

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
 Data File : VY013122.D
 Acq On : 28 Mar 2023 17:21
 Operator : KP/MD
 Sample : 02118-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Mar 29 02:31:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

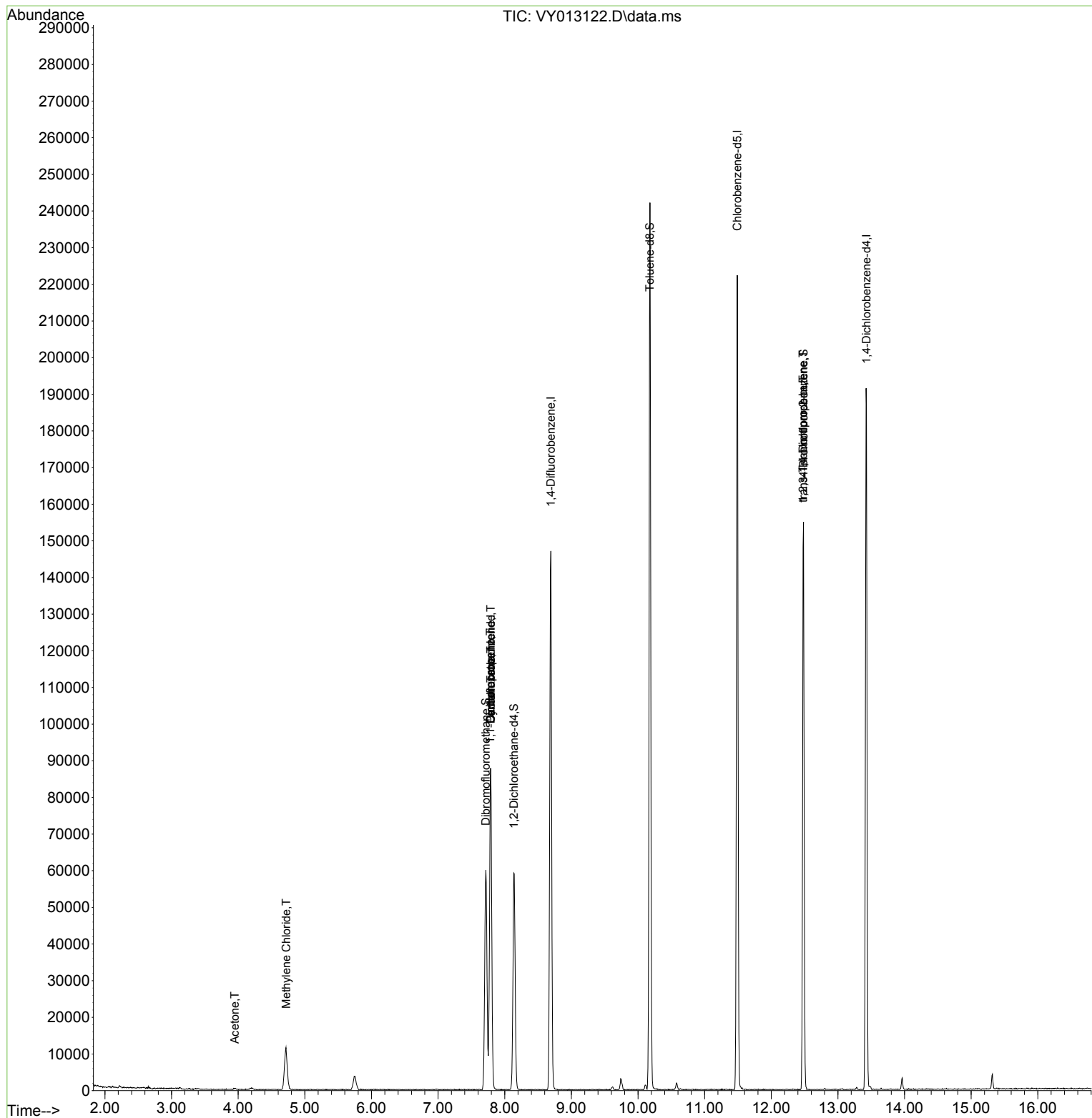
Internal Standards						
1) Pentafluorobenzene	7.789	168	66319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	123368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	116729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	50150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	46815	71.098	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.200%	
35) Dibromofluoromethane	7.716	113	41700	56.009	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.020%	
50) Toluene-d8	10.179	98	152214	55.923	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.840%	
62) 4-Bromofluorobenzene	12.483	95	44434	48.367	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.740%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	710	2.747	ug/l	93
20) Methylene Chloride	4.723	84	7681	4.892	ug/l	98
31) Cyclohexane	7.789	56	1584	1.256	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	5442	4.362	ug/l #	48
38) Carbon Tetrachloride	7.789	117	6732	5.225	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	23571	39.359	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	23571	81.553	ug/l #	13

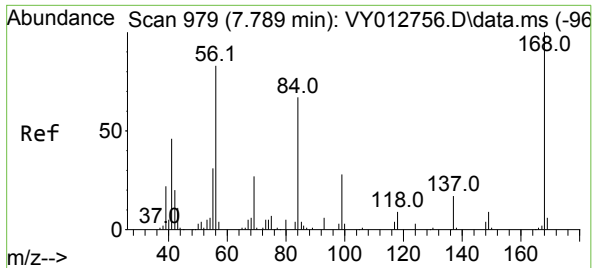
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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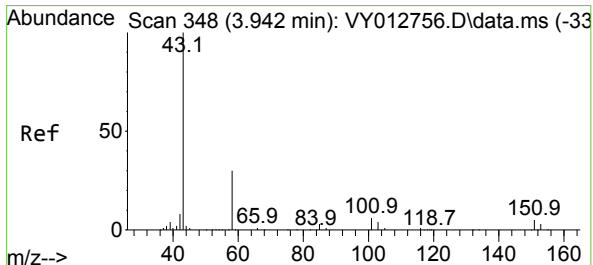
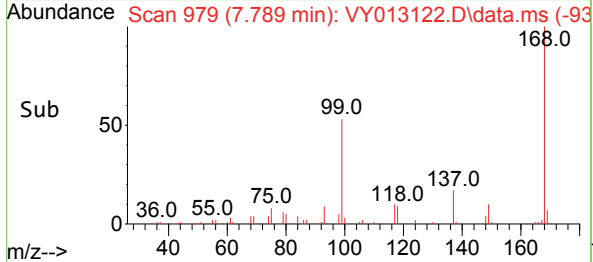
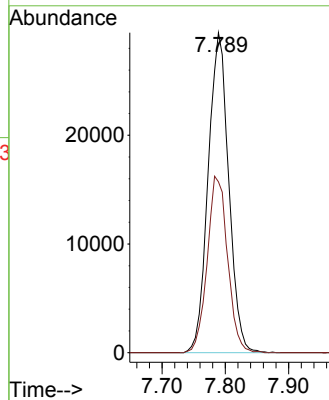
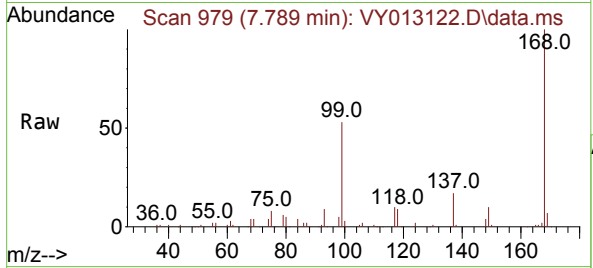




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013122.D
Acq: 28 Mar 2023 17:21

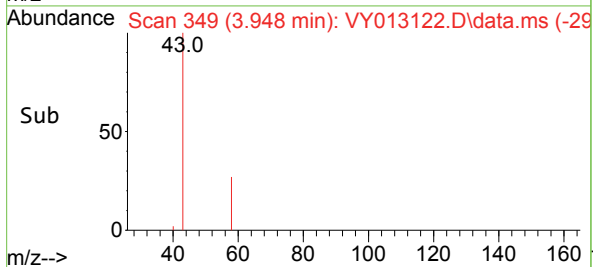
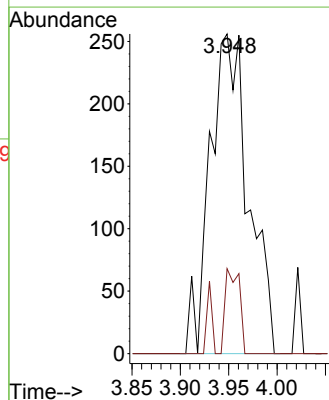
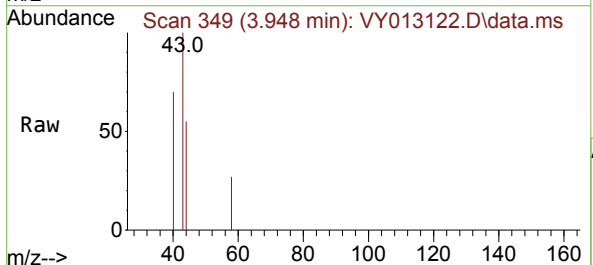
Instrument :
MSVOA_Y
ClientSampleId :
VOC

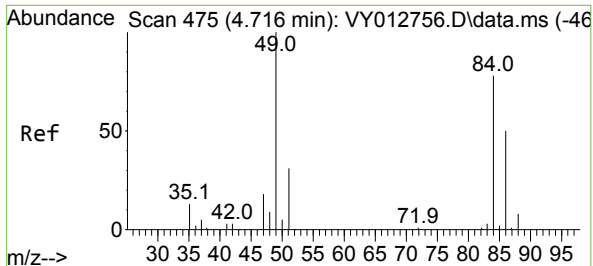
Tgt Ion:168 Resp: 66319
Ion Ratio Lower Upper
168 100
99 53.4 41.7 62.5



#16
Acetone
Concen: 2.747 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013122.D
Acq: 28 Mar 2023 17:21

Tgt Ion: 43 Resp: 710
Ion Ratio Lower Upper
43 100
58 26.6 24.2 36.2



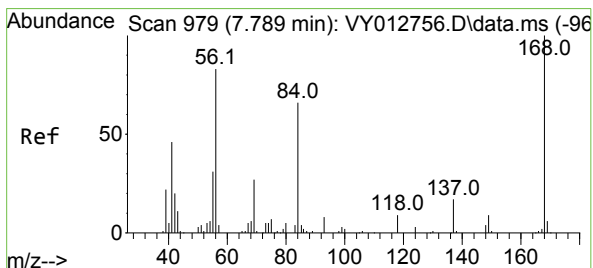
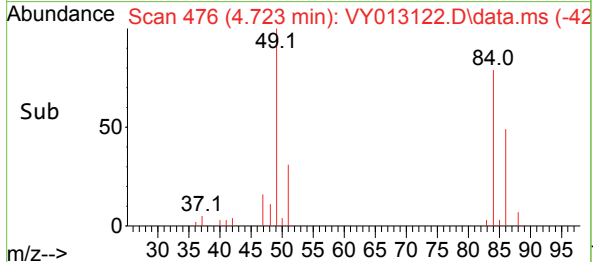
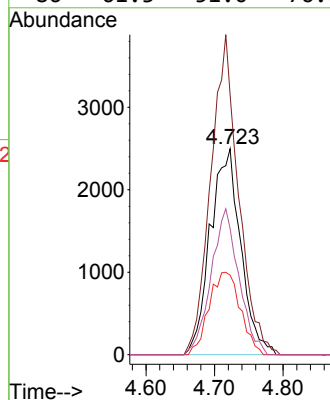
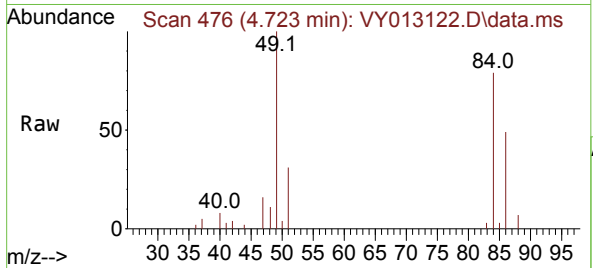


#20
Methylene Chloride
Concen: 4.892 ug/l
RT: 4.723 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY013122.D
Acq: 28 Mar 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 84 Resp: 7681

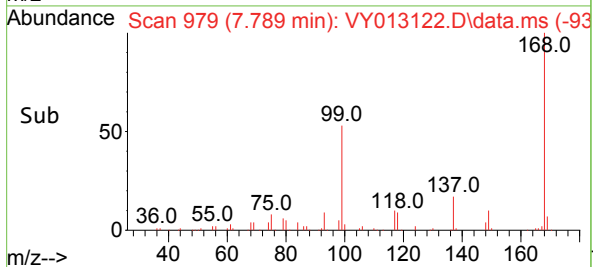
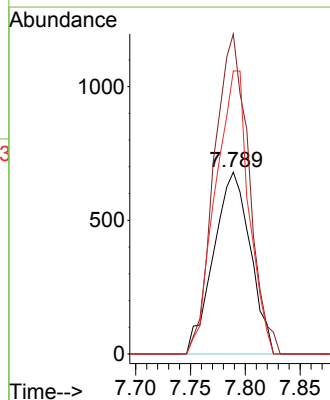
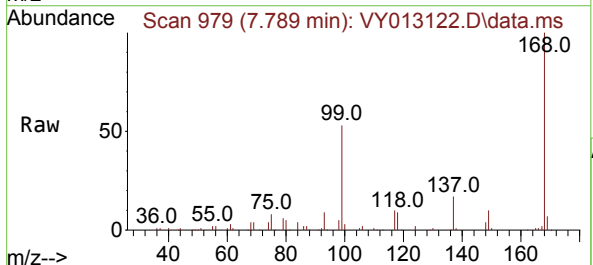
Ion	Ratio	Lower	Upper
84	100		
49	126.2	102.6	154.0
51	38.6	31.9	47.9
86	61.3	51.0	76.6

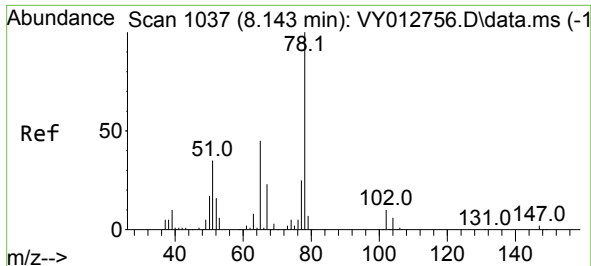


#31
Cyclohexane
Concen: 1.256 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY013122.D
Acq: 28 Mar 2023 17:21

Tgt Ion: 56 Resp: 1584

Ion	Ratio	Lower	Upper
56	100		
69	176.0	25.7	38.5#
84	155.7	64.3	96.5#

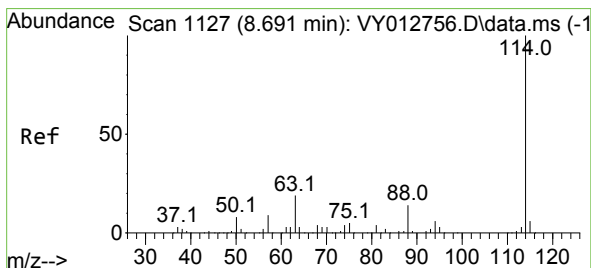
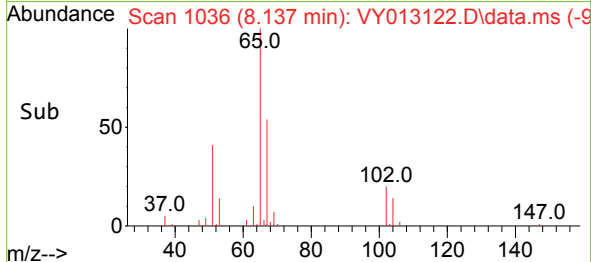
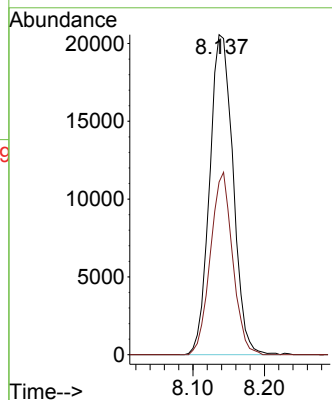
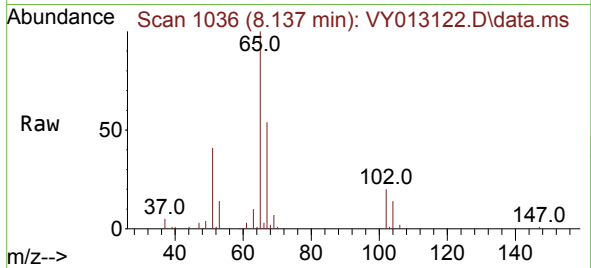




#33
1,2-Dichloroethane-d4
Concen: 71.098 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY013122.D
Acq: 28 Mar 2023 17:21

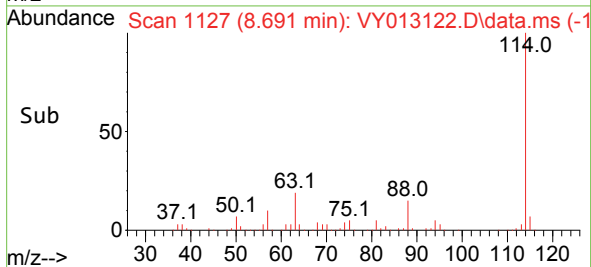
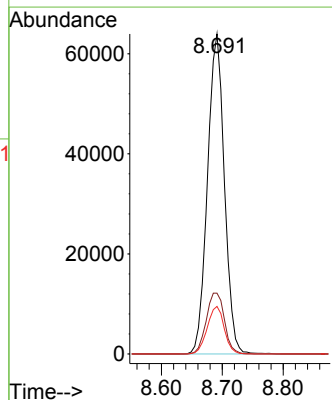
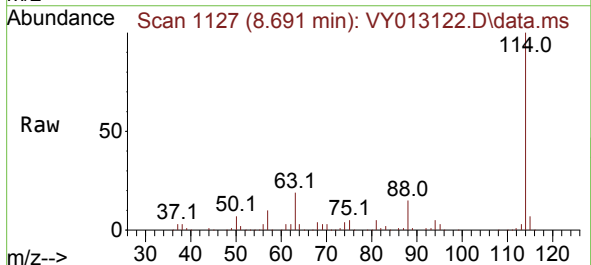
Instrument :
MSVOA_Y
ClientSampleId :
VOC

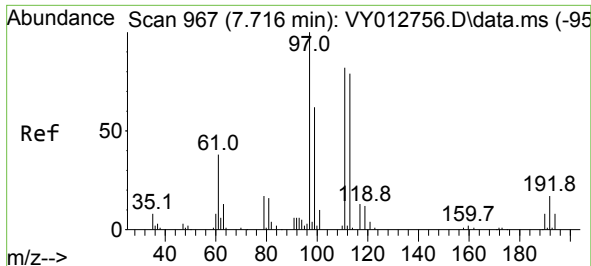
Tgt Ion: 65 Resp: 46815
Ion Ratio Lower Upper
65 100
67 54.0 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013122.D
Acq: 28 Mar 2023 17:21

Tgt Ion:114 Resp: 123368
Ion Ratio Lower Upper
114 100
63 19.0 0.0 37.4
88 14.8 0.0 28.6

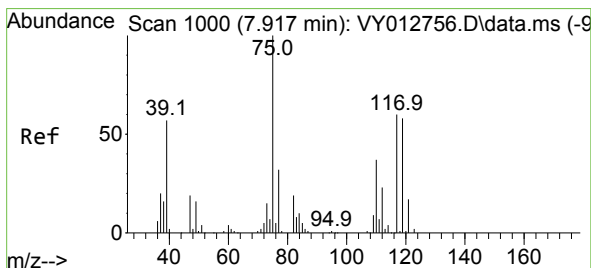
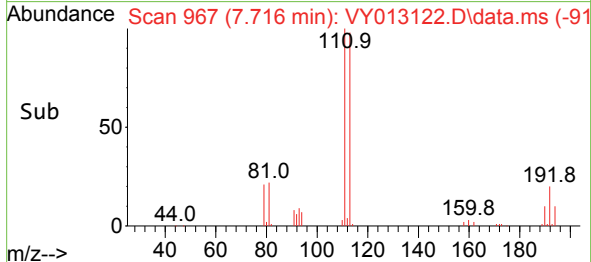
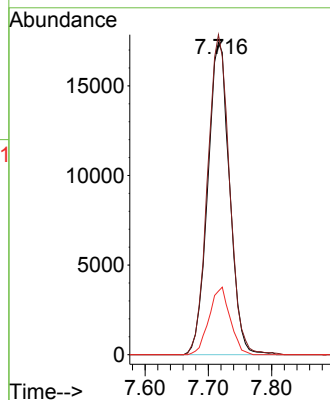
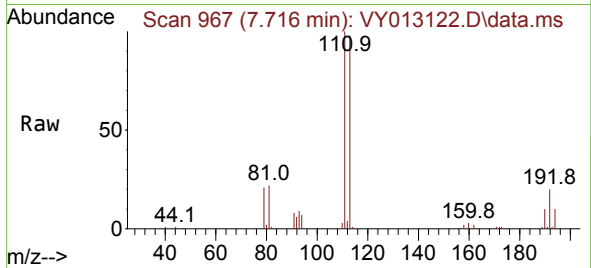




#35
Dibromofluoromethane
Concen: 56.009 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013122.D
Acq: 28 Mar 2023 17:21

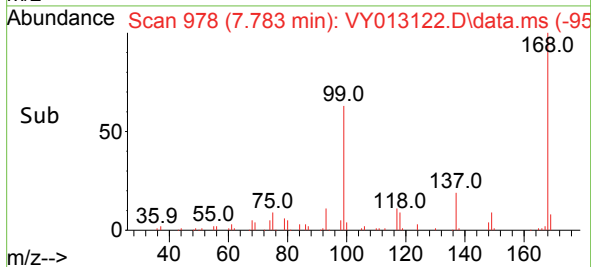
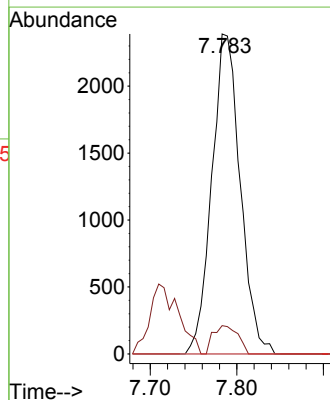
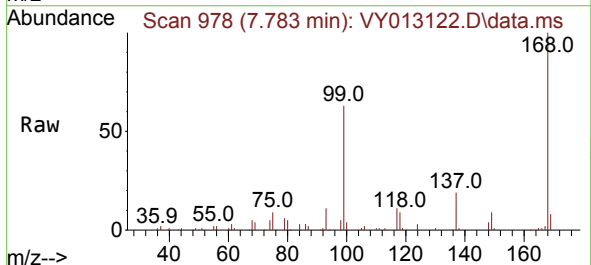
Instrument :
MSVOA_Y
ClientSampleId :
VOC

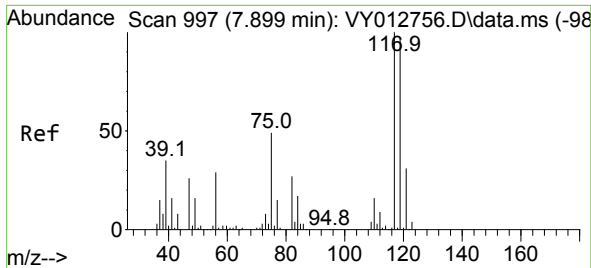
Tgt Ion:113 Resp: 41700
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 20.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.362 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013122.D
Acq: 28 Mar 2023 17:21

Tgt Ion: 75 Resp: 5442
Ion Ratio Lower Upper
75 100
110 7.7 17.8 53.3#
77 0.0 25.0 37.4#

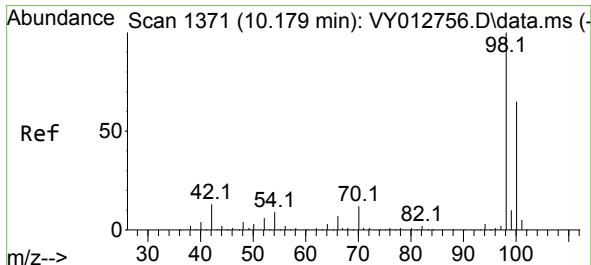
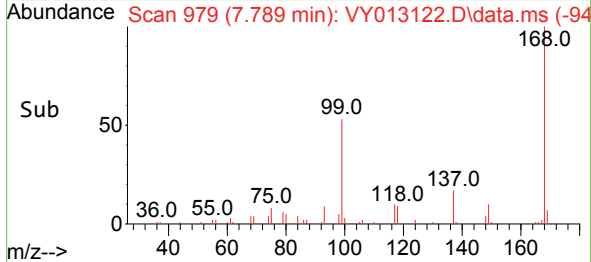
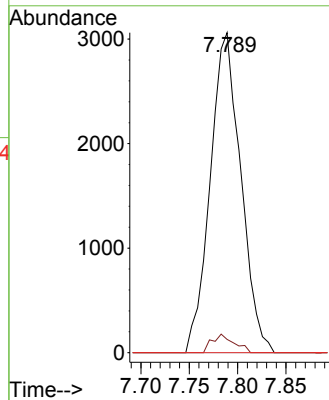
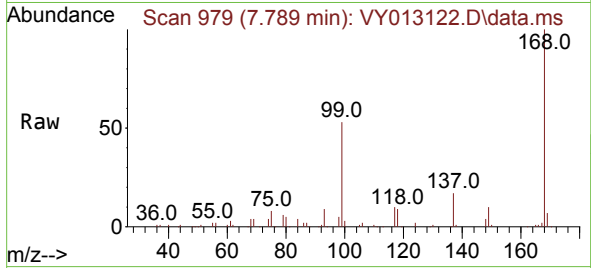




#38
Carbon Tetrachloride
Concen: 5.225 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013122.D
Acq: 28 Mar 2023 17:21

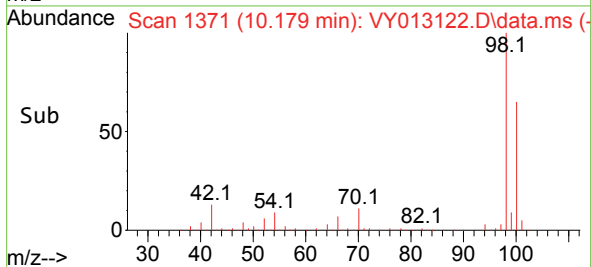
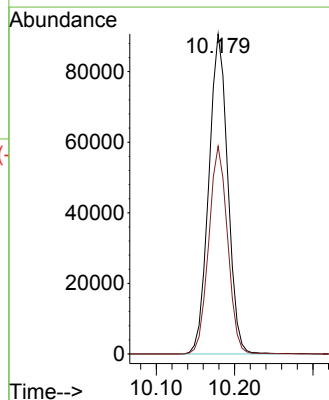
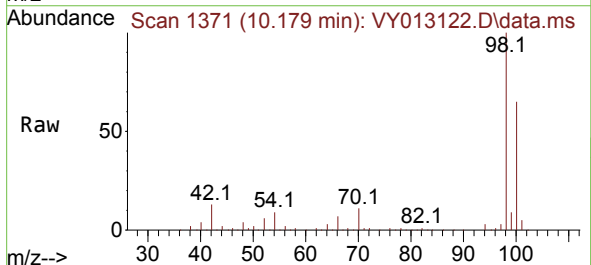
Instrument :
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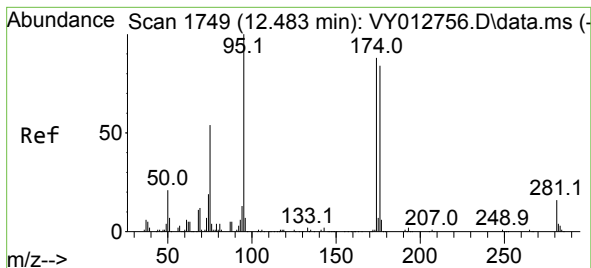
Tgt Ion:117 Resp: 6732
Ion Ratio Lower Upper
117 100
119 4.1 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.923 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013122.D
Acq: 28 Mar 2023 17:21

Tgt Ion: 98 Resp: 152214
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3

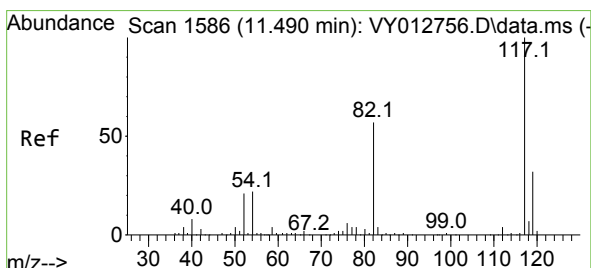
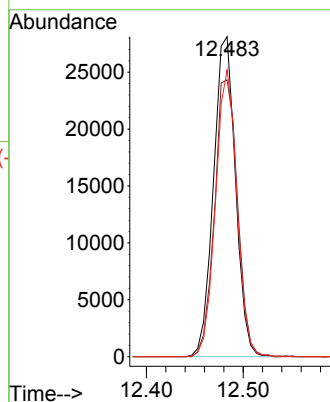
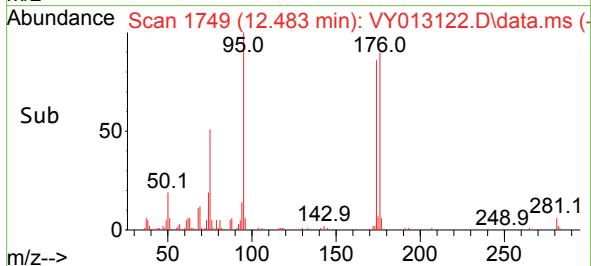
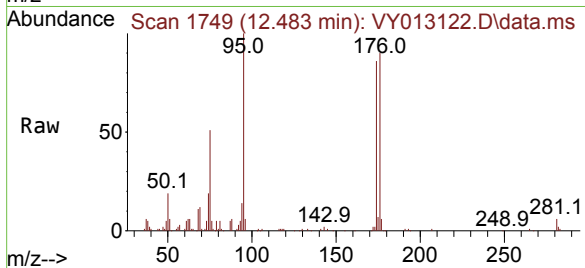




#62
4-Bromofluorobenzene
Concen: 48.367 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013122.D
Acq: 28 Mar 2023 17:21

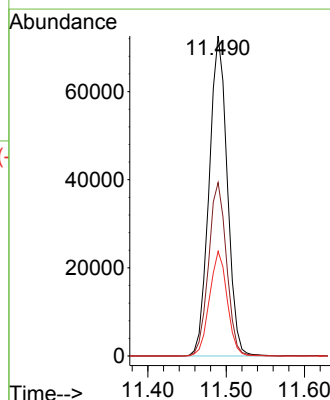
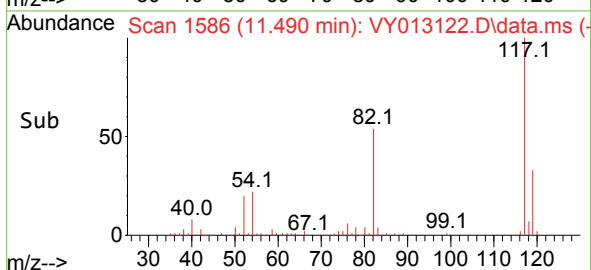
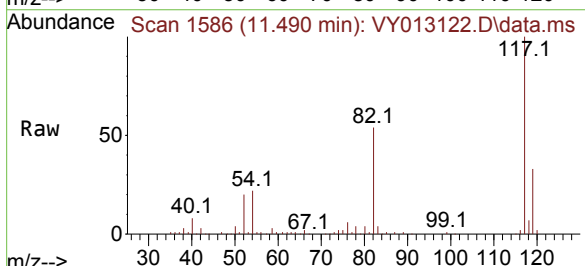
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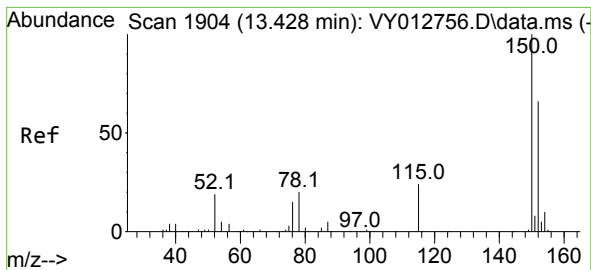
Tgt Ion: 95 Resp: 44434
Ion Ratio Lower Upper
95 100
174 90.3 0.0 176.6
176 87.1 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013122.D
Acq: 28 Mar 2023 17:21

Tgt Ion: 117 Resp: 116729
Ion Ratio Lower Upper
117 100
82 54.2 45.4 68.0
119 32.7 25.6 38.4

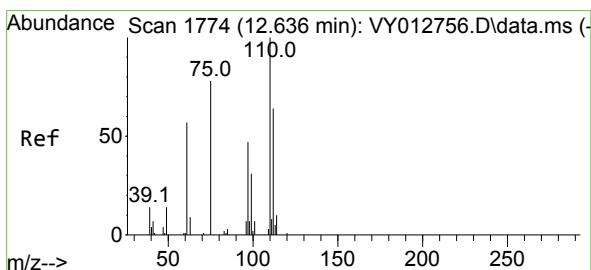
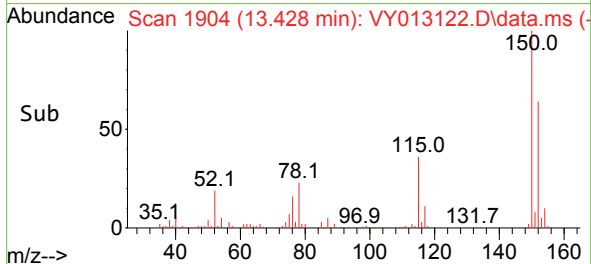
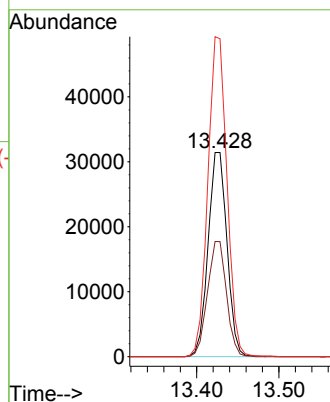
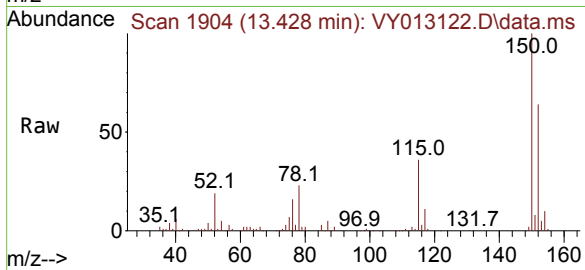




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY013122.D
 Acq: 28 Mar 2023 17:21

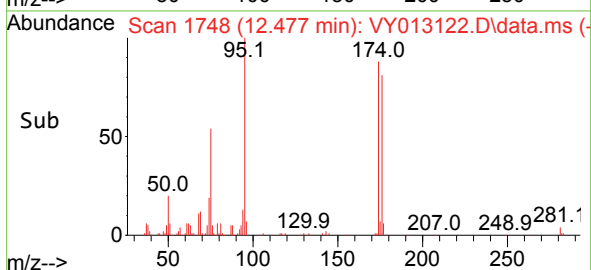
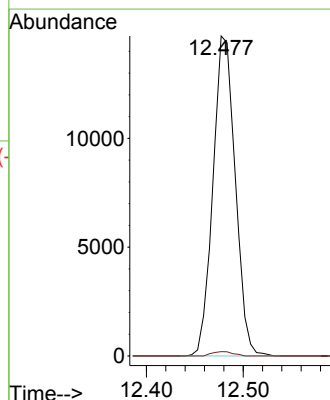
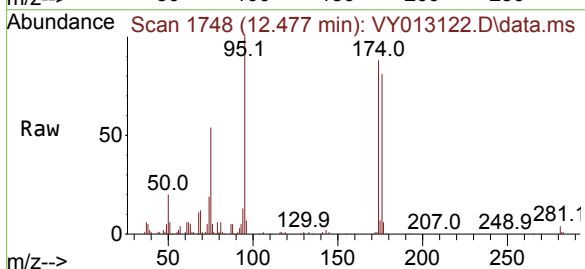
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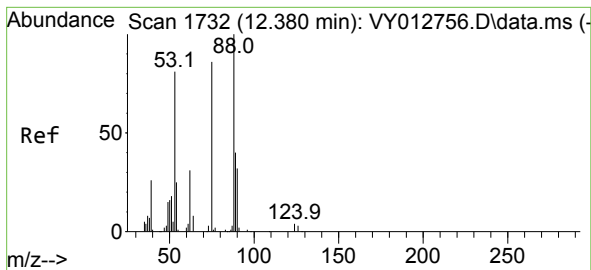
Tgt Ion:152 Resp: 50150
 Ion Ratio Lower Upper
 152 100
 115 56.8 27.1 81.3
 150 158.2 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 39.359 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY013122.D
 Acq: 28 Mar 2023 17:21

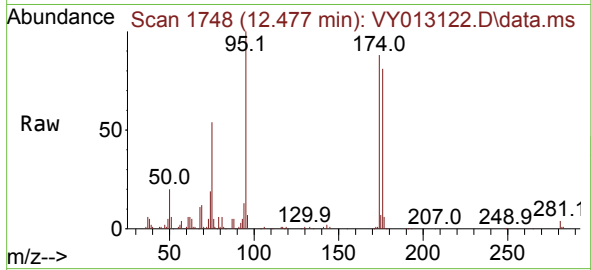
Tgt Ion: 75 Resp: 23571
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.553 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY013122.D
 Acq: 28 Mar 2023 17:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC



Tgt Ion: 75 Resp: 23571
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.2 36.6 55.0#

