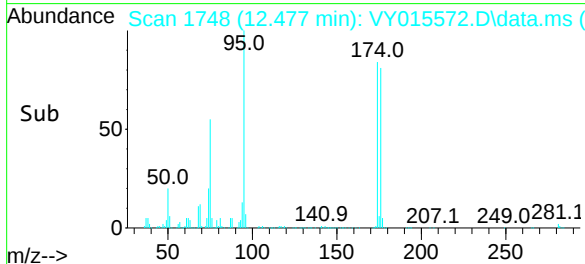
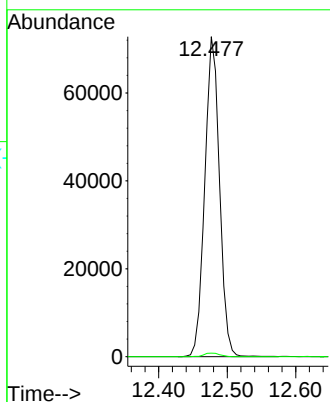
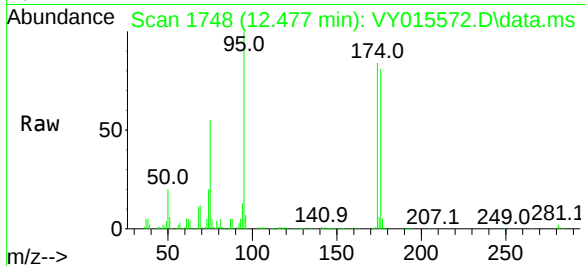




#76
1,2,3-Trichloropropane
Concen: 38.915 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY015572.D
Acq: 15 Sep 2023 16:15

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 108955
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.842 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY015572.D
Acq: 15 Sep 2023 16:15

Tgt Ion: 75 Resp: 108955
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

