

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY008999.D
 Acq On : 23 May 2022 12:24
 Operator : KP/MD
 Sample : N2939-01
 Misc : 5.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B1

Quant Time: May 24 01:46:44 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)

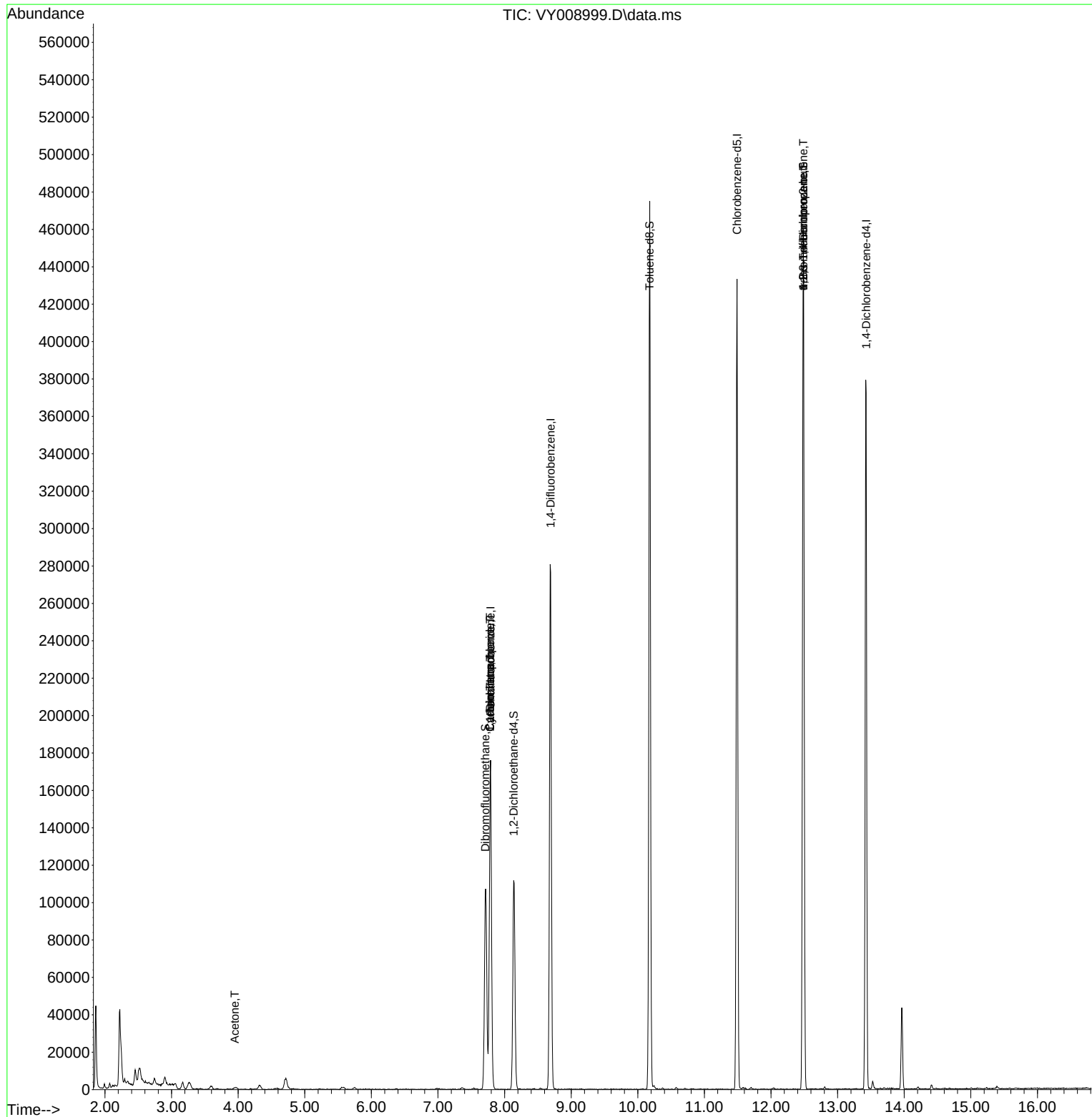
Internal Standards						
1) Pentafluorobenzene	7.789	168	131782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	221831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84650	62.413	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.820%	
35) Dibromofluoromethane	7.710	113	74796	51.013	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.020%	
50) Toluene-d8	10.179	98	296497	54.814	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.620%	
62) 4-Bromofluorobenzene	12.483	95	88344	40.488	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.980%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1504	5.327	ug/l	94
20) Methylene Chloride	4.704	84	4619	Below Cal	#	79
31) Cyclohexane	7.783	56	3421	1.289	ug/l #	13
36) 1,1-Dichloropropene	7.783	75	10597	4.247	ug/l #	50
38) Carbon Tetrachloride	7.783	117	13273	5.085	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	51724	50.888	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51724	104.447	ug/l #	8

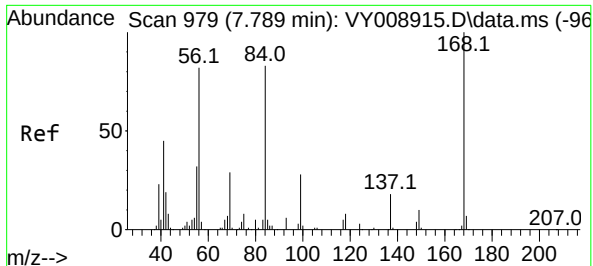
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

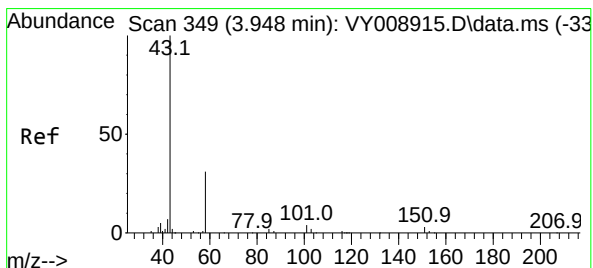
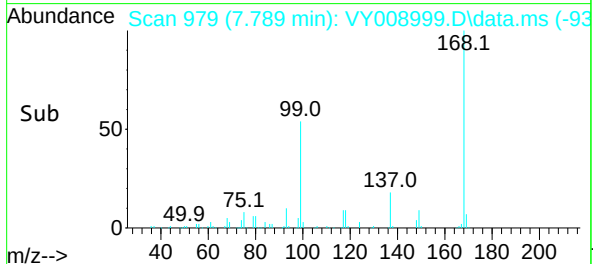
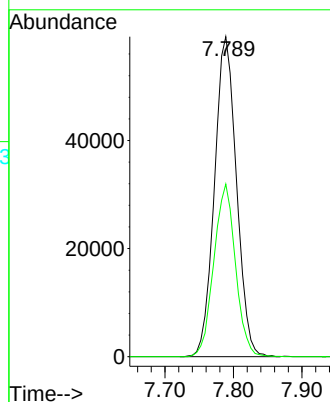
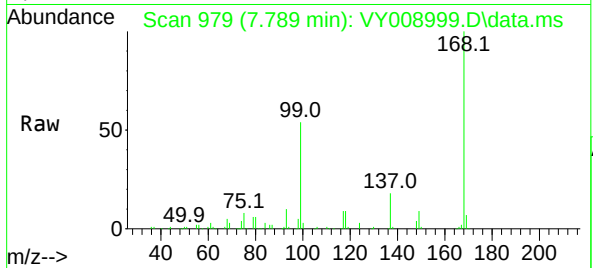




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008999.D
Acq: 23 May 2022 12:24

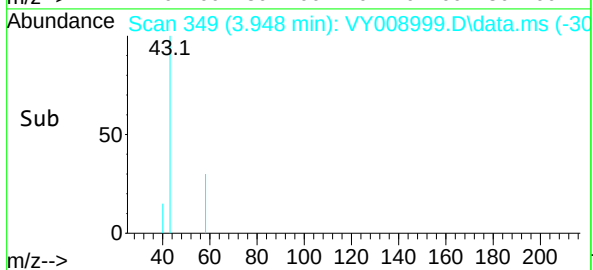
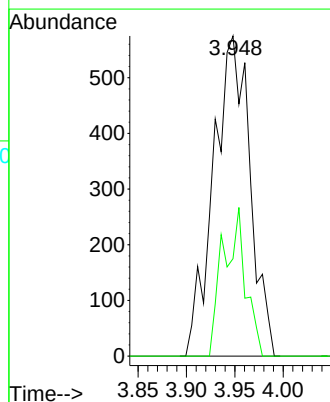
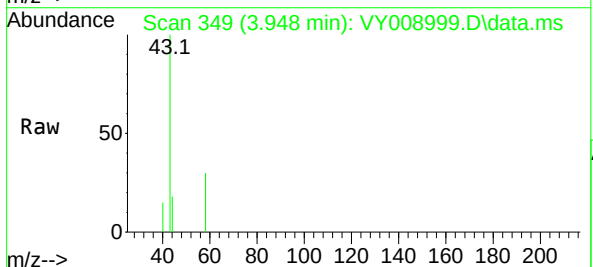
Instrument :
MSVOA_Y
ClientSampleId :
B1

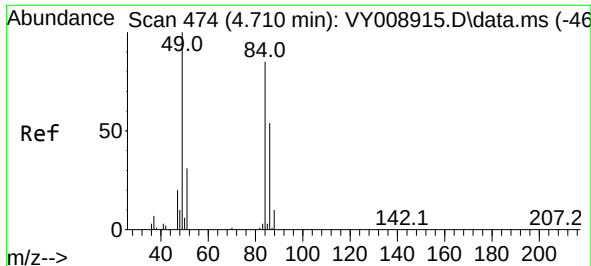
Tgt Ion:168 Resp: 131782
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#16
Acetone
Concen: 5.327 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008999.D
Acq: 23 May 2022 12:24

Tgt Ion: 43 Resp: 1504
Ion Ratio Lower Upper
43 100
58 30.4 22.0 33.0

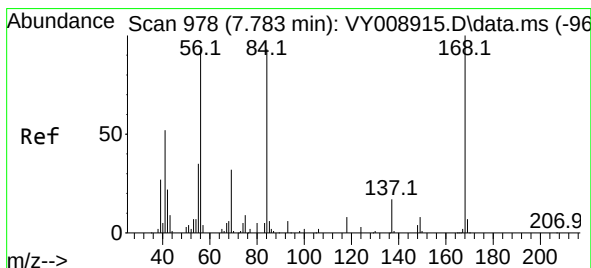
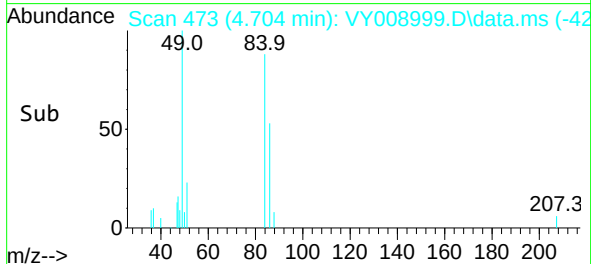
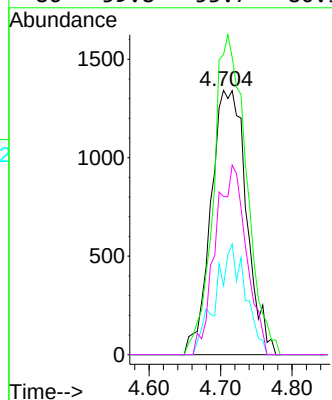
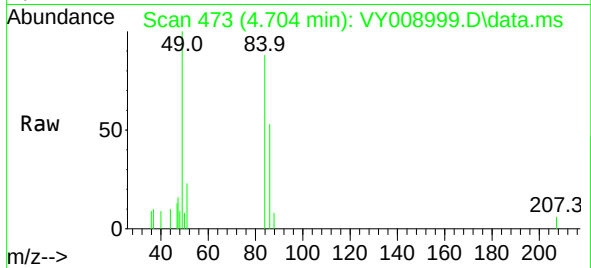




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008999.D
Acq: 23 May 2022 12:24

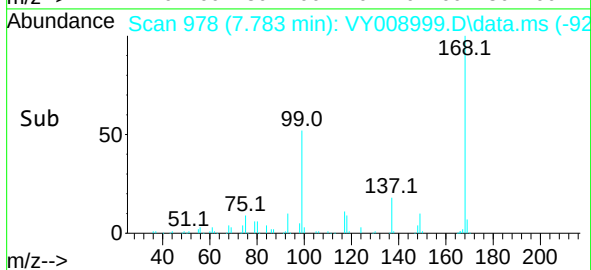
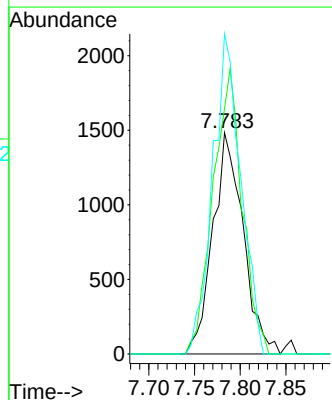
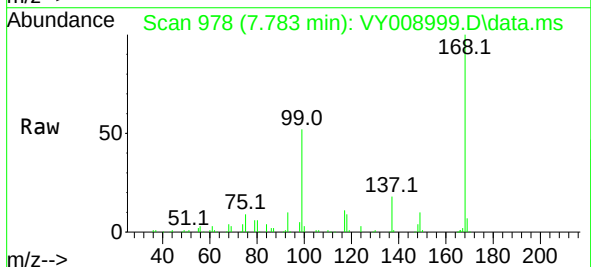
Instrument :
MSVOA_Y
ClientSampleId :
B1

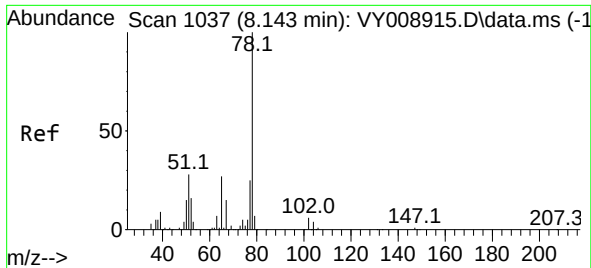
Tgt Ion:	84	Resp:	4619
Ion	Ratio	Lower	Upper
84	100		
49	113.6	114.4	171.6#
51	26.1	35.3	52.9#
86	59.8	53.7	80.5



#31
Cyclohexane
Concen: 1.289 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008999.D
Acq: 23 May 2022 12:24

Tgt Ion:	56	Resp:	3421
Ion	Ratio	Lower	Upper
56	100		
69	110.8	26.7	40.1#
84	144.6	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 62.413 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.007 min

Lab File: VY008999.D

Acq: 23 May 2022 12:24

Instrument :

MSVOA_Y

ClientSampleId :

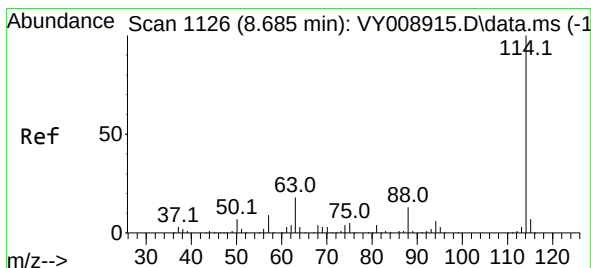
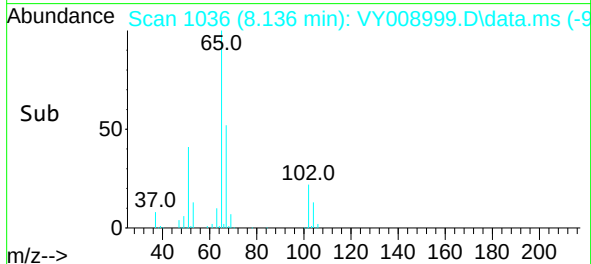
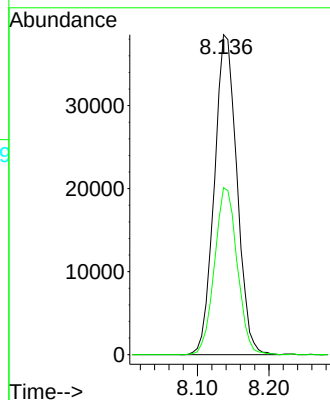
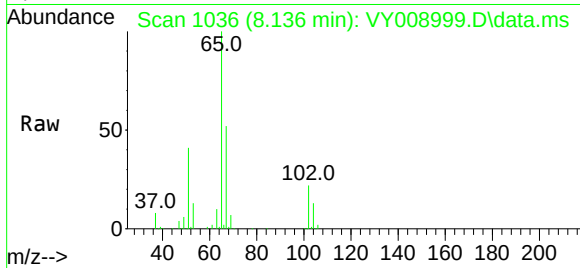
B1

Tgt Ion: 65 Resp: 84650

Ion Ratio Lower Upper

65 100

67 52.4 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: VY008999.D

Acq: 23 May 2022 12:24

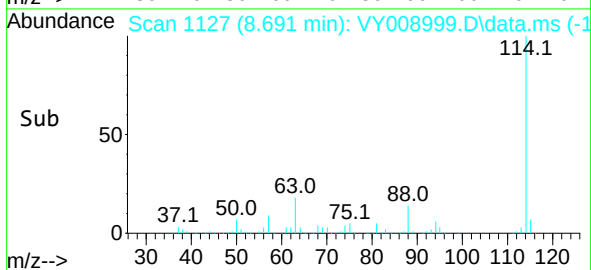
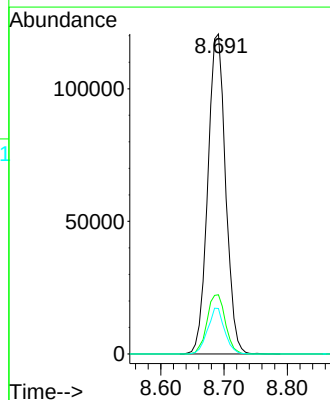
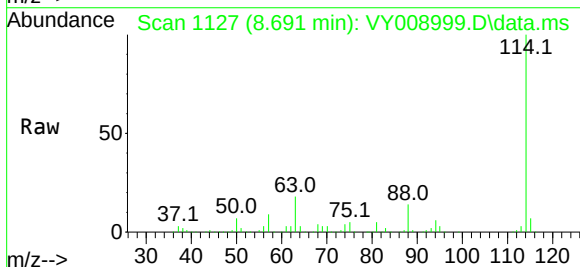
Tgt Ion: 114 Resp: 235787

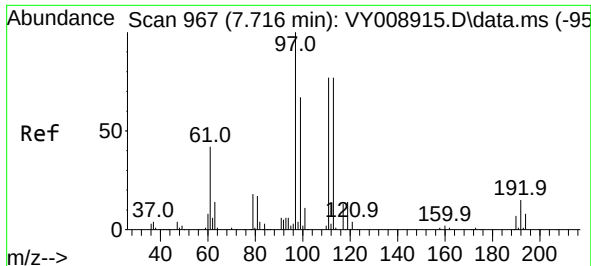
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.2 0.0 31.8

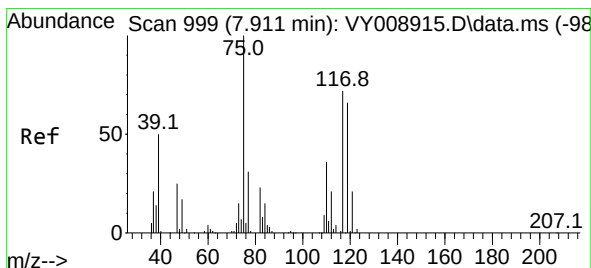
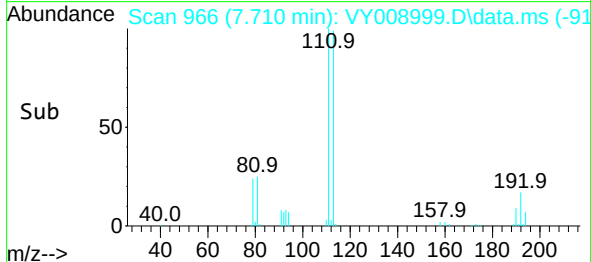
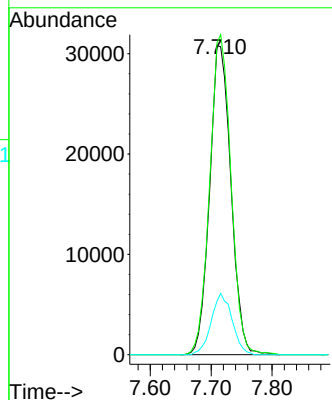
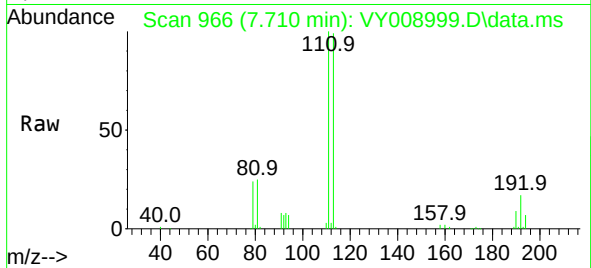




#35
Dibromofluoromethane
Concen: 51.013 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008999.D
Acq: 23 May 2022 12:24

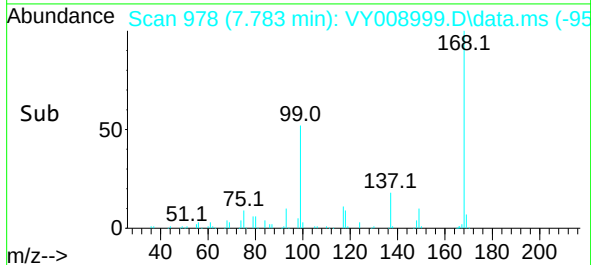
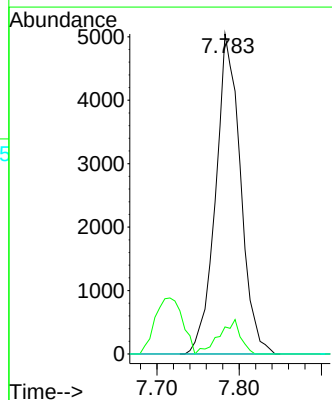
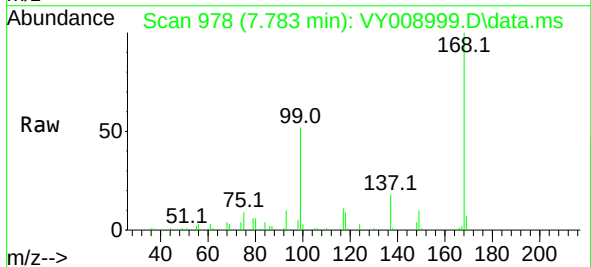
Instrument :
MSVOA_Y
ClientSampleId :
B1

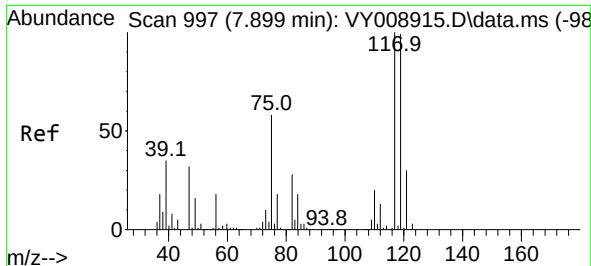
Tgt Ion:113 Resp: 74796
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 19.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.247 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY008999.D
Acq: 23 May 2022 12:24

Tgt Ion: 75 Resp: 10597
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#

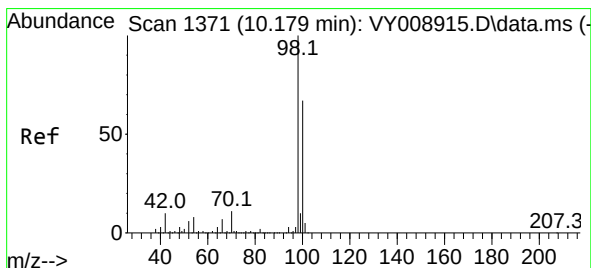
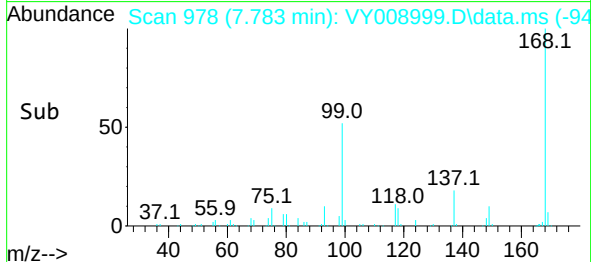
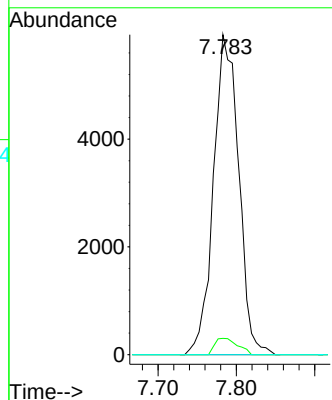
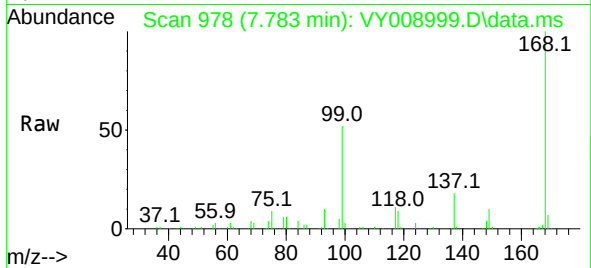




#38
Carbon Tetrachloride
Concen: 5.085 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008999.D
Acq: 23 May 2022 12:24

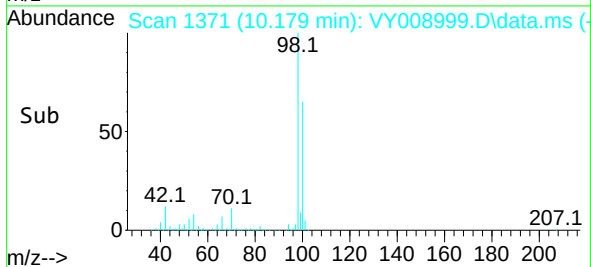
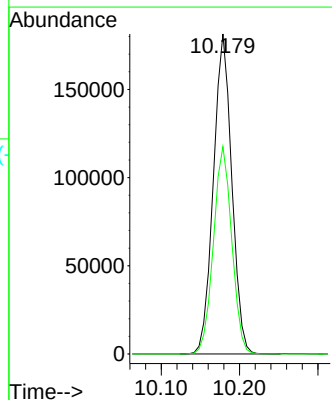
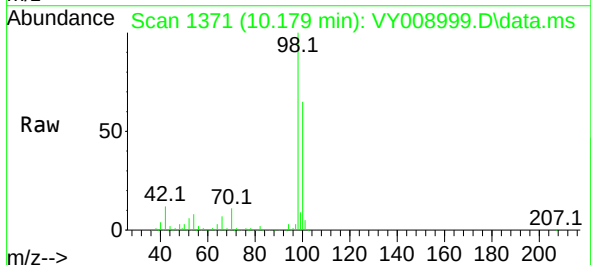
Instrument :
MSVOA_Y
ClientSampleId :
B1

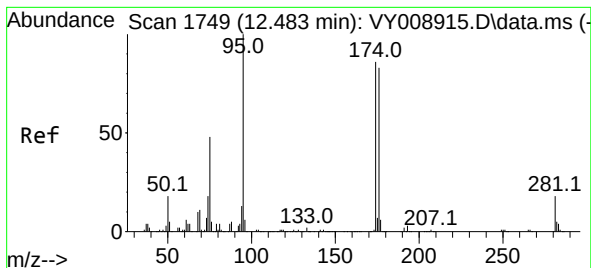
Tgt Ion:117 Resp: 13273
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.814 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008999.D
Acq: 23 May 2022 12:24

Tgt Ion: 98 Resp: 296497
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

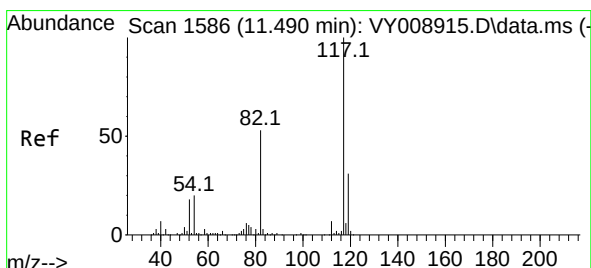
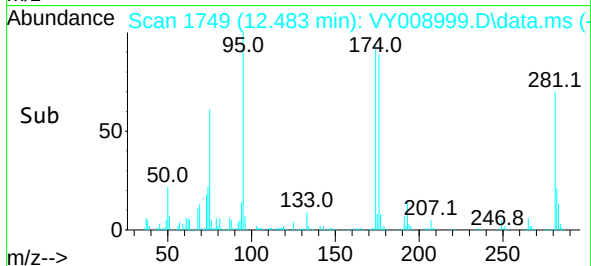
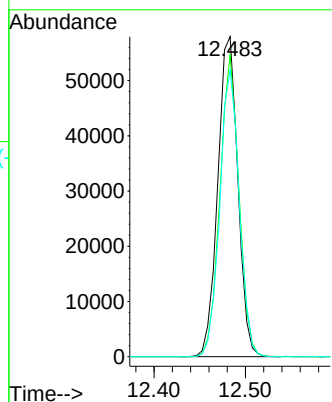
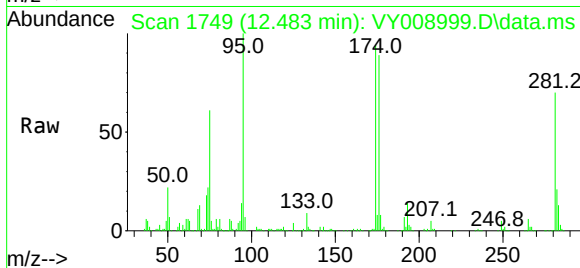




#62
4-Bromofluorobenzene
Concen: 40.488 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008999.D
Acq: 23 May 2022 12:24

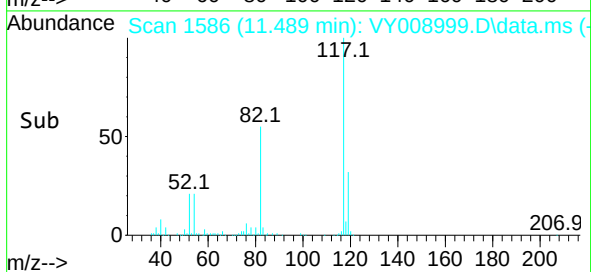
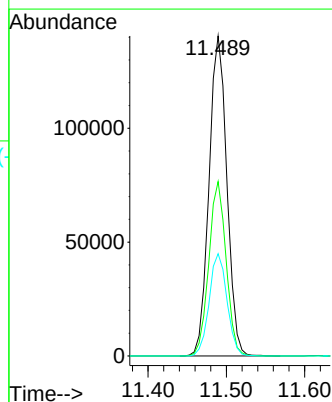
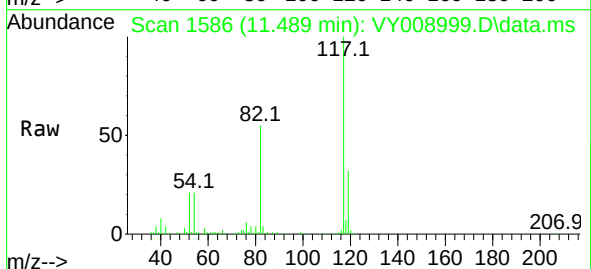
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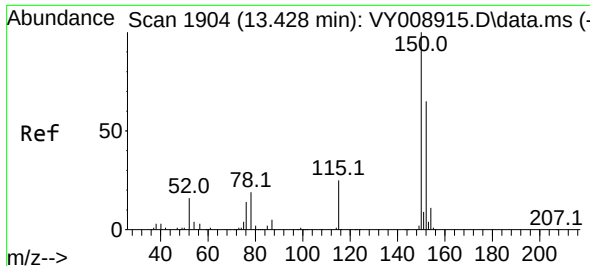
Tgt Ion: 95 Resp: 88344
Ion Ratio Lower Upper
95 100
174 89.5 0.0 177.0
176 86.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008999.D
Acq: 23 May 2022 12:24

Tgt Ion: 117 Resp: 221831
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.0 25.4 38.0

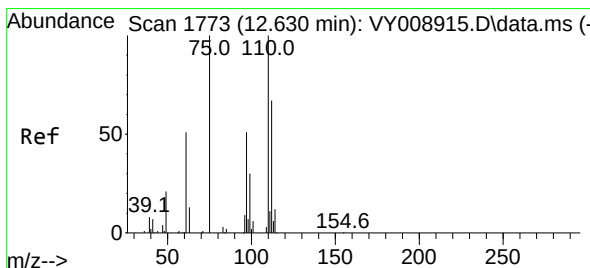
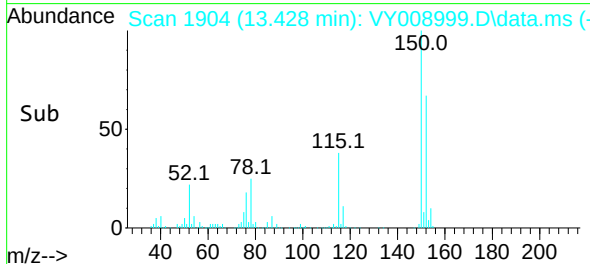
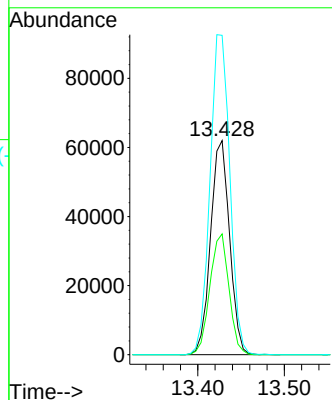
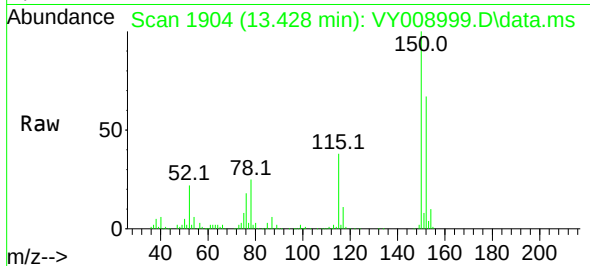




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008999.D
 Acq: 23 May 2022 12:24

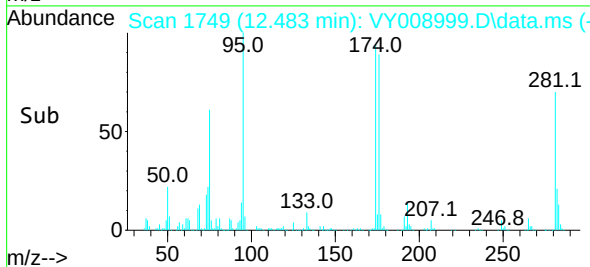
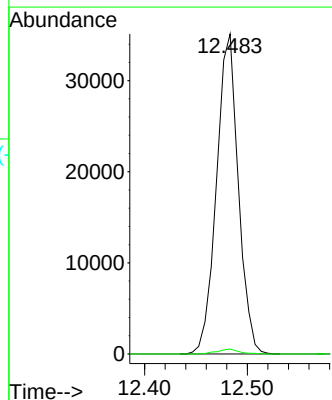
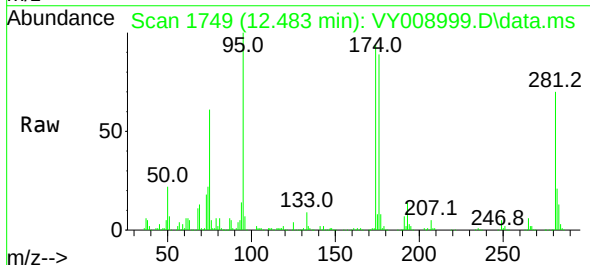
Instrument :
 MSVOA_Y
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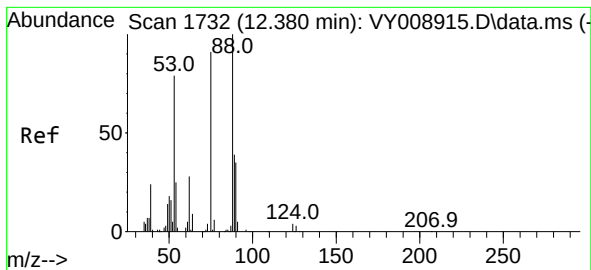
Tgt Ion:152 Resp: 94651
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.2 84.7
 150 155.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 50.888 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY008999.D
 Acq: 23 May 2022 12:24

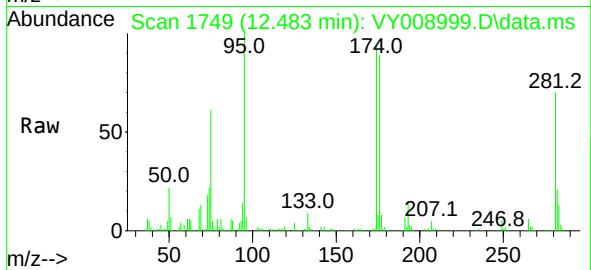
Tgt Ion: 75 Resp: 51724
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.447 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008999.D
 Acq: 23 May 2022 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 B1



Tgt Ion: 75 Resp: 51724
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 1.3 37.0 55.4#

