

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
 Data File : VY007588.D
 Acq On : 22 Feb 2022 17:41
 Operator : SY/MD
 Sample : N1635-03
 Misc : 6.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-124042

Quant Time: Feb 23 03:32:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 15:25:36 2022
 Response via : Initial Calibration

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

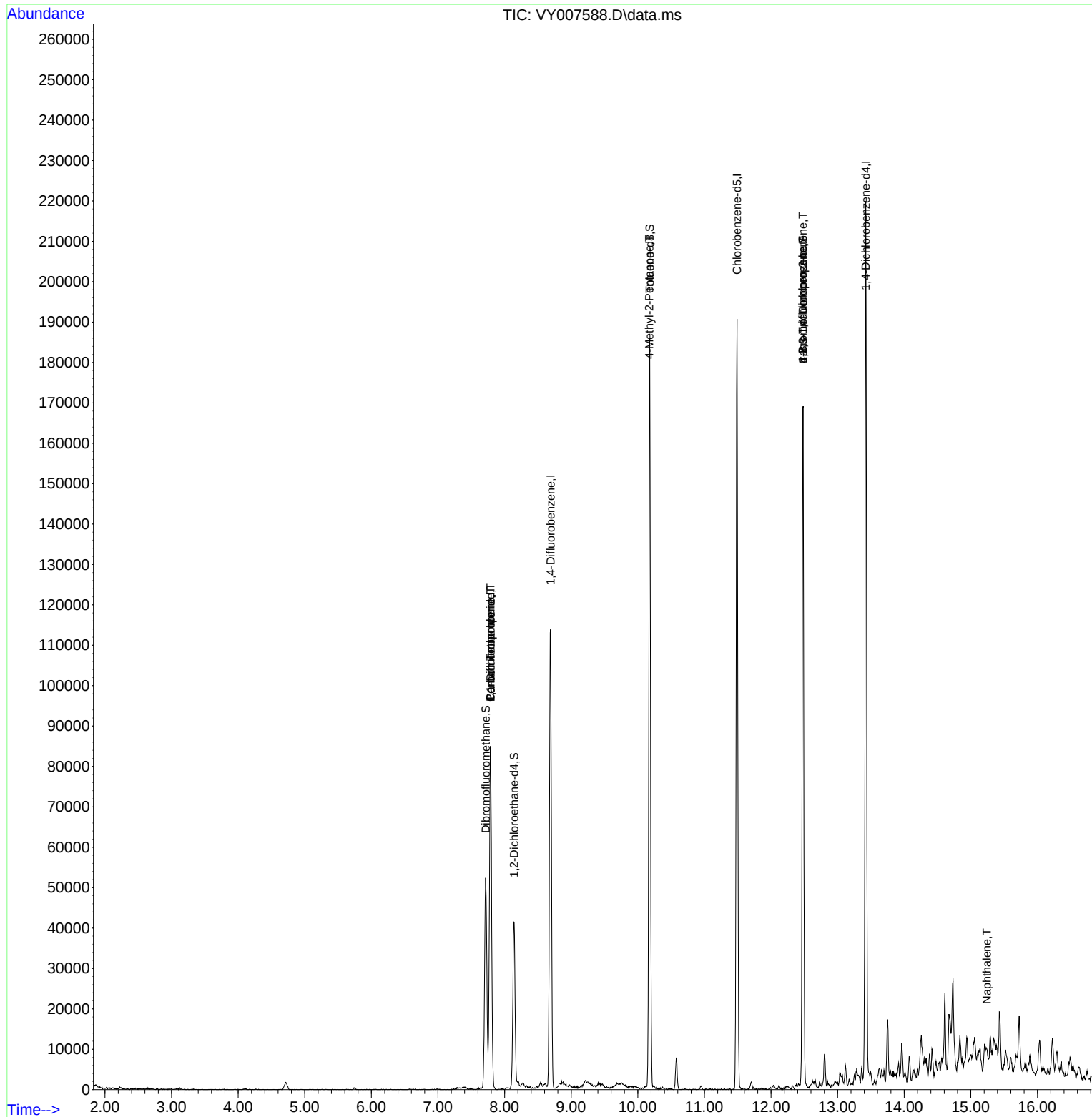
Internal Standards						
1) Pentafluorobenzene	7.789	168	60667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	97968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	96841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	34272	54.544	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.080%	
35) Dibromofluoromethane	7.716	113	33187	53.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.840%	
50) Toluene-d8	10.179	98	114944	53.366	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.740%	
62) 4-Bromofluorobenzene	12.477	95	46270	59.329	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.660%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.729	84	1680	Below Cal	#	57
31) Cyclohexane	7.789	56	1583	Below Cal	#	54
36) 1,1-Dichloropropene	7.789	75	4813	5.302	ug/l #	55
38) Carbon Tetrachloride	7.789	117	6996	5.723	ug/l #	13
51) 4-Methyl-2-Pentanone	10.173	43	593	1.566	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	27456	46.409	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	27456	113.737	ug/l #	7
95) Naphthalene	15.239	128	3239	1.484	ug/l #	90

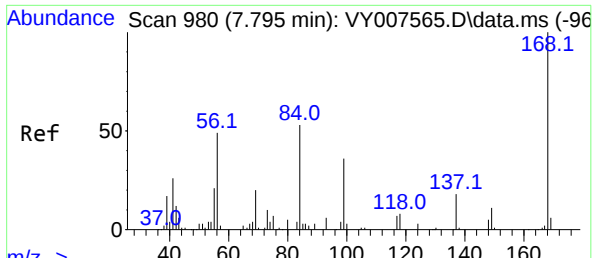
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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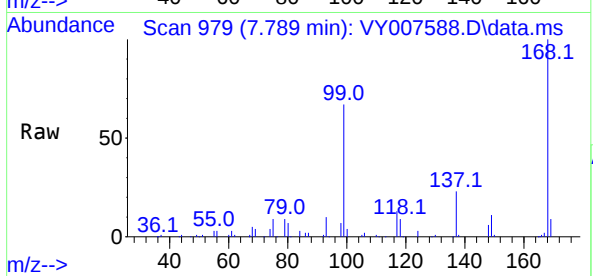
Quant Time: Feb 23 03:32:14 2022
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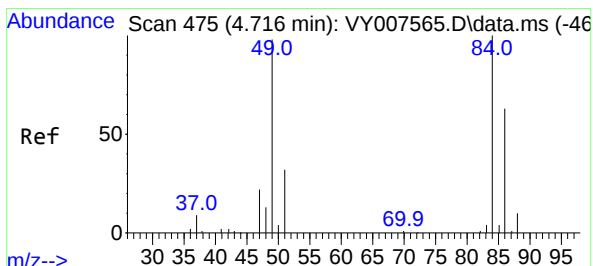
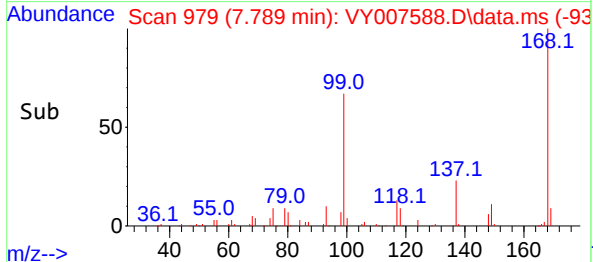
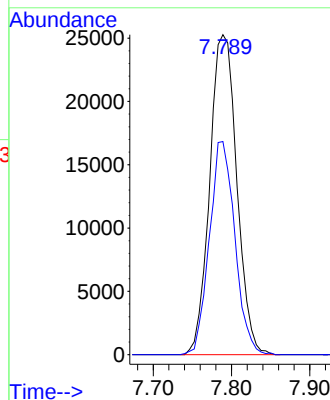


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007588.D
Acq: 22 Feb 2022 17:41

Instrument :
MSVOA_Y
ClientSampleId :
RO-124042

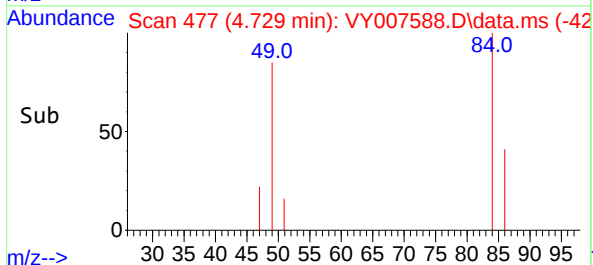
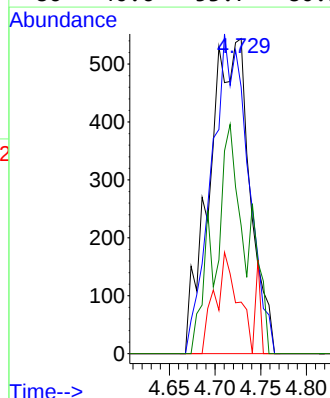
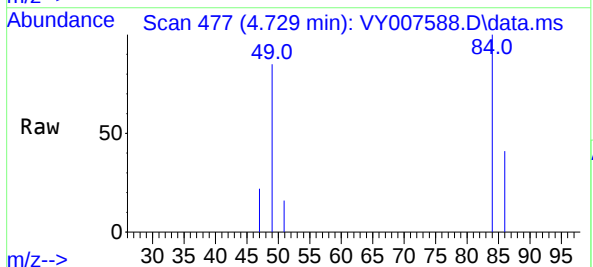


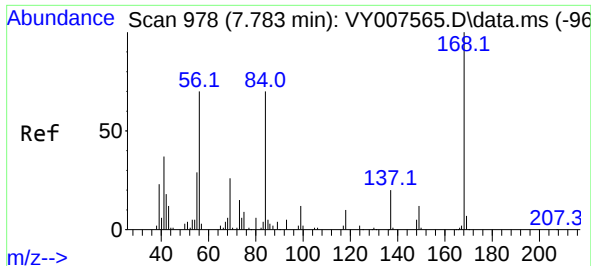
Tgt Ion:168 Resp: 60667
Ion Ratio Lower Upper
168 100
99 66.6 46.9 70.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY007588.D
Acq: 22 Feb 2022 17:41

Tgt Ion: 84 Resp: 1680
Ion Ratio Lower Upper
84 100
49 84.6 114.4 171.6#
51 16.4 35.3 52.9#
86 40.6 53.7 80.5#

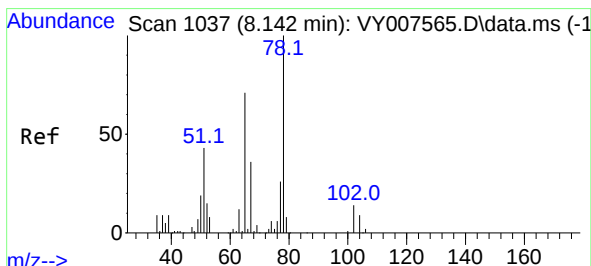
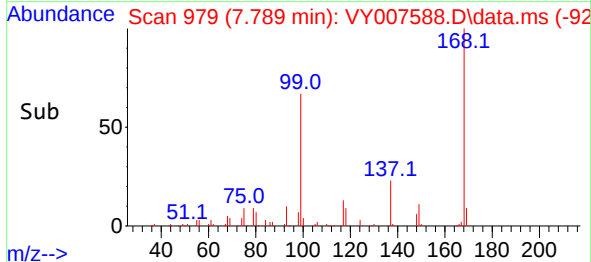
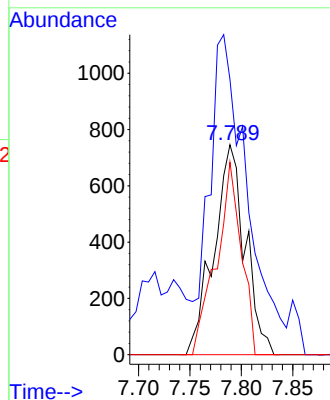
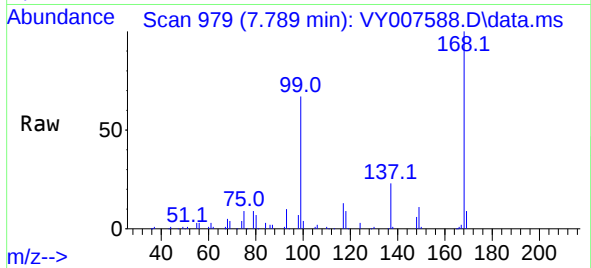




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007588.D
Acq: 22 Feb 2022 17:41

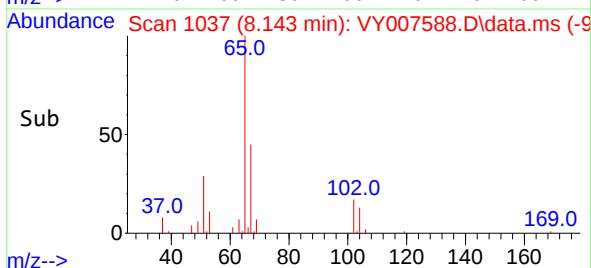
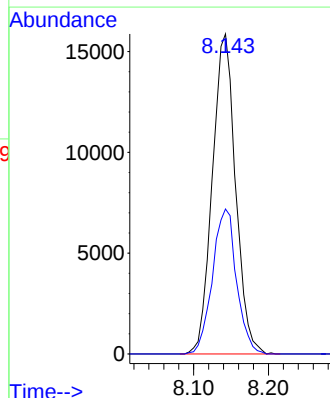
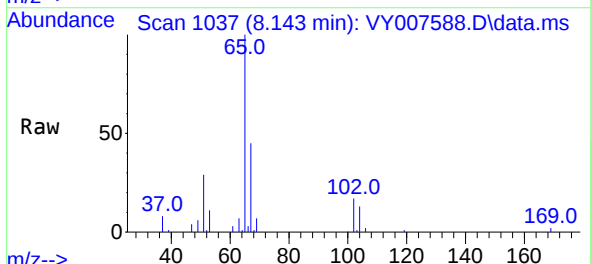
Instrument :
MSVOA_Y
ClientSampleId :
RO-124042

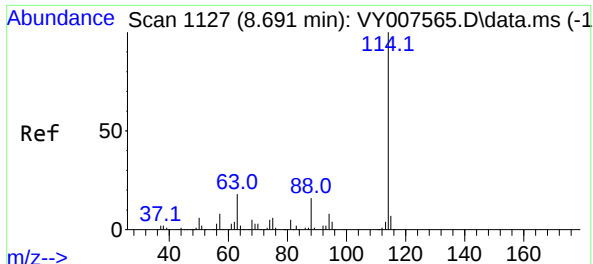
Tgt Ion: 56 Resp: 1583
Ion Ratio Lower Upper
56 100
69 113.7 26.7 40.1#
84 91.7 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 54.544 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY007588.D
Acq: 22 Feb 2022 17:41

Tgt Ion: 65 Resp: 34272
Ion Ratio Lower Upper
65 100
67 46.9 0.0 99.4

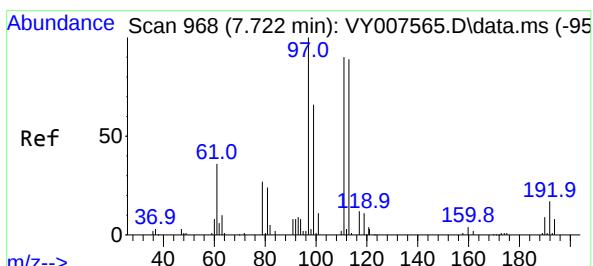
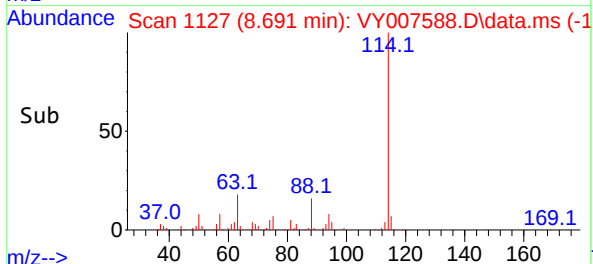
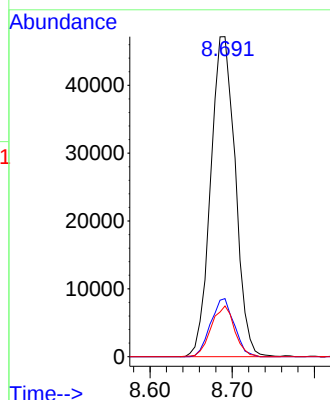
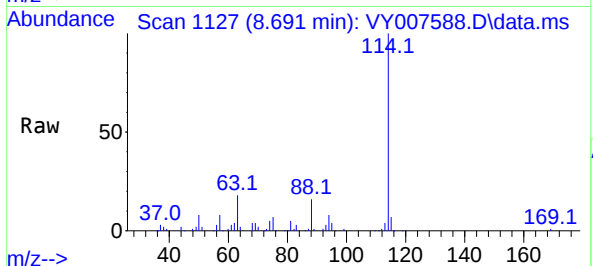




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007588.D
Acq: 22 Feb 2022 17:41

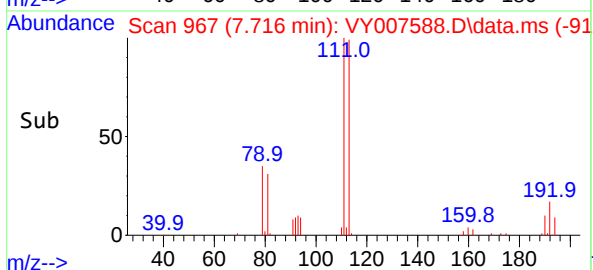
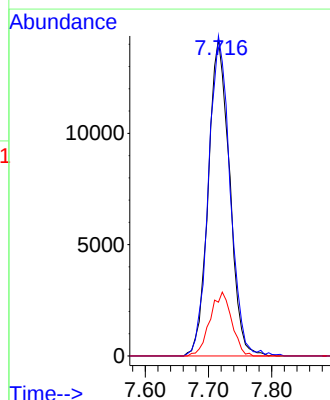
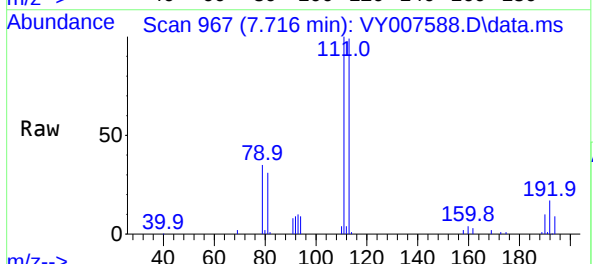
Instrument :
MSVOA_Y
ClientSampleId :
RO-124042

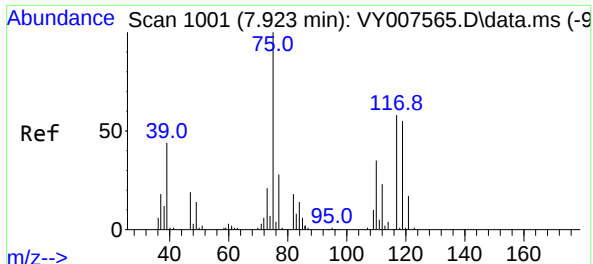
Tgt Ion:	114	Resp:	97968
Ion Ratio	Lower	Upper	
114	100		
63	18.1	0.0	43.2
88	15.9	0.0	31.8



#35
Dibromofluoromethane
Concen: 53.424 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY007588.D
Acq: 22 Feb 2022 17:41

Tgt Ion:	113	Resp:	33187
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.6	124.0
192	20.7	17.6	26.4

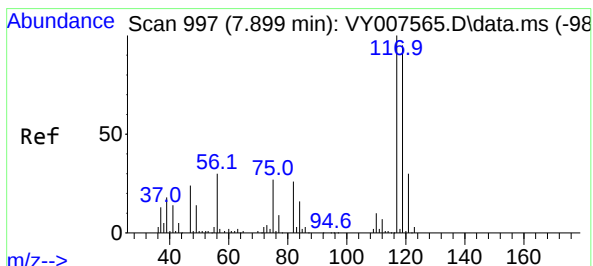
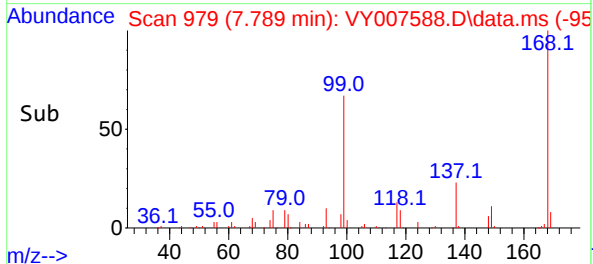
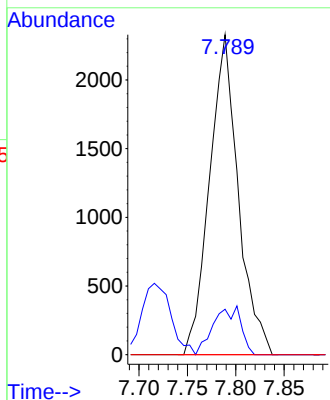
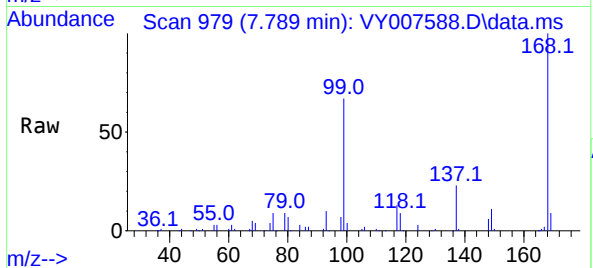




#36
1,1-Dichloropropene
Concen: 5.302 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY007588.D
Acq: 22 Feb 2022 17:41

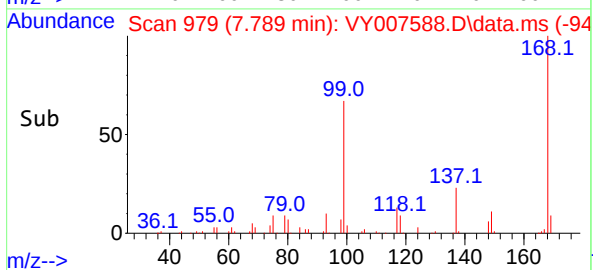
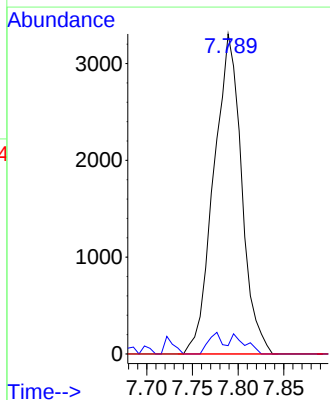
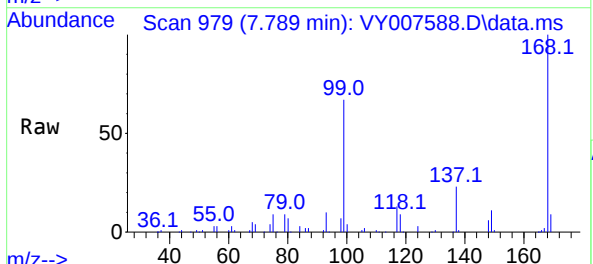
Instrument :
MSVOA_Y
ClientSampleId :
RO-124042

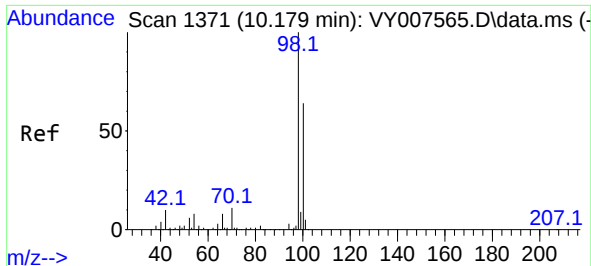
Tgt Ion: 75 Resp: 4813
Ion Ratio Lower Upper
75 100
110 14.4 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.723 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007588.D
Acq: 22 Feb 2022 17:41

Tgt Ion: 117 Resp: 6996
Ion Ratio Lower Upper
117 100
119 2.6 77.9 116.9#
121 0.0 24.8 37.2#

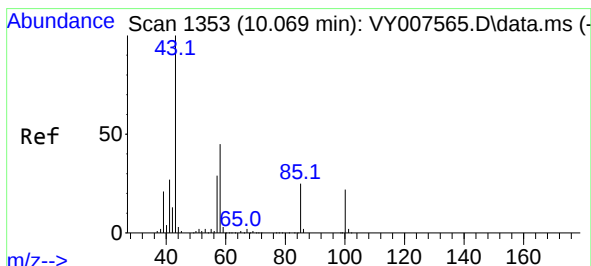
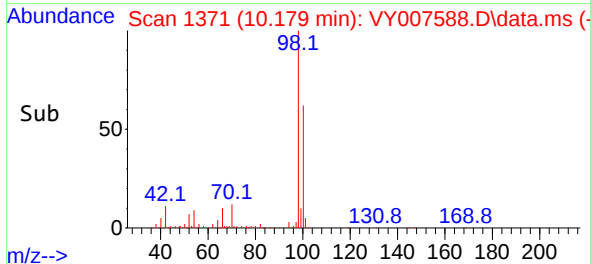
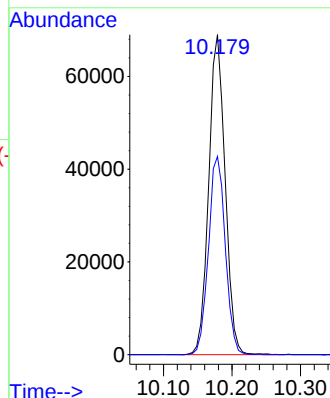
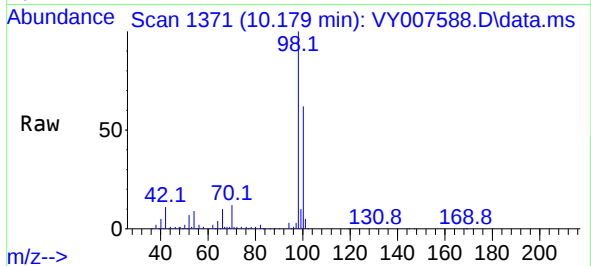




#50
Toluene-d8
Concen: 53.366 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007588.D
Acq: 22 Feb 2022 17:41

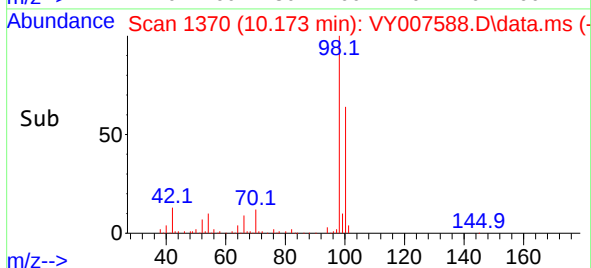
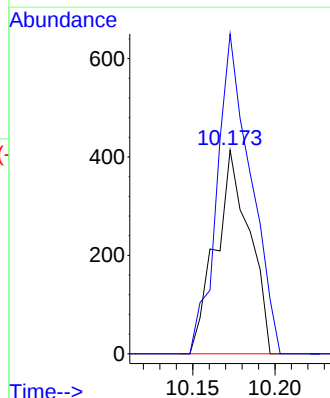
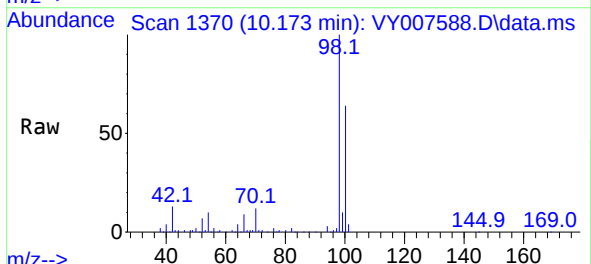
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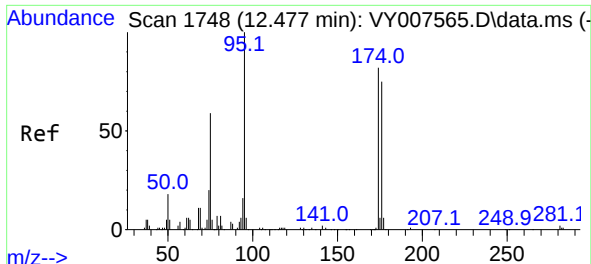
Tgt Ion: 98 Resp: 114944
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.566 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.104 min
Lab File: VY007588.D
Acq: 22 Feb 2022 17:41

Tgt Ion: 43 Resp: 593
Ion Ratio Lower Upper
43 100
58 156.7 28.1 42.1#

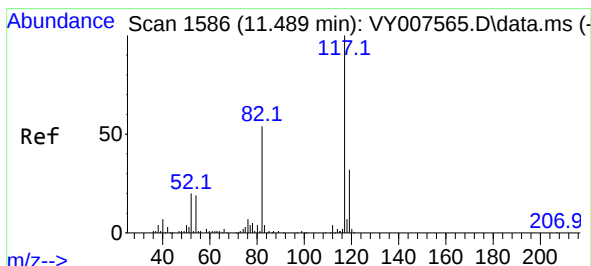
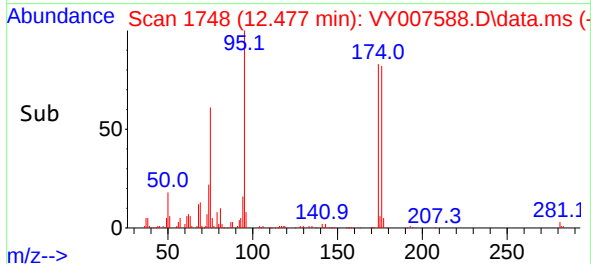
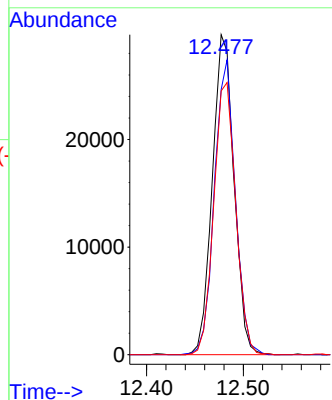
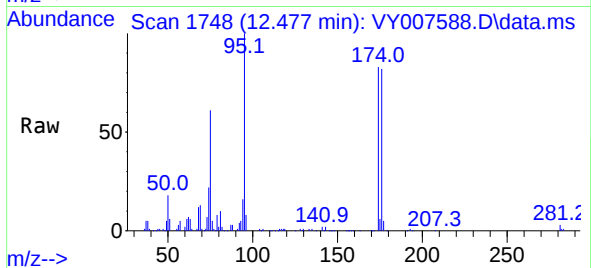




#62
4-Bromofluorobenzene
Concen: 59.329 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007588.D
Acq: 22 Feb 2022 17:41

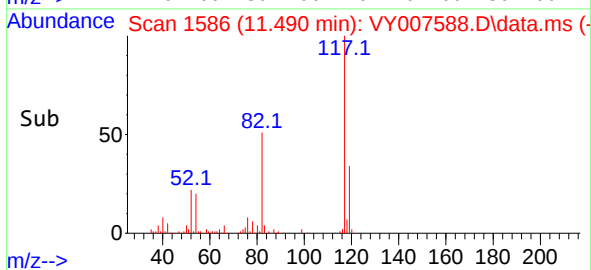
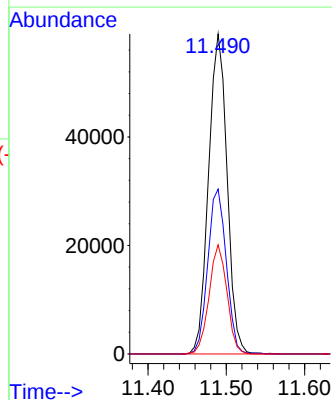
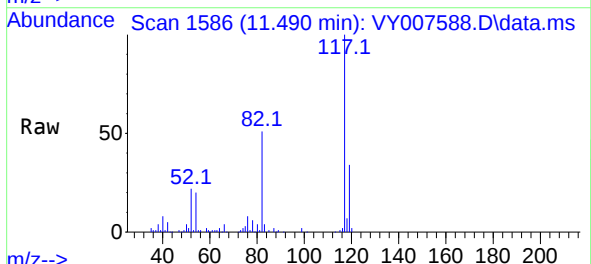
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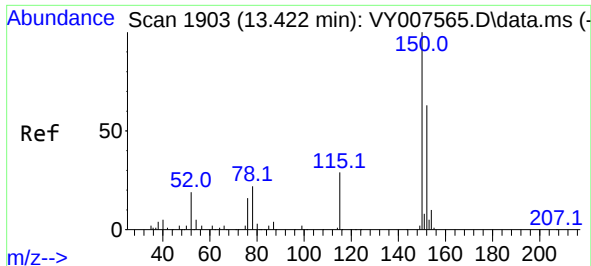
Tgt Ion:	95	Resp:	46270
Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	177.0
176	86.2	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007588.D
Acq: 22 Feb 2022 17:41

Tgt Ion:	117	Resp:	96841
Ion	Ratio	Lower	Upper
117	100		
82	51.5	43.0	64.4
119	34.1	25.4	38.0

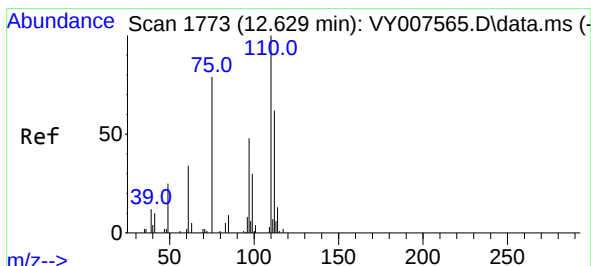
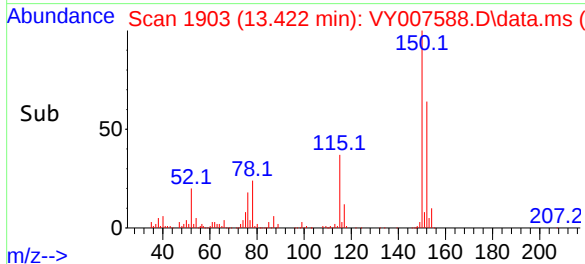
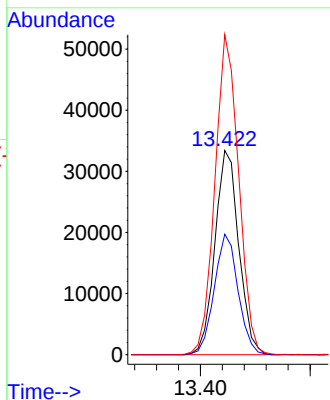
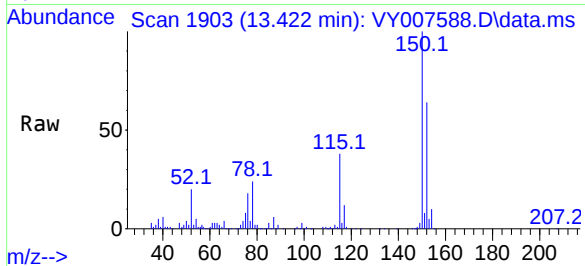




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007588.D
Acq: 22 Feb 2022 17:41

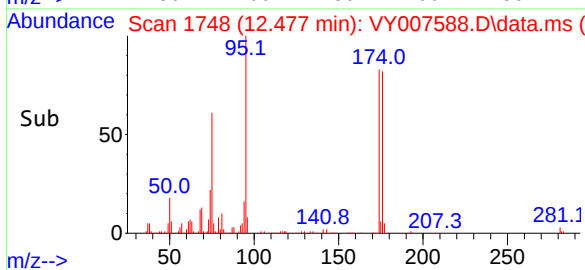
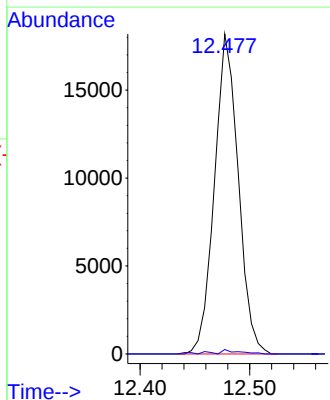
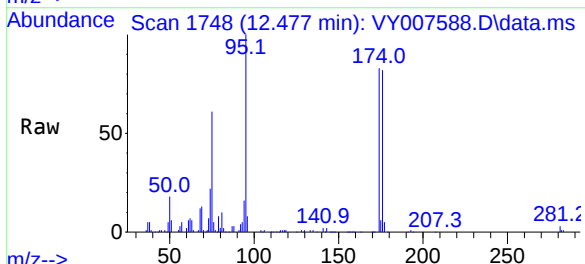
Instrument :
MSVOA_Y
ClientSampleId :
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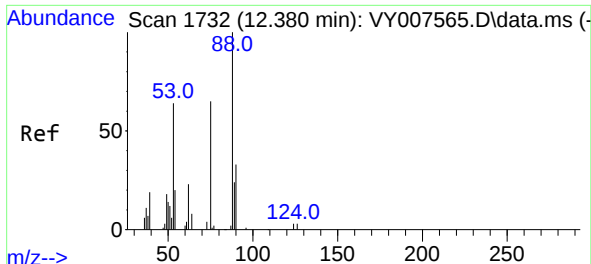
Tgt Ion:152 Resp: 50541
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 156.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 46.409 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY007588.D
Acq: 22 Feb 2022 17:41

Tgt Ion: 75 Resp: 27456
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

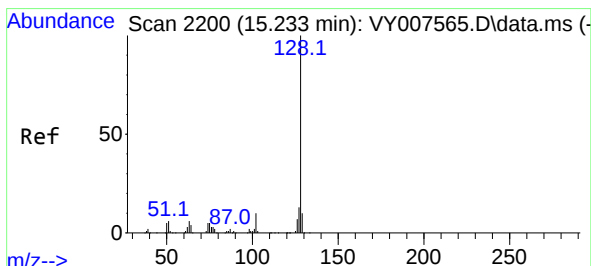
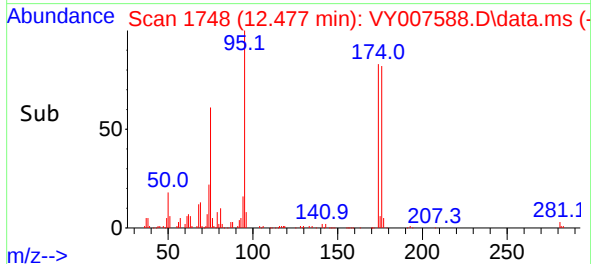
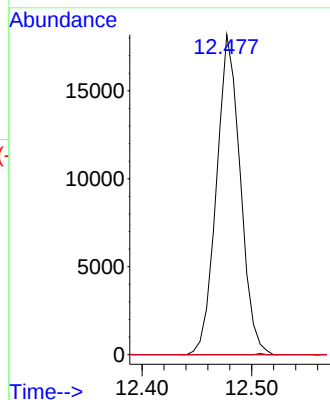
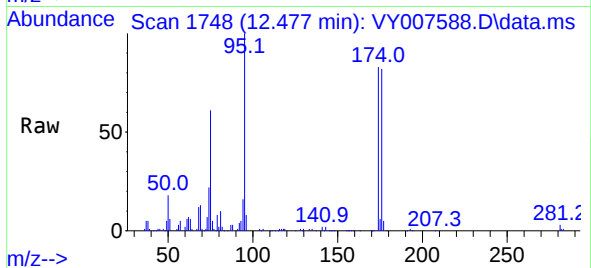




#81
trans-1,4-Dichloro-2-butene
Concen: 113.737 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY007588.D
Acq: 22 Feb 2022 17:41

Instrument :
MSVOA_Y
ClientSampleId :
RO-124042

Tgt Ion: 75 Resp: 27456
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 1.484 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY007588.D
Acq: 22 Feb 2022 17:41

Tgt Ion:128 Resp: 3239
Ion Ratio Lower Upper
128 100
127 17.2 11.0 16.4#
129 14.9 8.4 12.6#

