

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012391.D
 Acq On : 30 Jan 2023 12:40
 Operator : KP/MD
 Sample : 01329-24
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jan 31 01:47:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

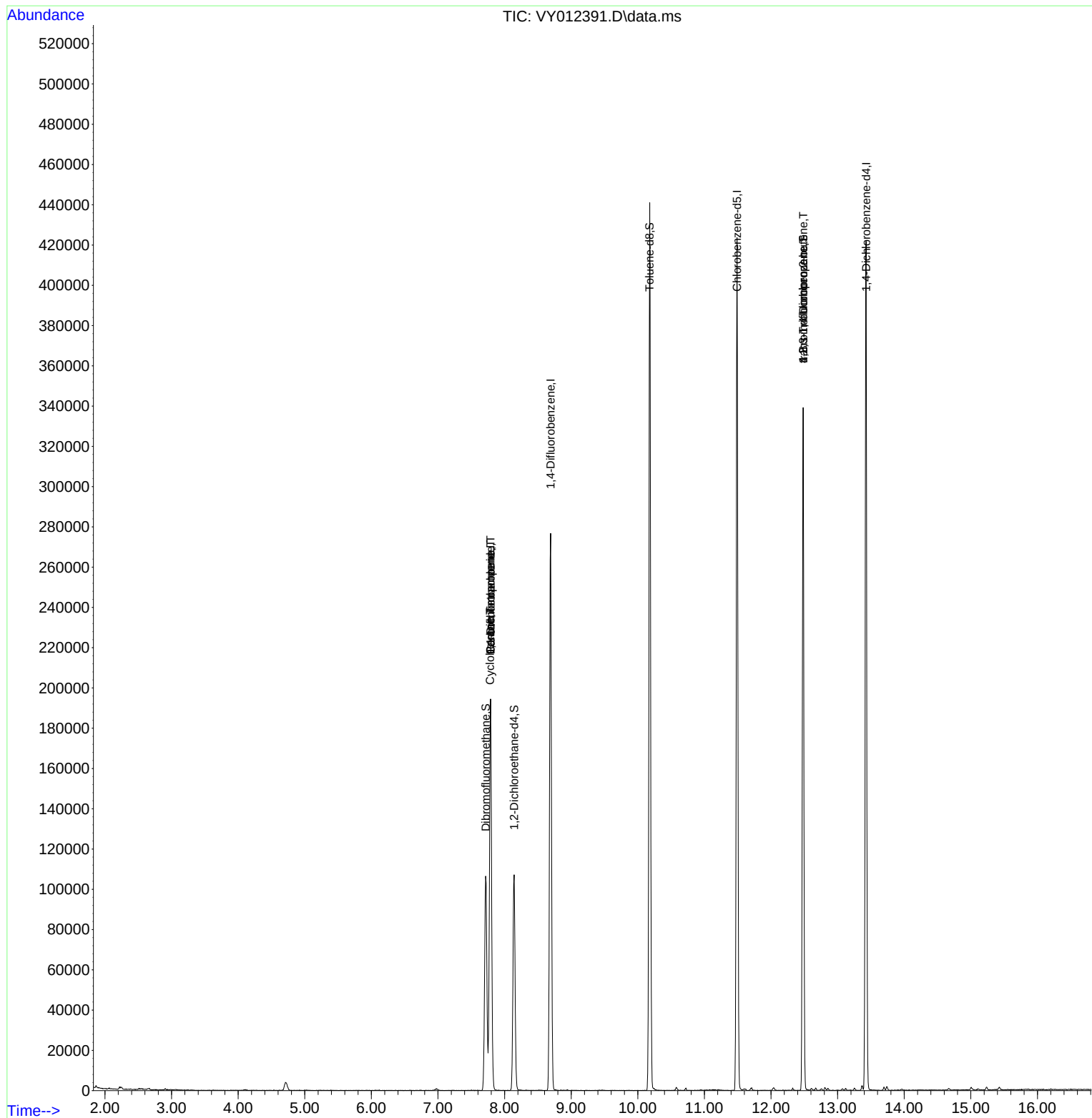
Internal Standards						
1) Pentafluorobenzene	7.789	168	150939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	245593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	238137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	92760	76.203	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 152.400%	
35) Dibromofluoromethane	7.715	113	72079	55.428	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.860%	
50) Toluene-d8	10.178	98	289310	65.558	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 131.120%	
62) 4-Bromofluorobenzene	12.483	95	98304	53.625	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.240%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	3601	Below Cal	#	79
31) Cyclohexane	7.783	56	2825	1.284	ug/l #	37
36) 1,1-Dichloropropene	7.789	75	10063	4.553	ug/l #	51
38) Carbon Tetrachloride	7.789	117	14724	5.158	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	53207	51.158	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53207	105.408	ug/l #	13

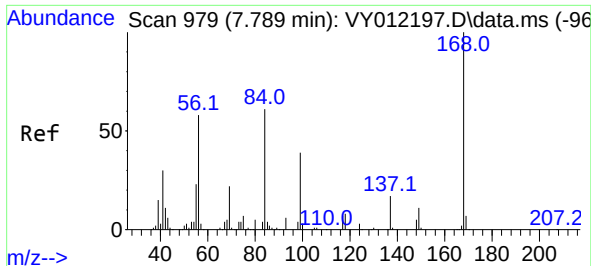
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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TRIP-BLANK

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

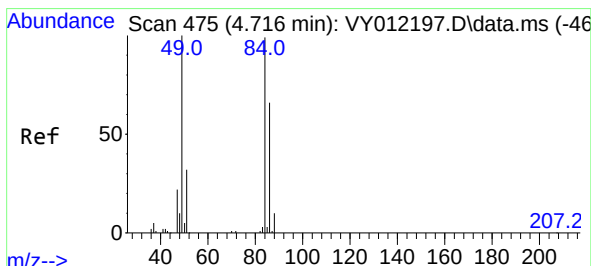
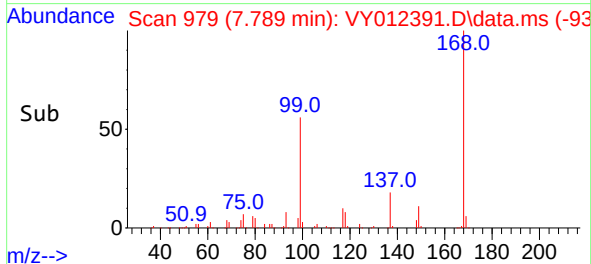
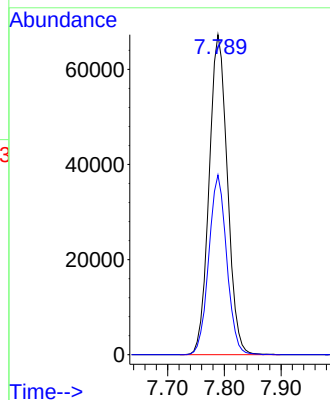
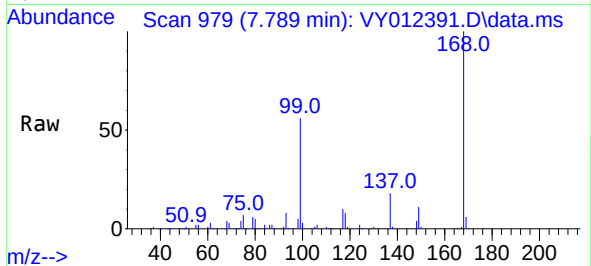




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012391.D
Acq: 30 Jan 2023 12:40

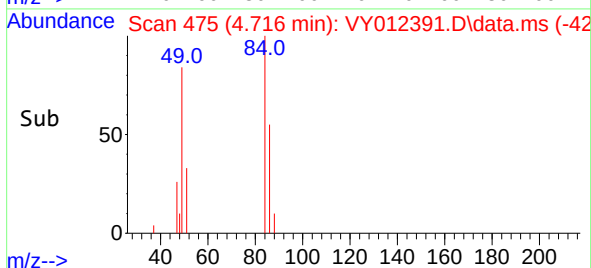
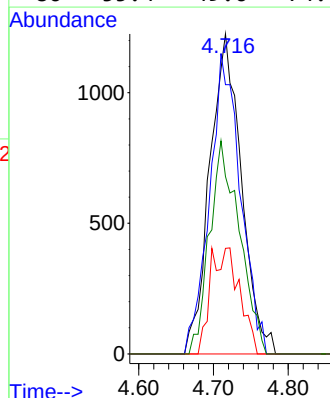
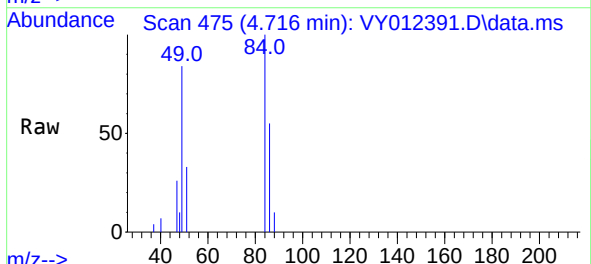
Instrument :
MSVOA_Y
ClientSampleId :
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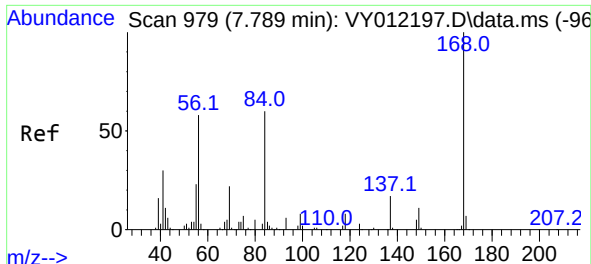
Tgt Ion:168 Resp: 150939
Ion Ratio Lower Upper
168 100
99 56.2 44.0 66.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012391.D
Acq: 30 Jan 2023 12:40

Tgt Ion: 84 Resp: 3601
Ion Ratio Lower Upper
84 100
49 84.2 95.4 143.2#
51 33.0 29.9 44.9
86 55.4 49.6 74.4

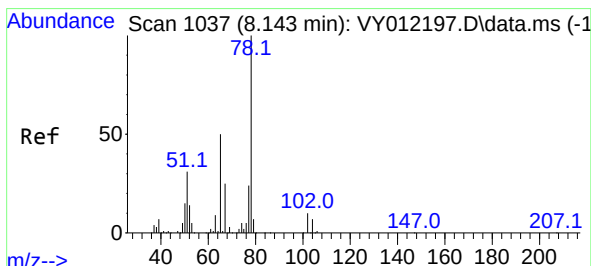
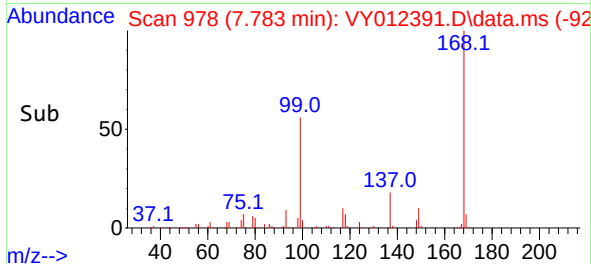
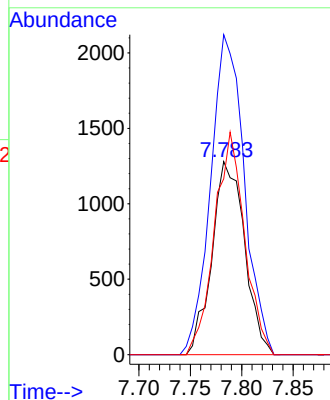
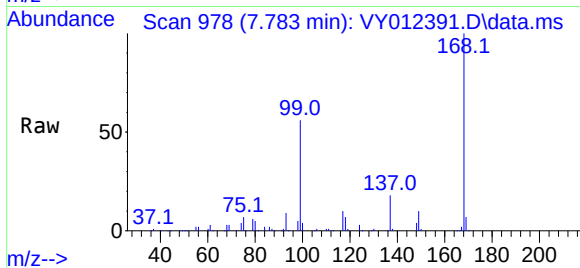




#31
Cyclohexane
Concen: 1.284 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012391.D
Acq: 30 Jan 2023 12:40

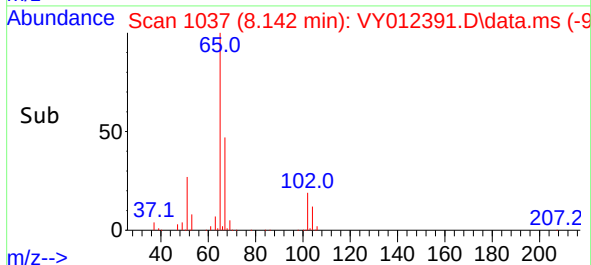
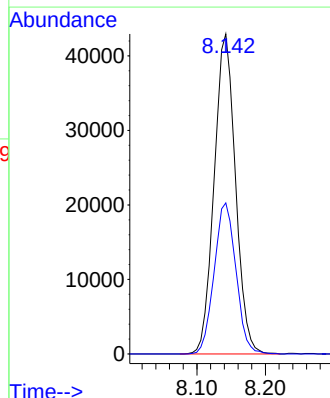
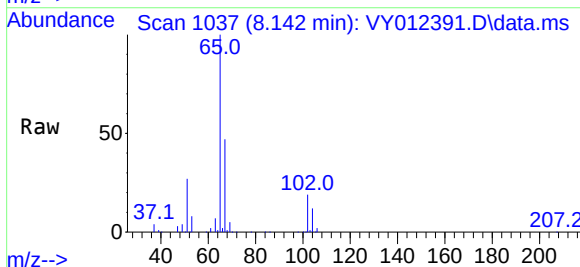
Instrument :
MSVOA_Y
ClientSampleId :
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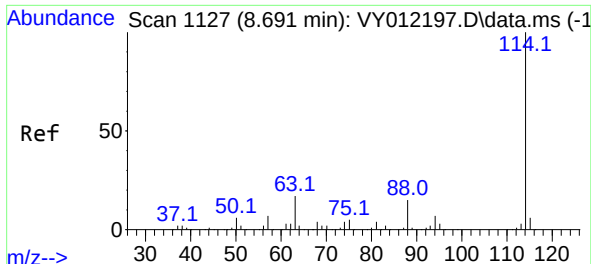
Tgt Ion: 56 Resp: 2825
Ion Ratio Lower Upper
56 100
69 165.7 29.2 43.8#
84 91.0 72.6 108.8



#33
1,2-Dichloroethane-d4
Concen: 76.203 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012391.D
Acq: 30 Jan 2023 12:40

Tgt Ion: 65 Resp: 92760
Ion Ratio Lower Upper
65 100
67 48.2 0.0 103.2

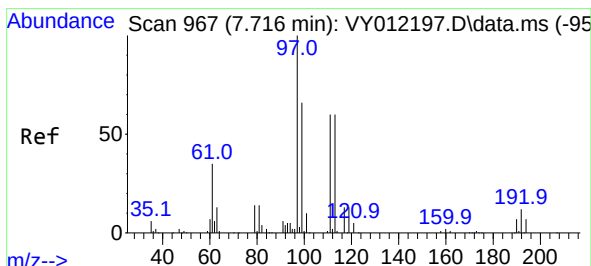
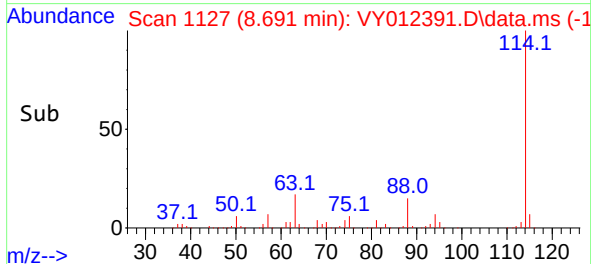
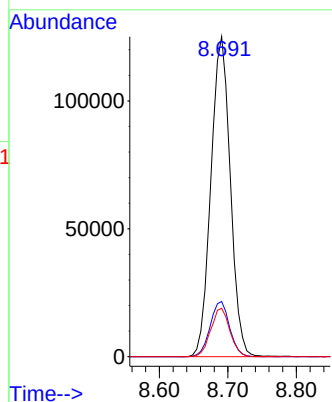
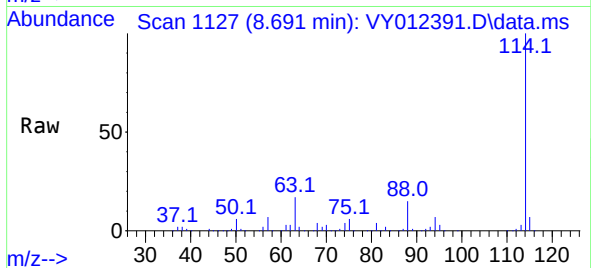




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012391.D
Acq: 30 Jan 2023 12:40

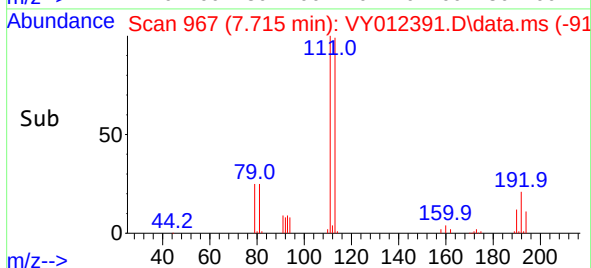
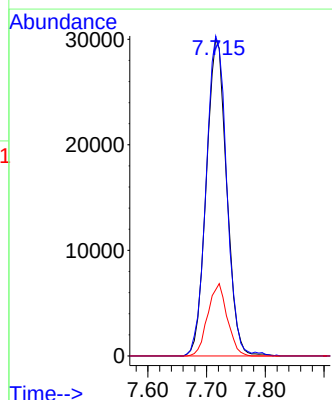
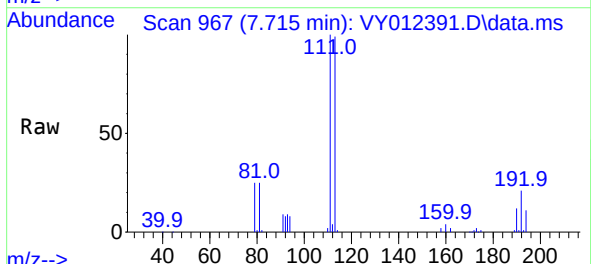
Instrument :
MSVOA_Y
ClientSampleId :
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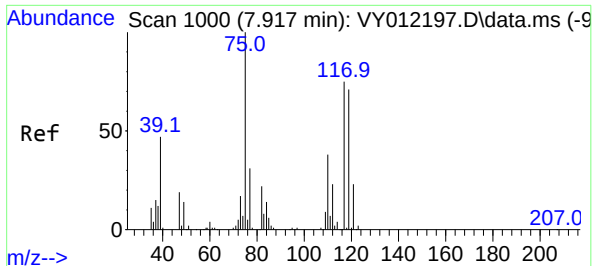
Tgt Ion:114 Resp: 245593
Ion Ratio Lower Upper
114 100
63 17.2 0.0 39.6
88 15.1 0.0 32.2



#35
Dibromofluoromethane
Concen: 55.428 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.001 min
Lab File: VY012391.D
Acq: 30 Jan 2023 12:40

Tgt Ion:113 Resp: 72079
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.4
192 21.9 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.553 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012391.D

Acq: 30 Jan 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

TRIP-BLANK

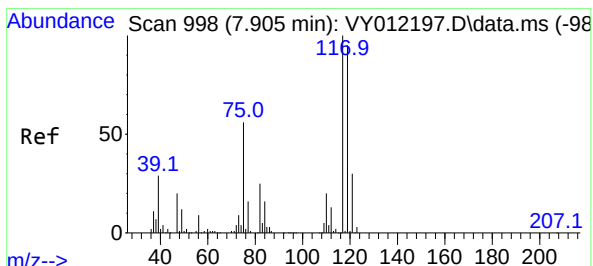
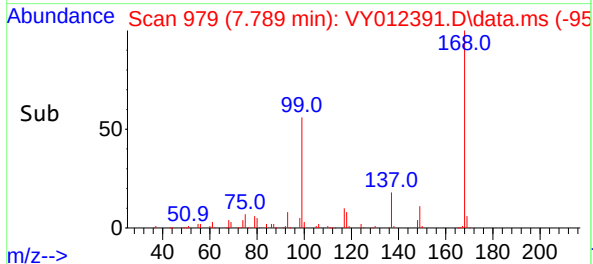
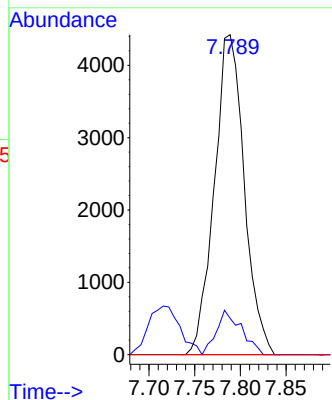
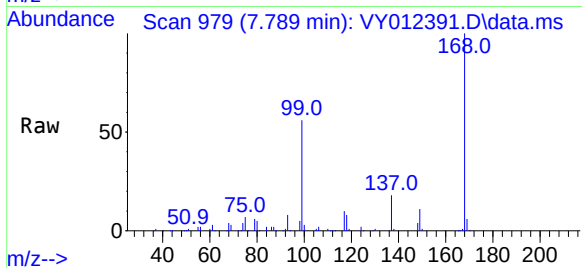
Tgt Ion: 75 Resp: 10063

Ion Ratio Lower Upper

75 100

110 11.6 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.158 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012391.D

Acq: 30 Jan 2023 12:40

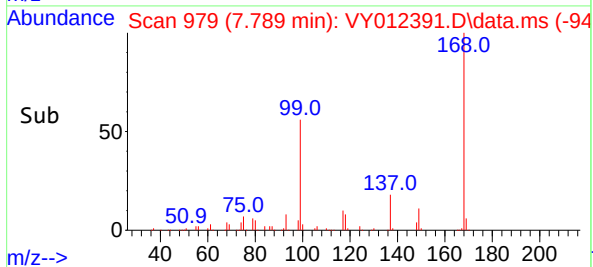
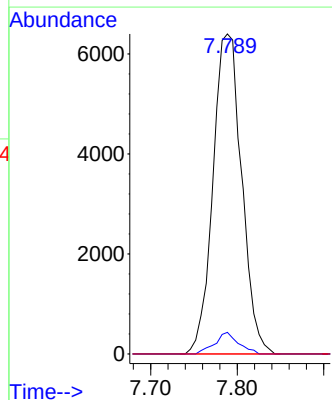
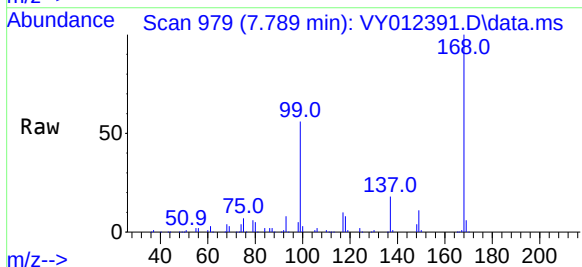
Tgt Ion: 117 Resp: 14724

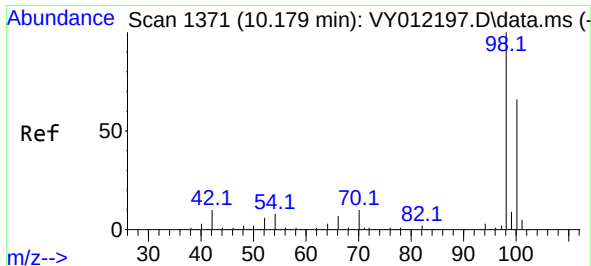
Ion Ratio Lower Upper

117 100

119 6.8 73.8 110.8#

121 0.0 25.2 37.8#

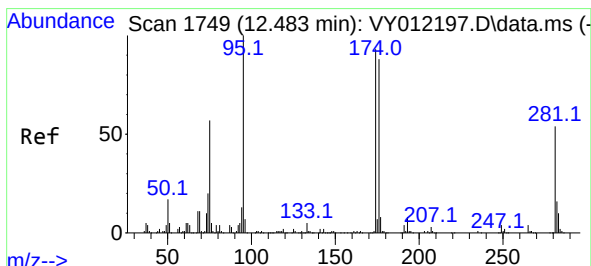
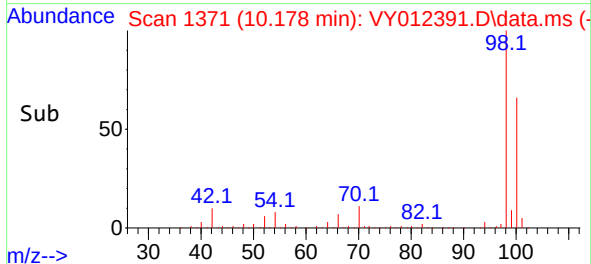
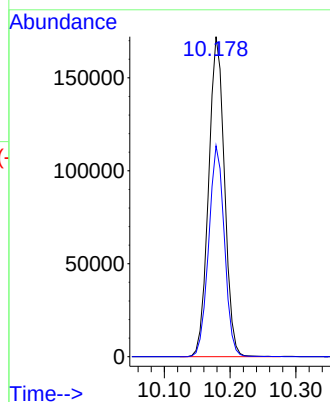
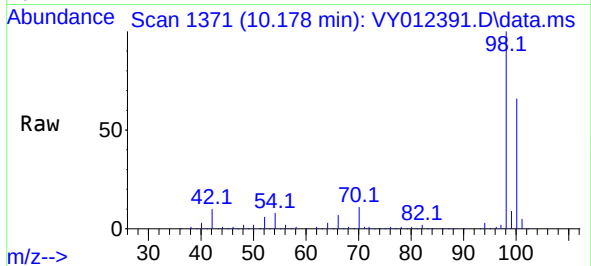




#50
Toluene-d8
Concen: 65.558 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012391.D
Acq: 30 Jan 2023 12:40

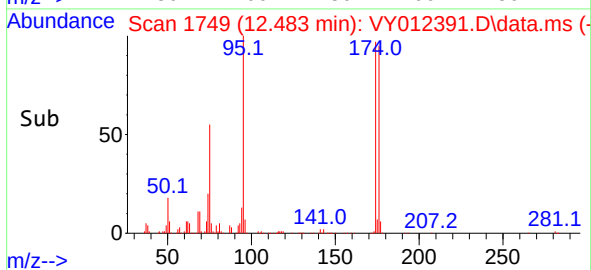
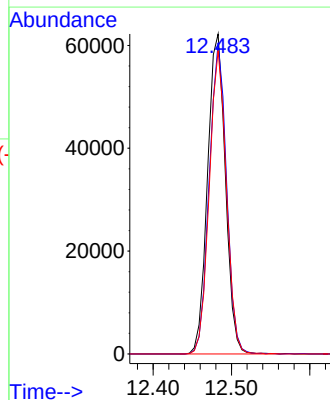
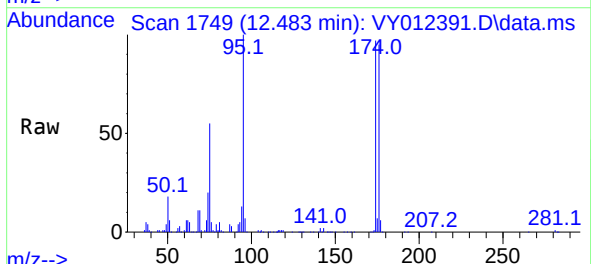
Instrument :
MSVOA_Y
ClientSampleId :
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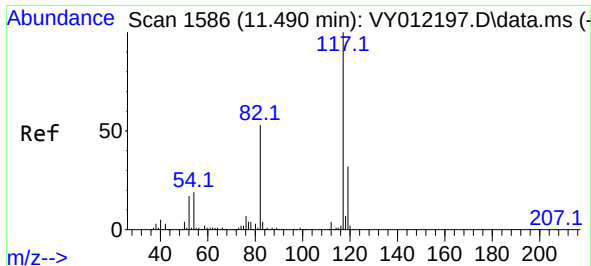
Tgt Ion: 98 Resp: 289310
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.625 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012391.D
Acq: 30 Jan 2023 12:40

Tgt Ion: 95 Resp: 98304
Ion Ratio Lower Upper
95 100
174 94.2 0.0 172.0
176 91.1 0.0 167.6

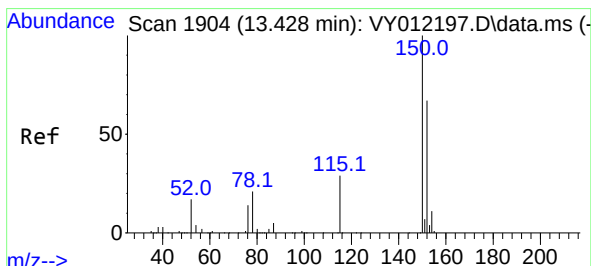
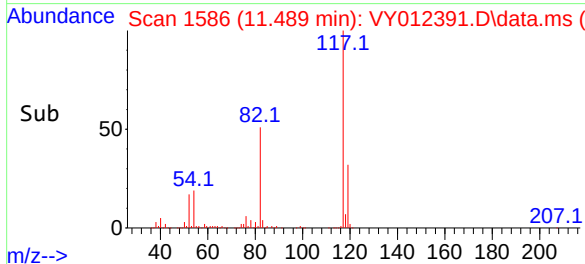
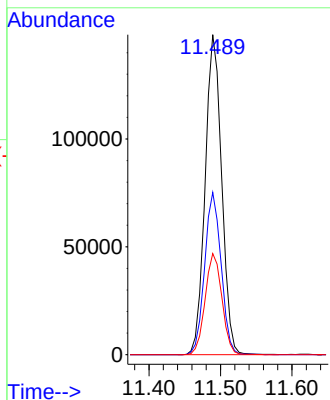
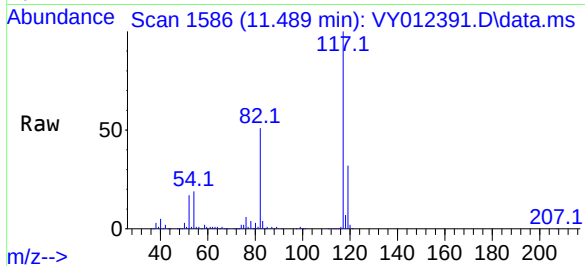




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012391.D
Acq: 30 Jan 2023 12:40

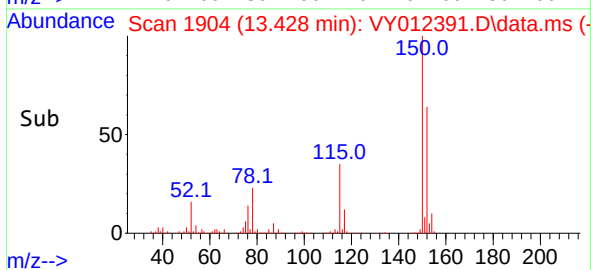
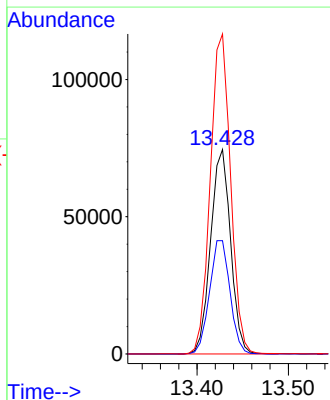
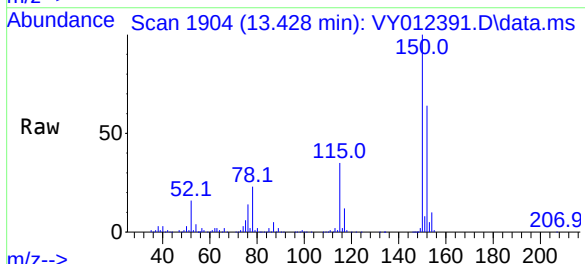
Instrument :
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ClientSampleId :
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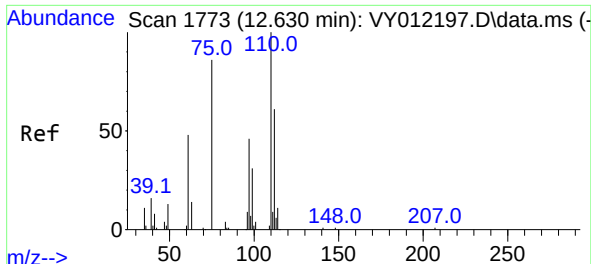
Tgt Ion:117 Resp: 238137
Ion Ratio Lower Upper
117 100
82 50.7 44.8 67.2
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012391.D
Acq: 30 Jan 2023 12:40

Tgt Ion:152 Resp: 113106
Ion Ratio Lower Upper
152 100
115 56.8 29.1 87.3
150 158.7 0.0 342.6

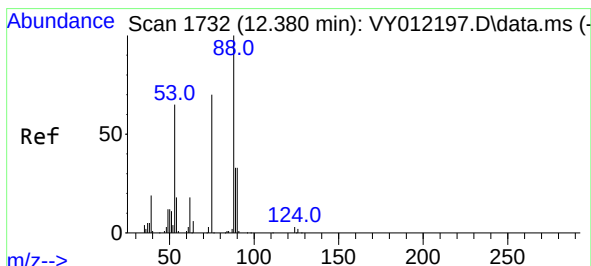
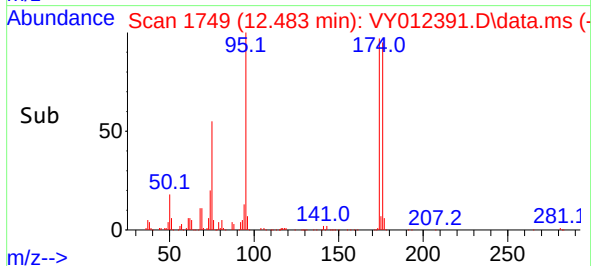
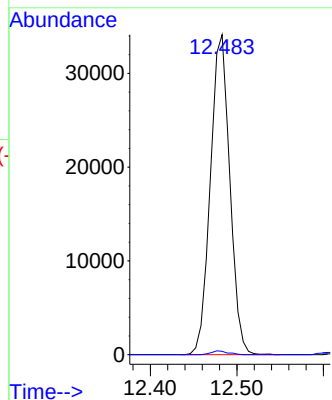
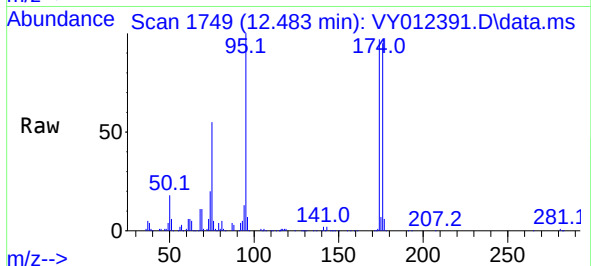




#76
1,2,3-Trichloropropane
Concen: 51.158 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012391.D
Acq: 30 Jan 2023 12:40

Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 53207
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.408 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012391.D
Acq: 30 Jan 2023 12:40

Tgt Ion: 75 Resp: 53207
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

