

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009022.D
 Acq On : 23 May 2022 22:06
 Operator : KP/MD
 Sample : VY0523SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBL02

Quant Time: May 24 01:52:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

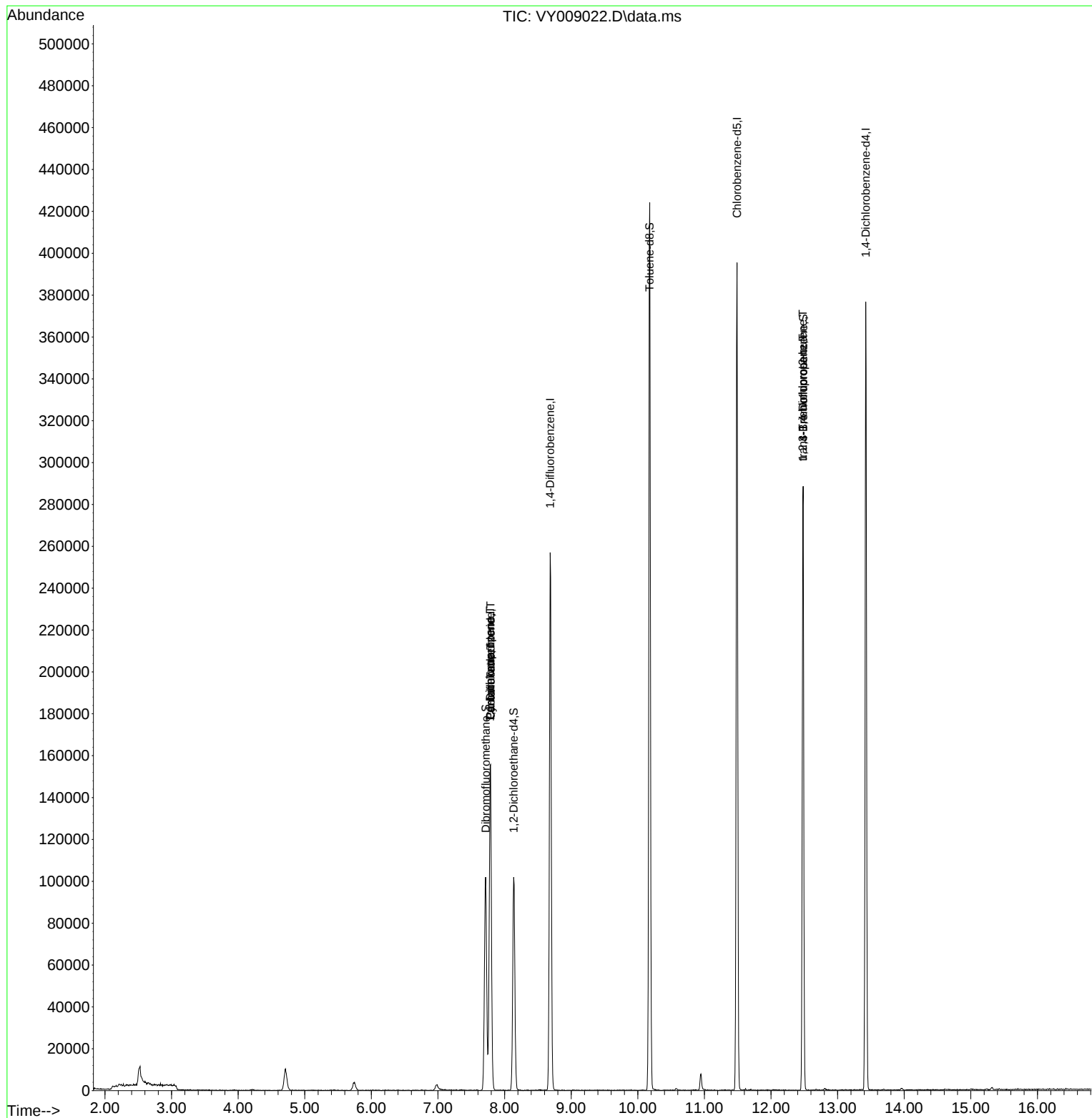
Internal Standards						
1) Pentafluorobenzene	7.789	168	119387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	215939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	202340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76678	62.405	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.820%			
35) Dibromofluoromethane	7.716	113	68370	50.916	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.840%			
50) Toluene-d8	10.179	98	272271	54.962	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.920%			
62) 4-Bromofluorobenzene	12.483	95	78365	39.216	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 78.440%			
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	7539	Below Cal		91
31) Cyclohexane	7.789	56	2913	1.212 ug/l #		15
36) 1,1-Dichloropropene	7.783	75	9673	4.233 ug/l #		52
38) Carbon Tetrachloride	7.789	117	12050	5.041 ug/l #		14
76) 1,2,3-Trichloropropane	12.477	75	44482	46.497 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.477	75	44482	95.436 ug/l #		7

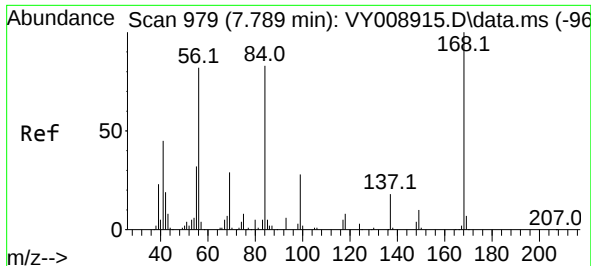
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 24 01:52:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

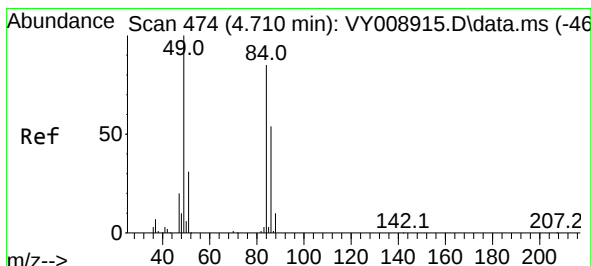
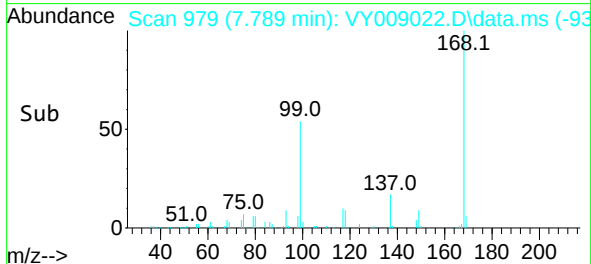
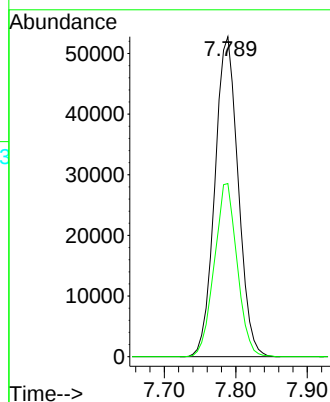
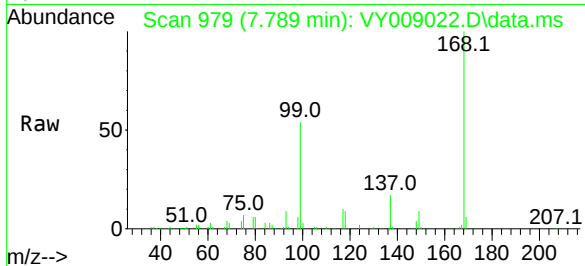




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009022.D
Acq: 23 May 2022 22:06

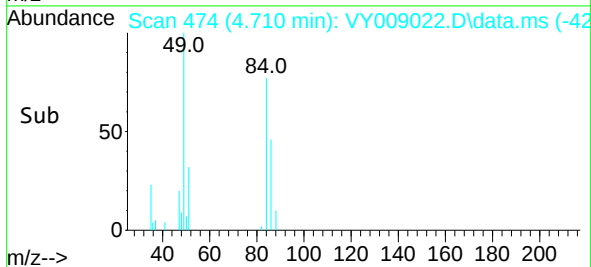
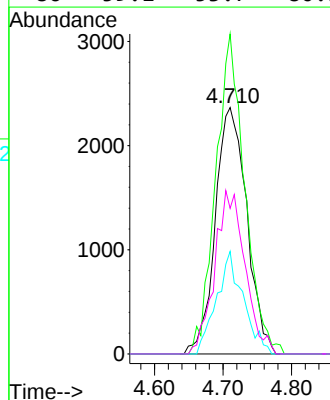
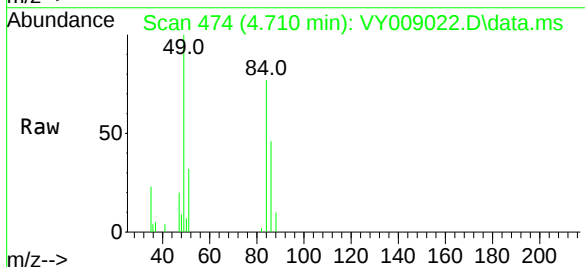
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBL02

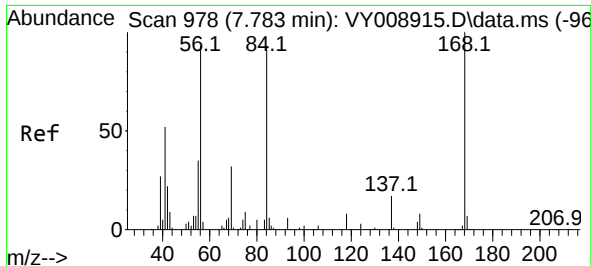
Tgt Ion:168 Resp: 119387
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009022.D
Acq: 23 May 2022 22:06

Tgt Ion: 84 Resp: 7539
Ion Ratio Lower Upper
84 100
49 129.8 114.4 171.6
51 41.6 35.3 52.9
86 59.1 53.7 80.5

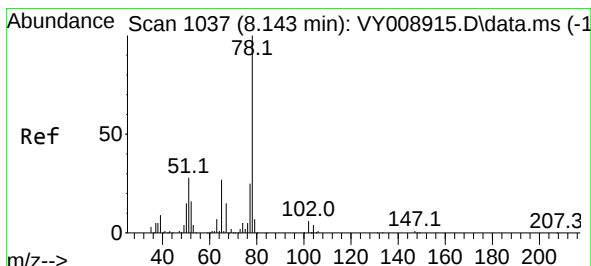
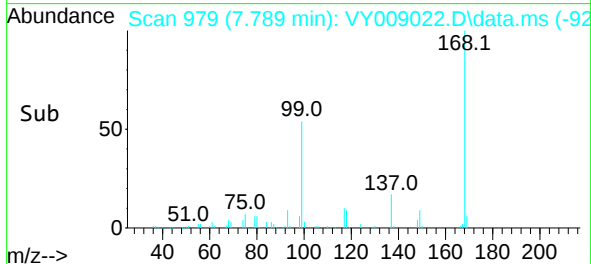
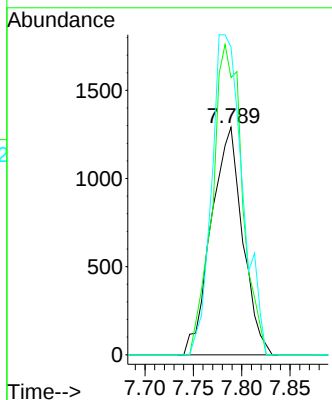
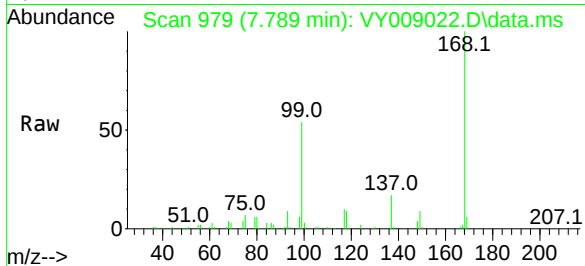




#31
Cyclohexane
Concen: 1.212 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009022.D
Acq: 23 May 2022 22:06

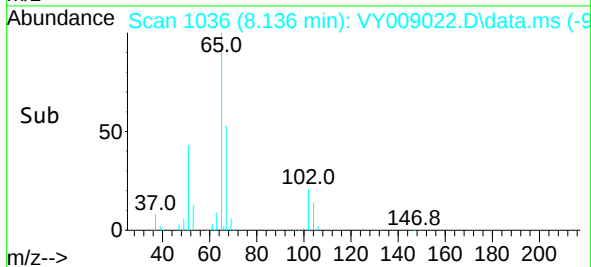
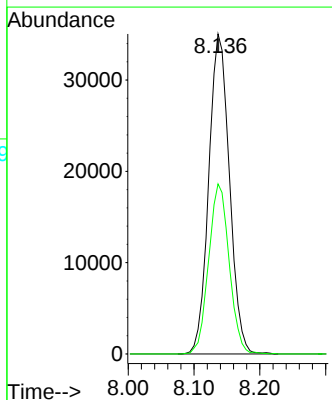
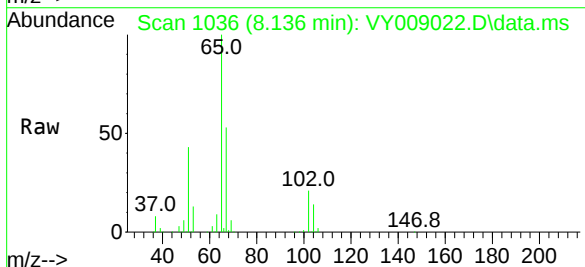
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBL02

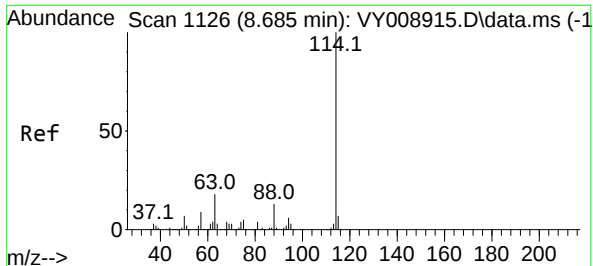
Tgt Ion: 56 Resp: 2913
Ion Ratio Lower Upper
56 100
69 121.9 26.7 40.1#
84 135.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.405 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009022.D
Acq: 23 May 2022 22:06

Tgt Ion: 65 Resp: 76678
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009022.D

Acq: 23 May 2022 22:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBL02

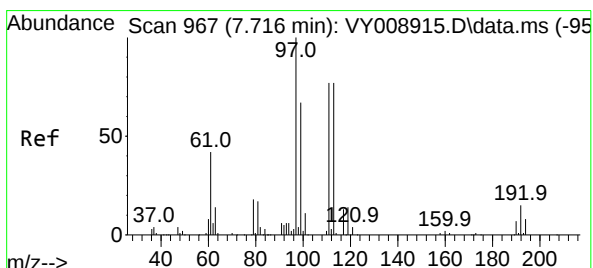
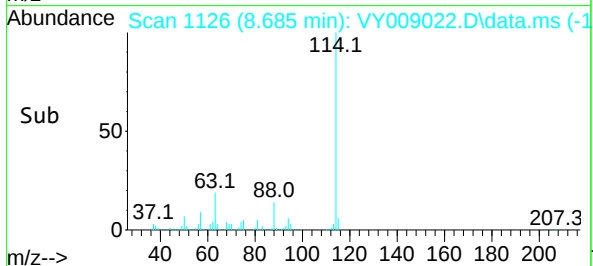
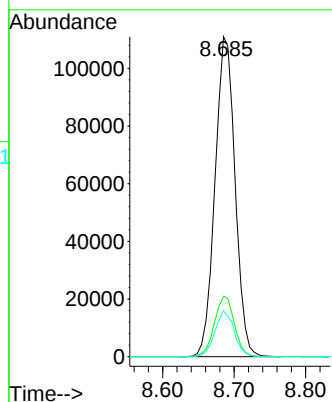
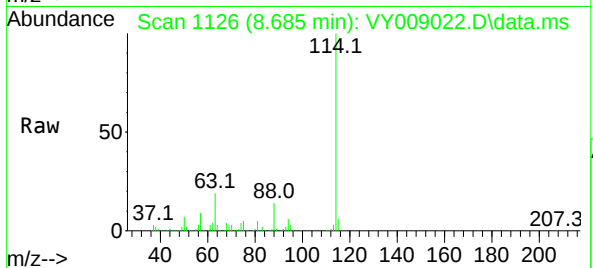
Tgt Ion:114 Resp: 215939

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.916 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009022.D

Acq: 23 May 2022 22:06

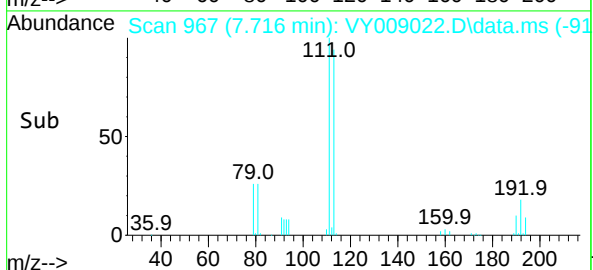
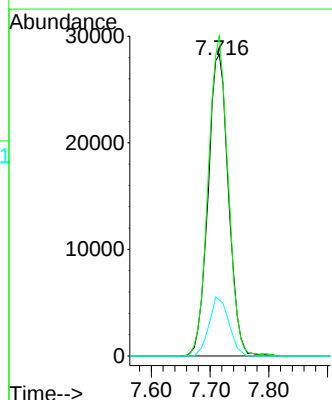
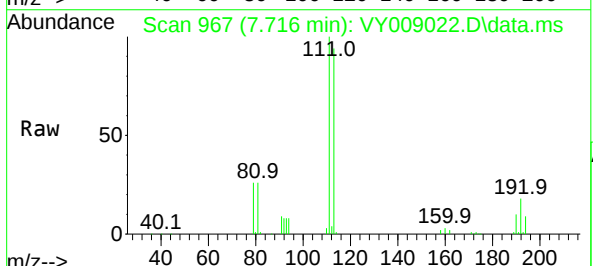
Tgt Ion:113 Resp: 68370

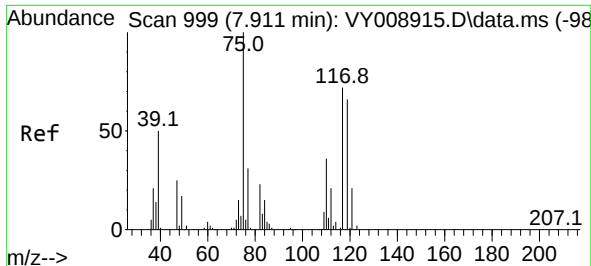
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 18.8 17.6 26.4

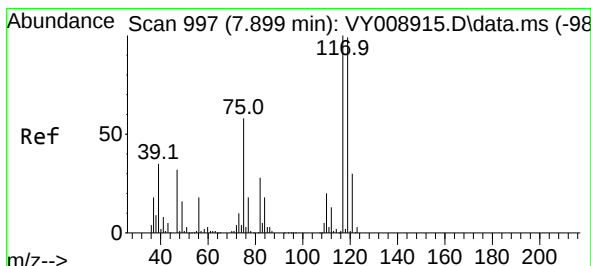
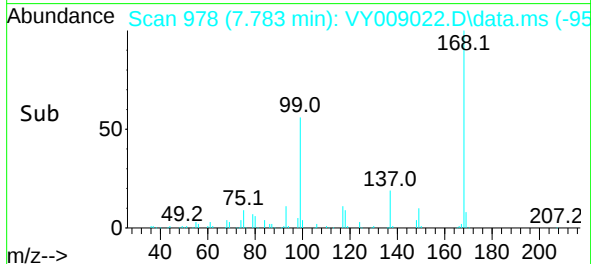
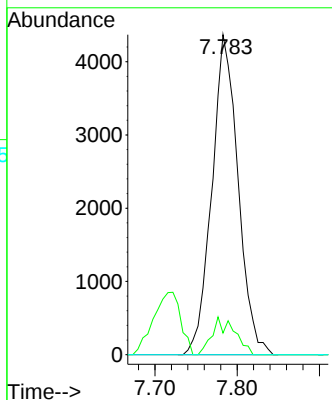
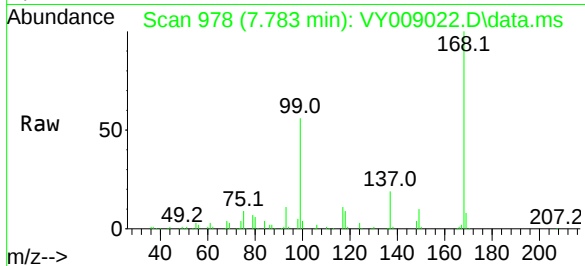




#36
1,1-Dichloropropene
Concen: 4.233 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009022.D
Acq: 23 May 2022 22:06

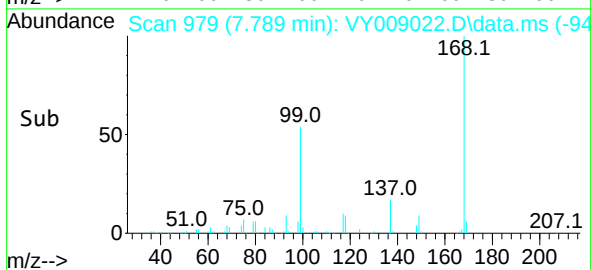
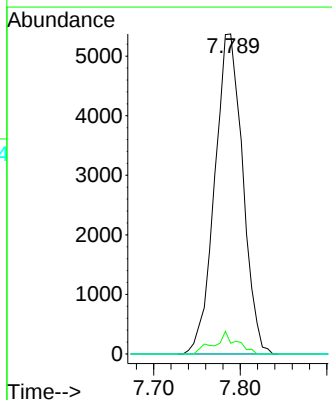
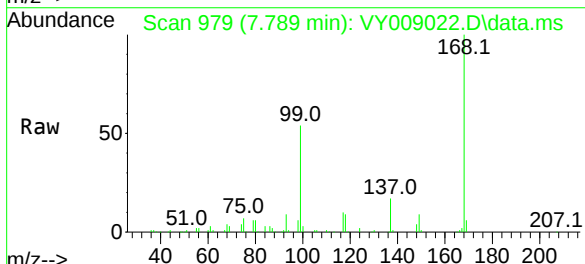
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MSVOA_Y
ClientSampleId :
VY0523SBL02

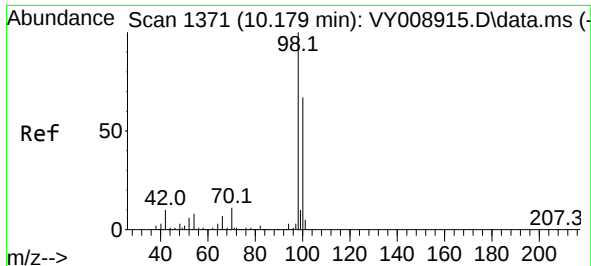
Tgt Ion: 75 Resp: 9673
Ion Ratio Lower Upper
75 100
110 10.1 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.041 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY009022.D
Acq: 23 May 2022 22:06

Tgt Ion: 117 Resp: 12050
Ion Ratio Lower Upper
117 100
119 3.4 77.9 116.9#
121 0.0 24.8 37.2#

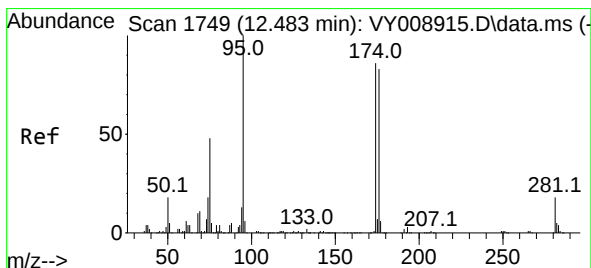
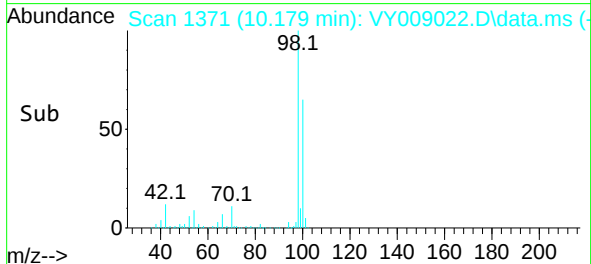
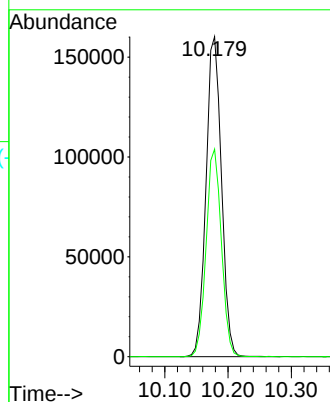
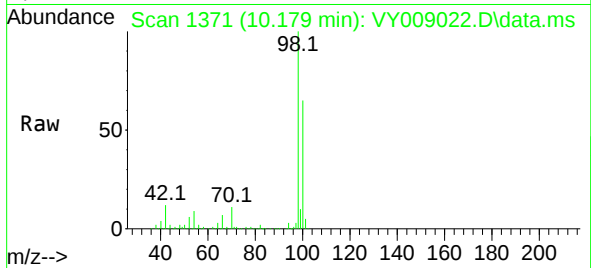




#50
Toluene-d8
Concen: 54.962 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009022.D
Acq: 23 May 2022 22:06

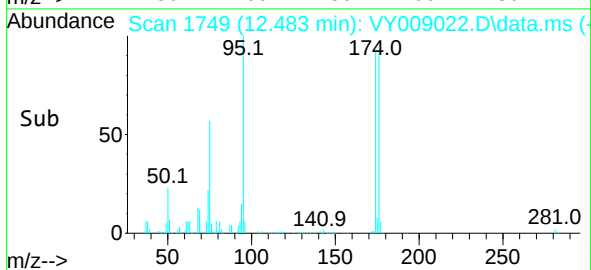
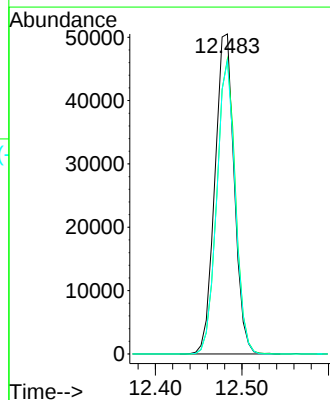
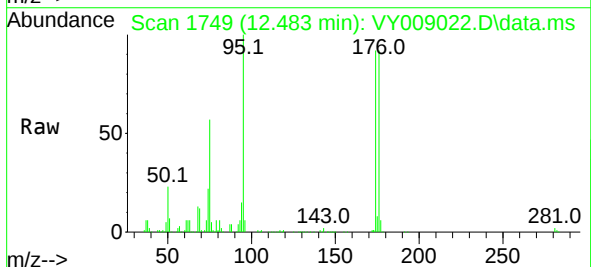
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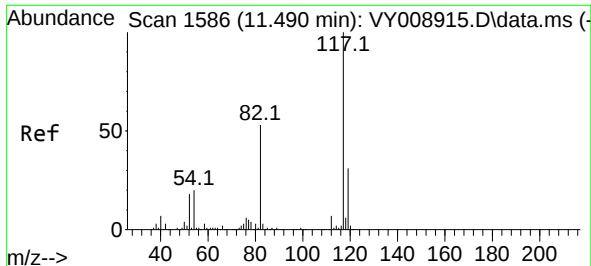
Tgt Ion: 98 Resp: 272271
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.216 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009022.D
Acq: 23 May 2022 22:06

Tgt Ion: 95 Resp: 78365
Ion Ratio Lower Upper
95 100
174 88.7 0.0 177.0
176 87.3 0.0 175.8

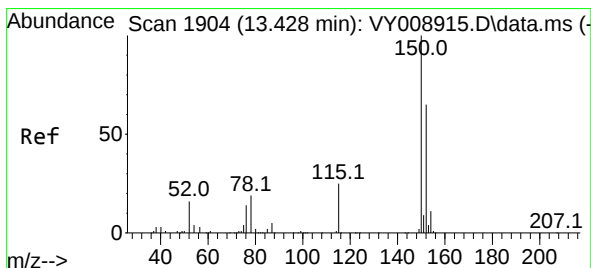
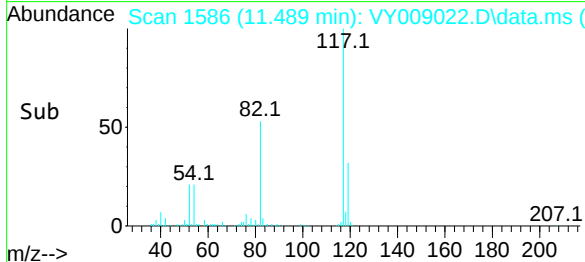
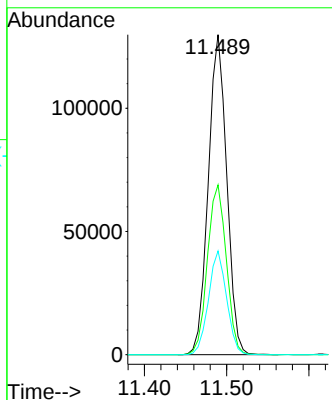
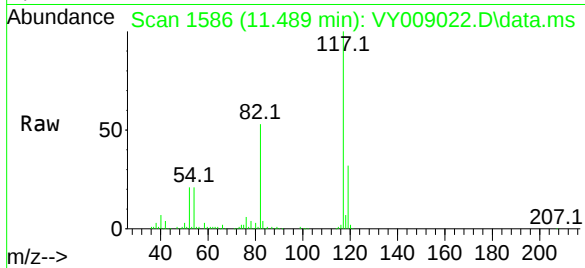




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009022.D
Acq: 23 May 2022 22:06

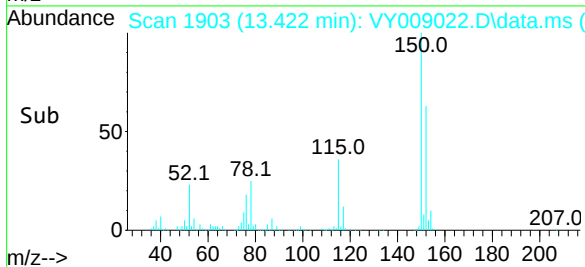
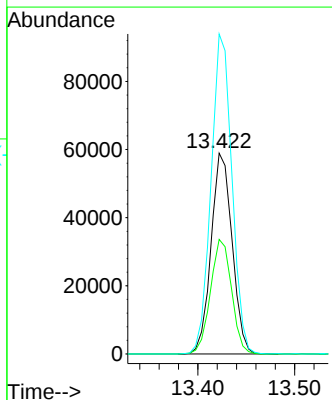
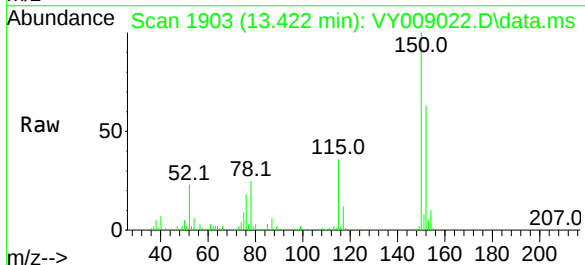
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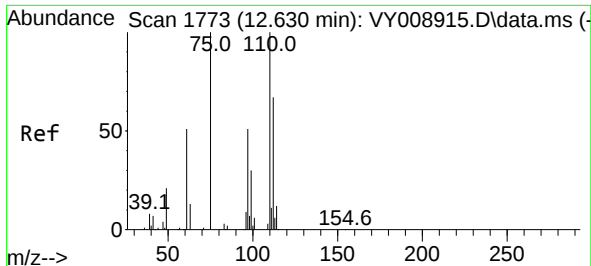
Tgt Ion:117 Resp: 202340
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009022.D
Acq: 23 May 2022 22:06

Tgt Ion:152 Resp: 89084
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 157.9 0.0 347.6

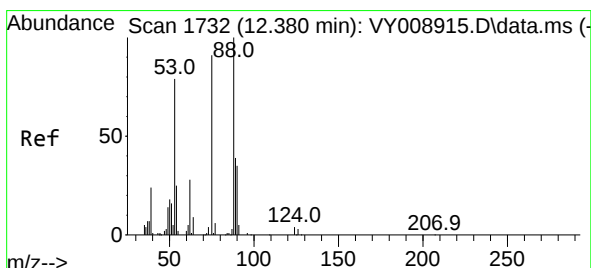
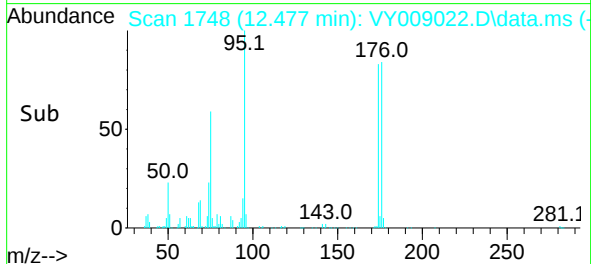
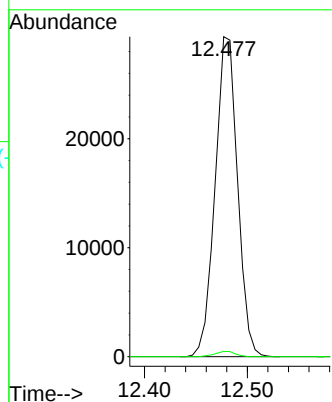
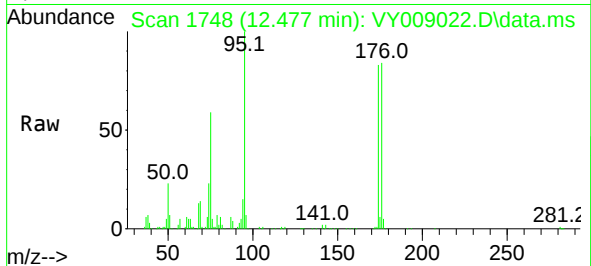




#76
1,2,3-Trichloropropane
Concen: 46.497 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009022.D
Acq: 23 May 2022 22:06

Instrument :
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ClientSampleId :
VY0523SBL02

Tgt Ion: 75 Resp: 44482
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.436 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY009022.D
Acq: 23 May 2022 22:06

Tgt Ion: 75 Resp: 44482
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

