

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009000.D
 Acq On : 23 May 2022 12:47
 Operator : KP/MD
 Sample : N2939-03
 Misc : 6.72g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2

Quant Time: May 24 01:46:56 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

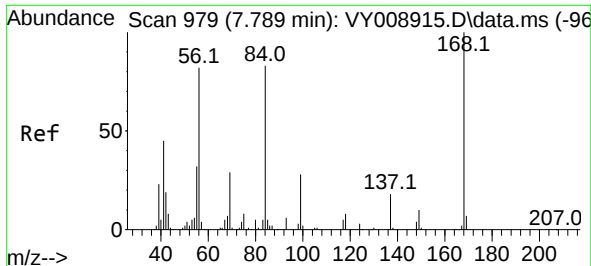
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	129993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	212896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	78661	58.796	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.600%			
35) Dibromofluoromethane	7.716	113	73454	50.058	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.120%			
50) Toluene-d8	10.179	98	291042	53.763	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.520%			
62) 4-Bromofluorobenzene	12.483	95	82763	37.900	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 75.800%			
Target Compounds						
16) Acetone	3.936	43	691	2.481	ug/l #	85
20) Methylene Chloride	4.710	84	3640	Below Cal	#	79
31) Cyclohexane	7.783	56	3206	1.225	ug/l #	18
36) 1,1-Dichloropropene	7.789	75	10698	4.284	ug/l #	50
38) Carbon Tetrachloride	7.789	117	13281	5.084	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1357	1.018	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	49100	52.455	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	49100	107.663	ug/l #	8

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

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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

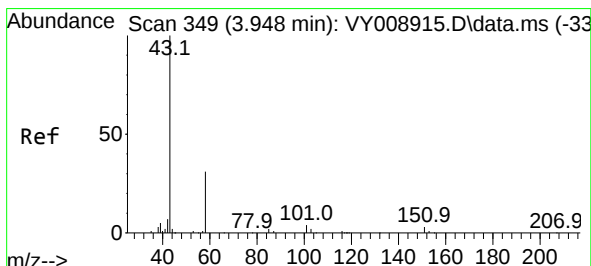
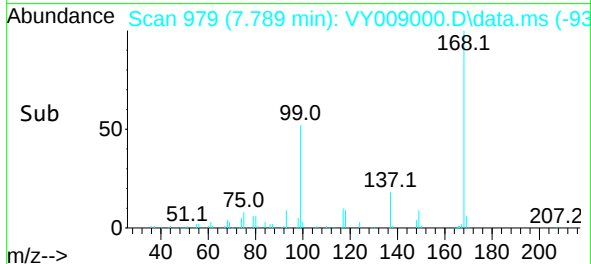
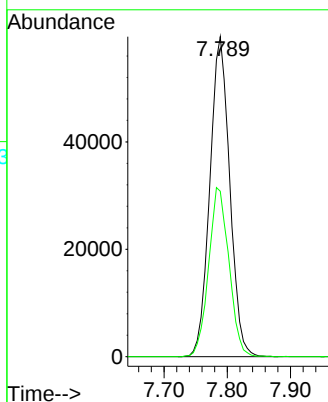
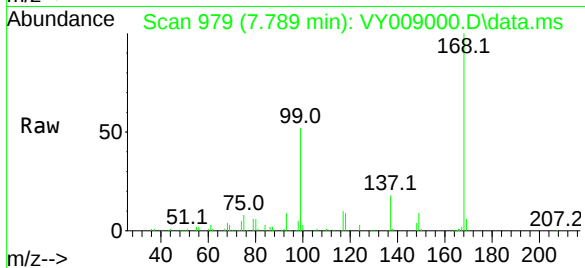




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009000.D
Acq: 23 May 2022 12:47

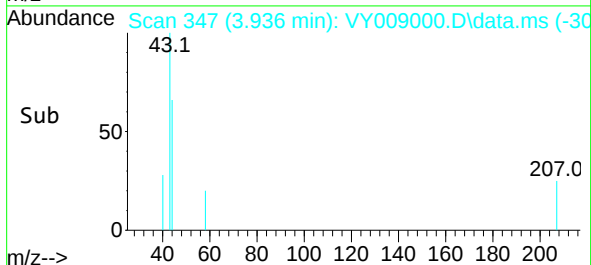
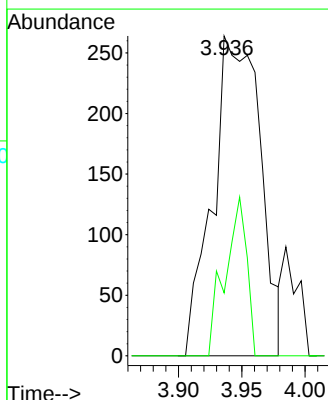
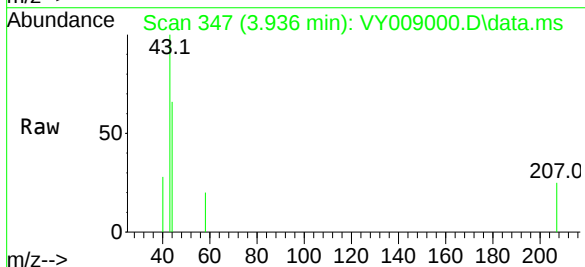
Instrument :
MSVOA_Y
ClientSampleId :
B2

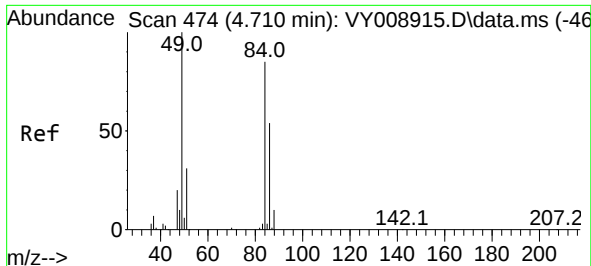
Tgt Ion:168 Resp: 129993
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#16
Acetone
Concen: 2.481 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY009000.D
Acq: 23 May 2022 12:47

Tgt Ion: 43 Resp: 691
Ion Ratio Lower Upper
43 100
58 19.7 22.0 33.0#

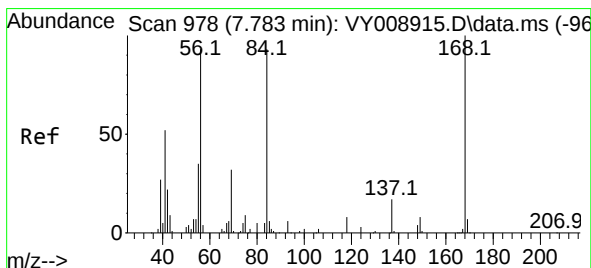
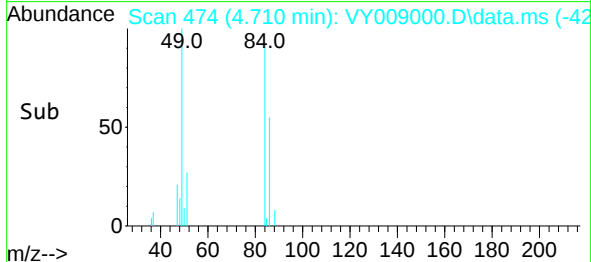
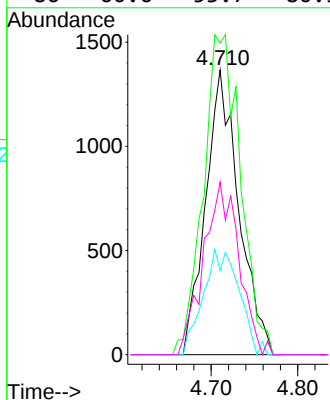
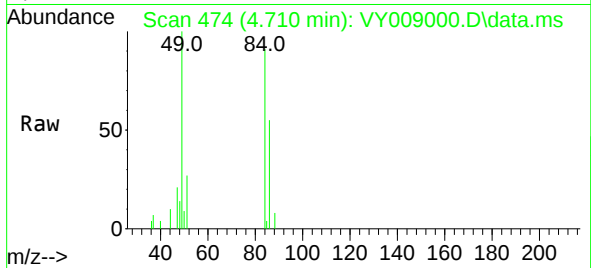




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009000.D
Acq: 23 May 2022 12:47

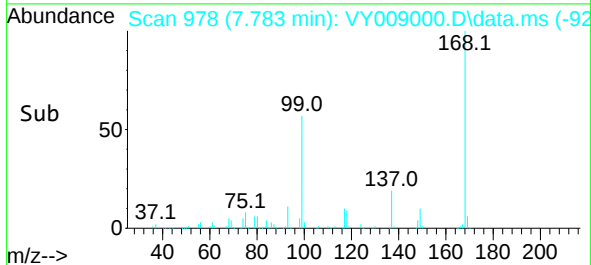
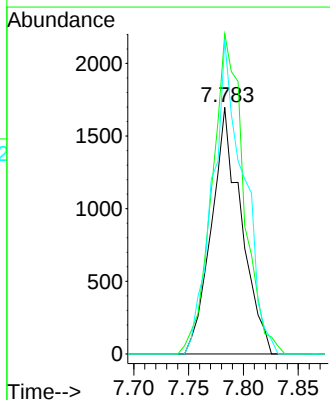
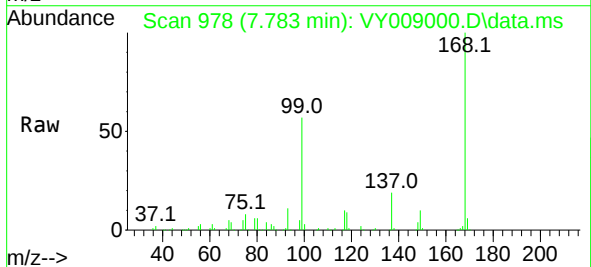
Instrument :
MSVOA_Y
ClientSampleId :
B2

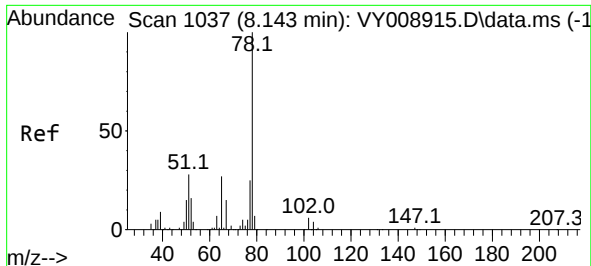
Tgt Ion:	84	Resp:	3640
Ion	Ratio	Lower	Upper
84	100		
49	109.4	114.4	171.6#
51	29.6	35.3	52.9#
86	60.6	53.7	80.5



#31
Cyclohexane
Concen: 1.225 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY009000.D
Acq: 23 May 2022 12:47

Tgt Ion:	56	Resp:	3206
Ion	Ratio	Lower	Upper
56	100		
69	129.7	26.7	40.1#
84	127.2	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 58.796 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY009000.D

Acq: 23 May 2022 12:47

Instrument :

MSVOA_Y

ClientSampleId :

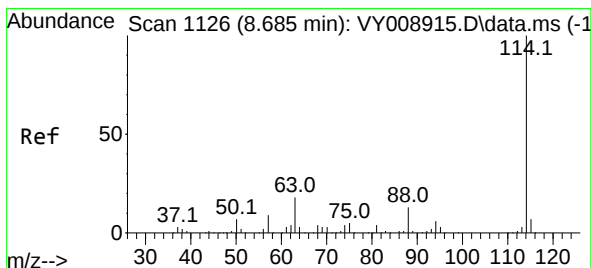
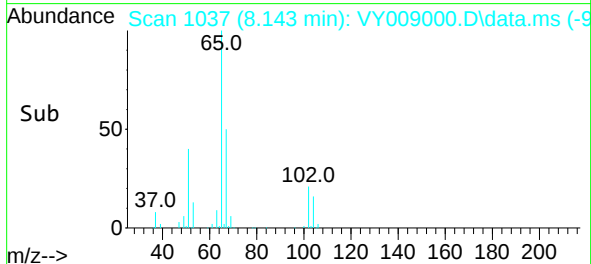
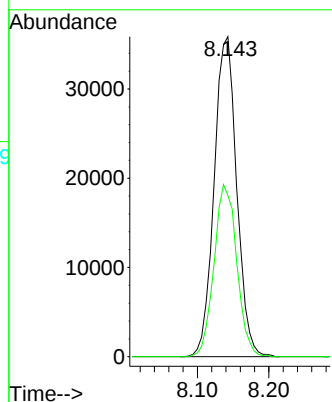
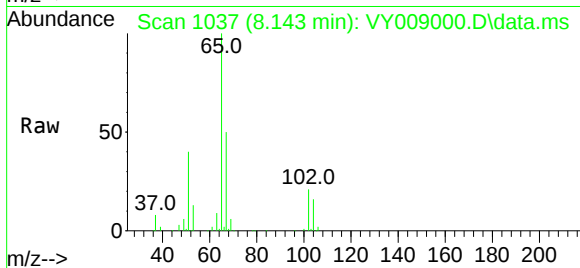
B2

Tgt Ion: 65 Resp: 78661

Ion Ratio Lower Upper

65 100

67 54.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009000.D

Acq: 23 May 2022 12:47

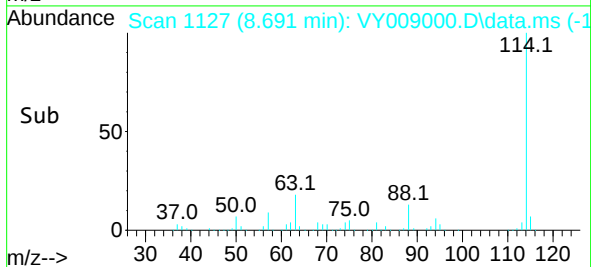
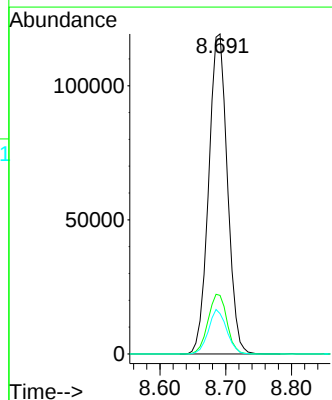
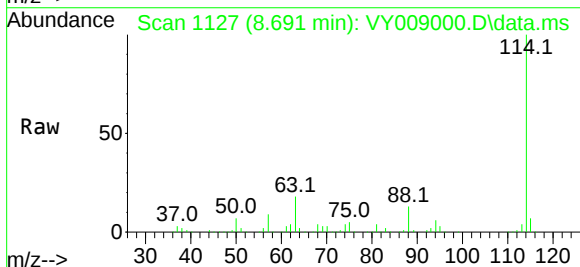
Tgt Ion: 114 Resp: 235975

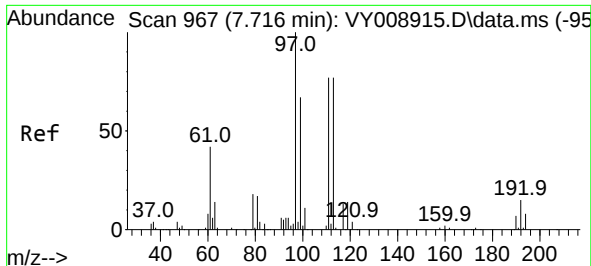
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 12.6 0.0 31.8

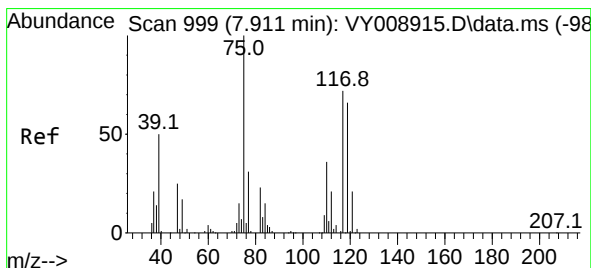
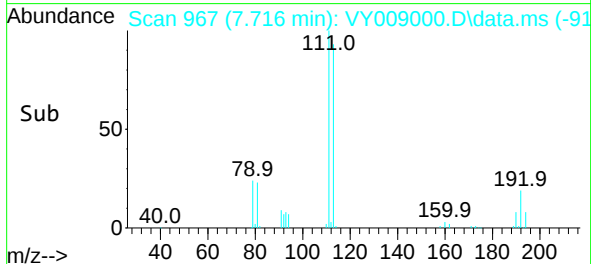
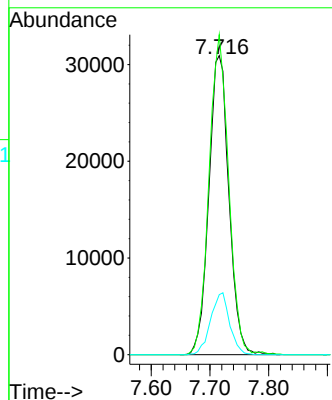
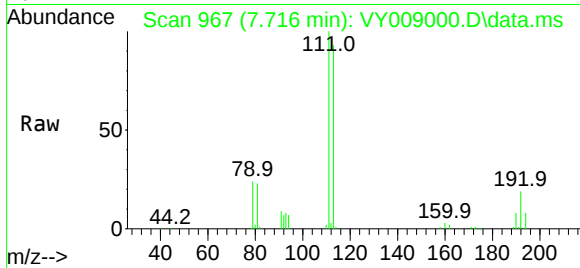




#35
Dibromofluoromethane
Concen: 50.058 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009000.D
Acq: 23 May 2022 12:47

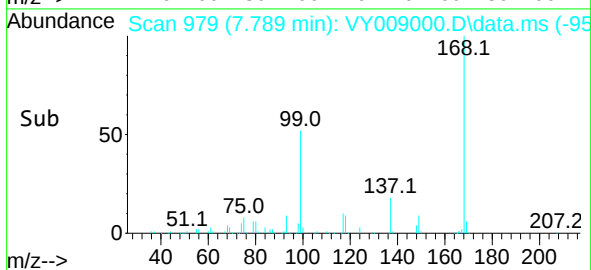
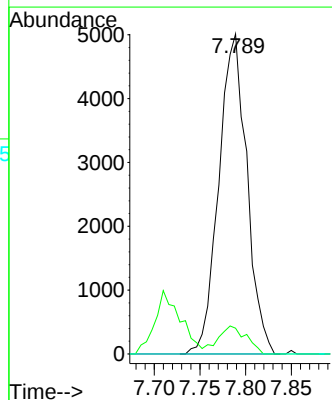
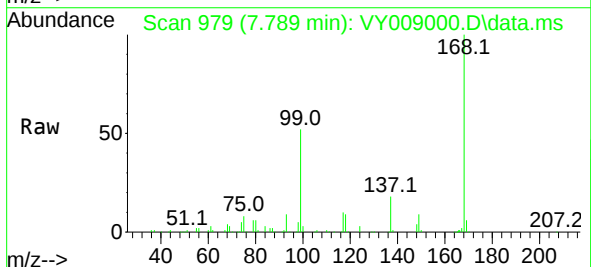
Instrument :
MSVOA_Y
ClientSampleId :
B2

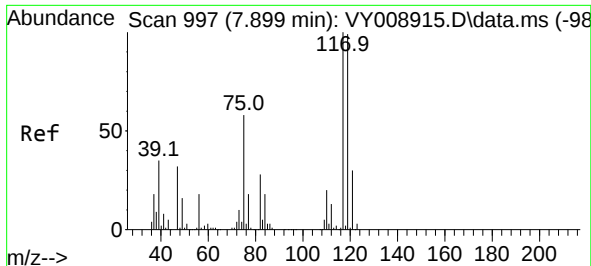
Tgt Ion:113 Resp: 73454
Ion Ratio Lower Upper
113 100
111 104.6 82.6 124.0
192 19.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.284 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009000.D
Acq: 23 May 2022 12:47

Tgt Ion: 75 Resp: 10698
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#

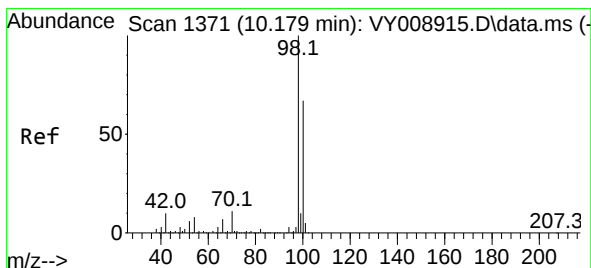
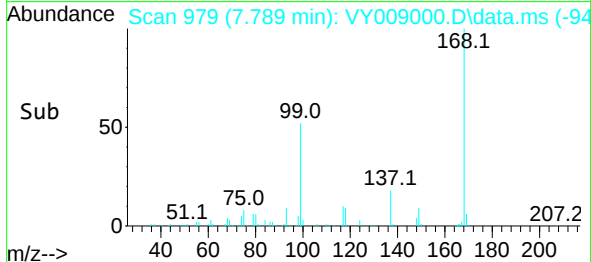
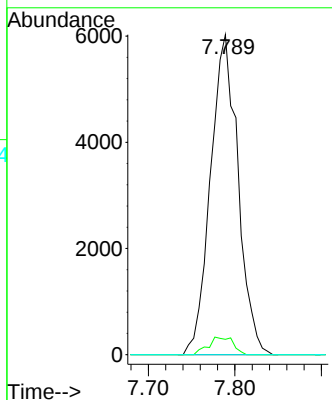
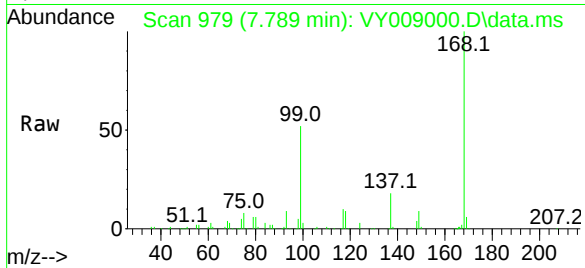




#38
Carbon Tetrachloride
Concen: 5.084 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009000.D
Acq: 23 May 2022 12:47

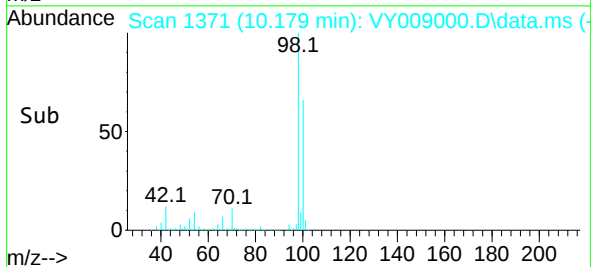
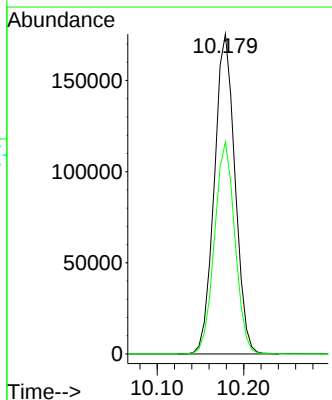
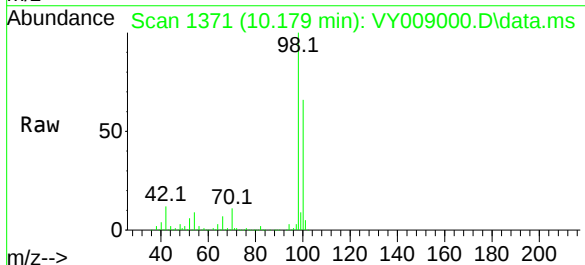
Instrument :
MSVOA_Y
ClientSampleId :
B2

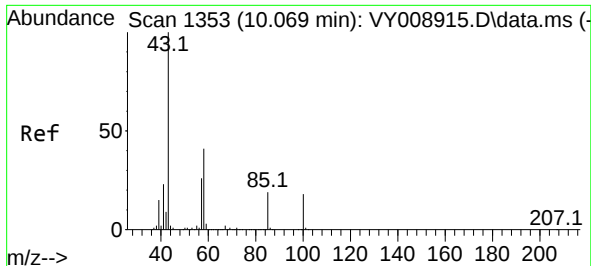
Tgt Ion:117 Resp: 13281
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.763 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009000.D
Acq: 23 May 2022 12:47

Tgt Ion: 98 Resp: 291042
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

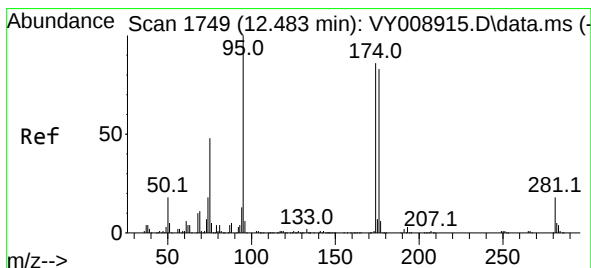
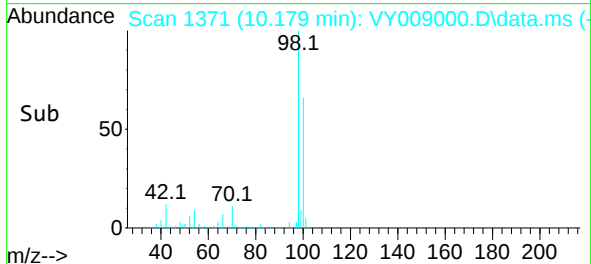
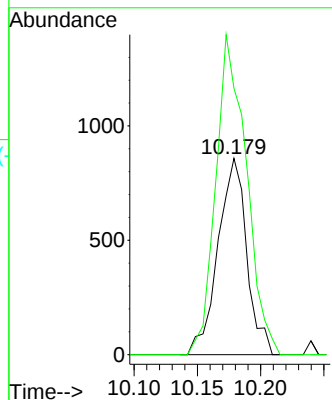
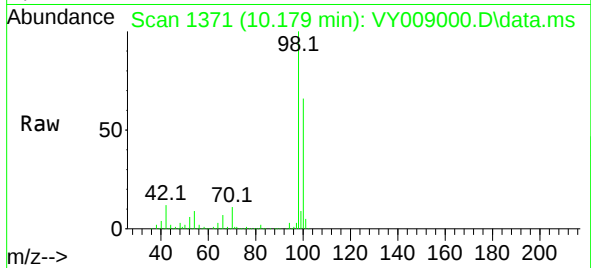




#51
4-Methyl-2-Pentanone
Concen: 1.018 ug/l
RT: 10.179 min Scan# 1357
Delta R.T. 0.110 min
Lab File: VY009000.D
Acq: 23 May 2022 12:47

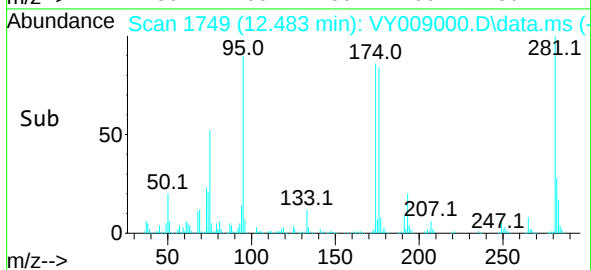
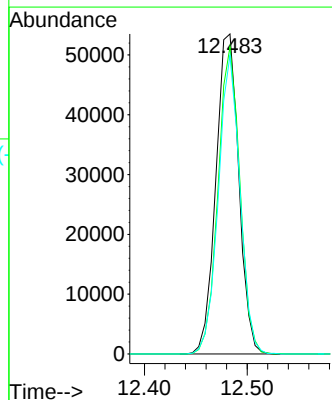
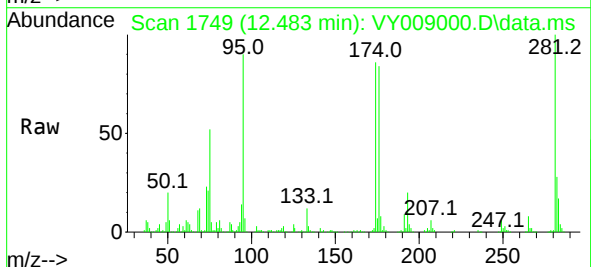
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ClientSampleId :
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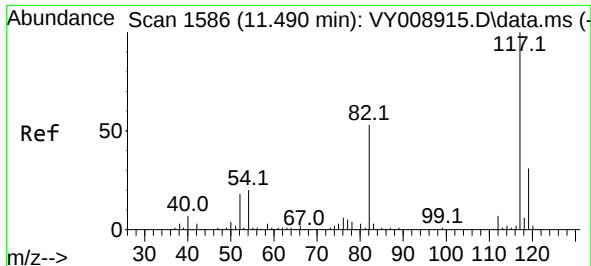
Tgt Ion: 43 Resp: 1357
Ion Ratio Lower Upper
43 100
58 173.3 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 37.900 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009000.D
Acq: 23 May 2022 12:47

Tgt Ion: 95 Resp: 82763
Ion Ratio Lower Upper
95 100
174 91.5 0.0 177.0
176 88.0 0.0 175.8

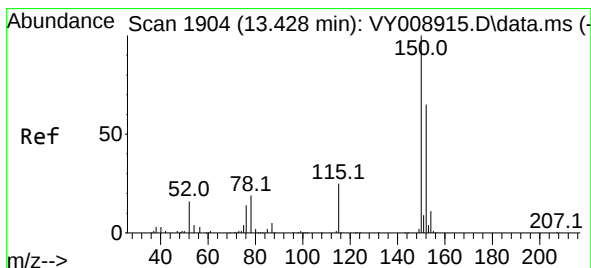
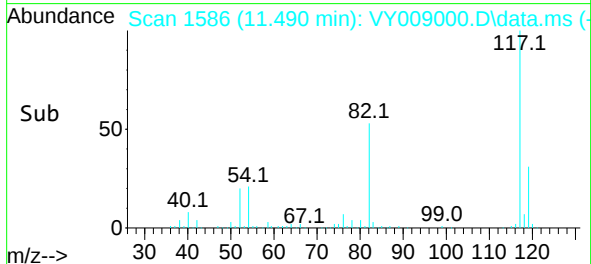
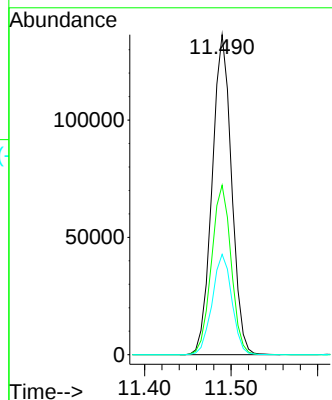
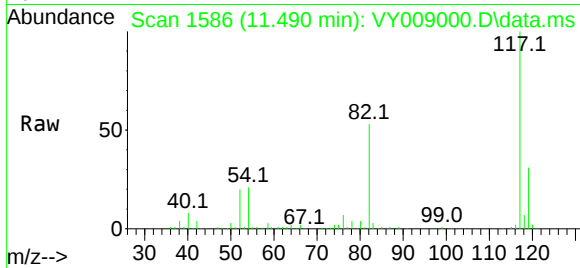




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009000.D
Acq: 23 May 2022 12:47

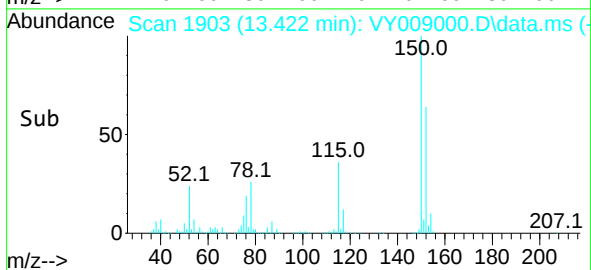
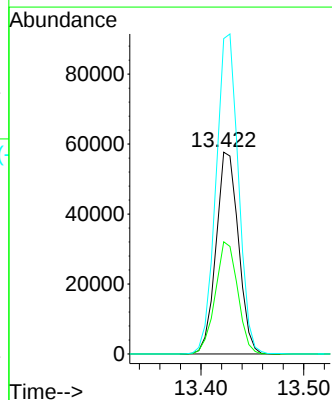
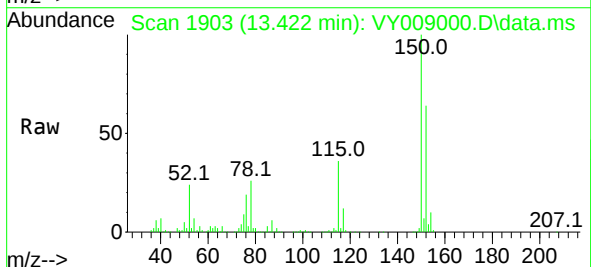
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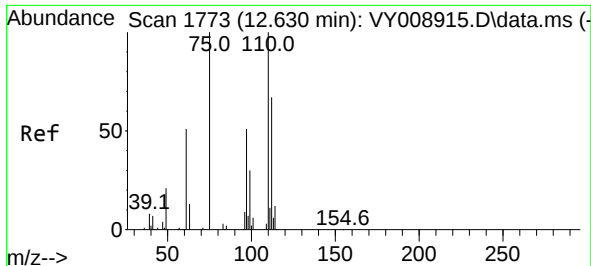
Tgt Ion:117 Resp: 212896
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009000.D
Acq: 23 May 2022 12:47

Tgt Ion:152 Resp: 87165
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 159.0 0.0 347.6

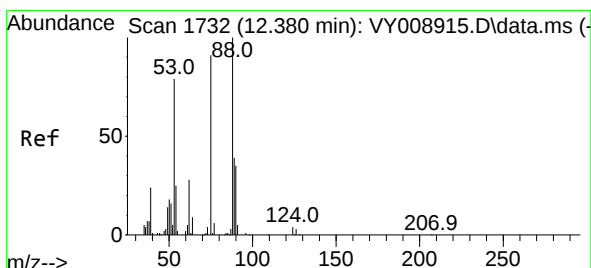
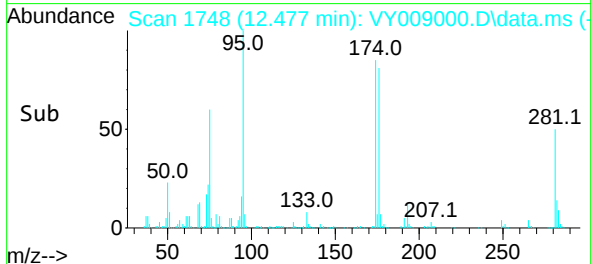
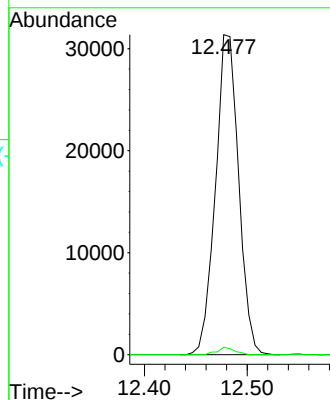
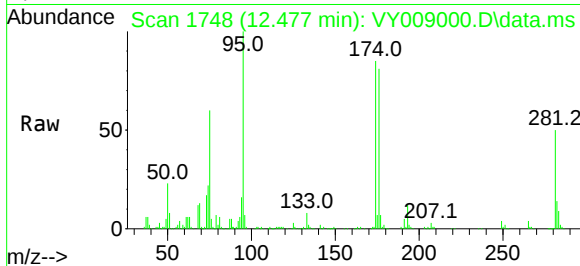




#76
1,2,3-Trichloropropane
Concen: 52.455 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009000.D
Acq: 23 May 2022 12:47

Instrument :
MSVOA_Y
ClientSampleId :
B2

Tgt Ion: 75 Resp: 49100
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.663 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY009000.D
Acq: 23 May 2022 12:47

Tgt Ion: 75 Resp: 49100
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 1.7 37.0 55.4#

