

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008949.D
 Acq On : 21 May 2022 15:03
 Operator : KP/MD
 Sample : N2919-14
 Misc : 4.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P013-SS003-0006-01

Quant Time: May 21 21:30:02 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)

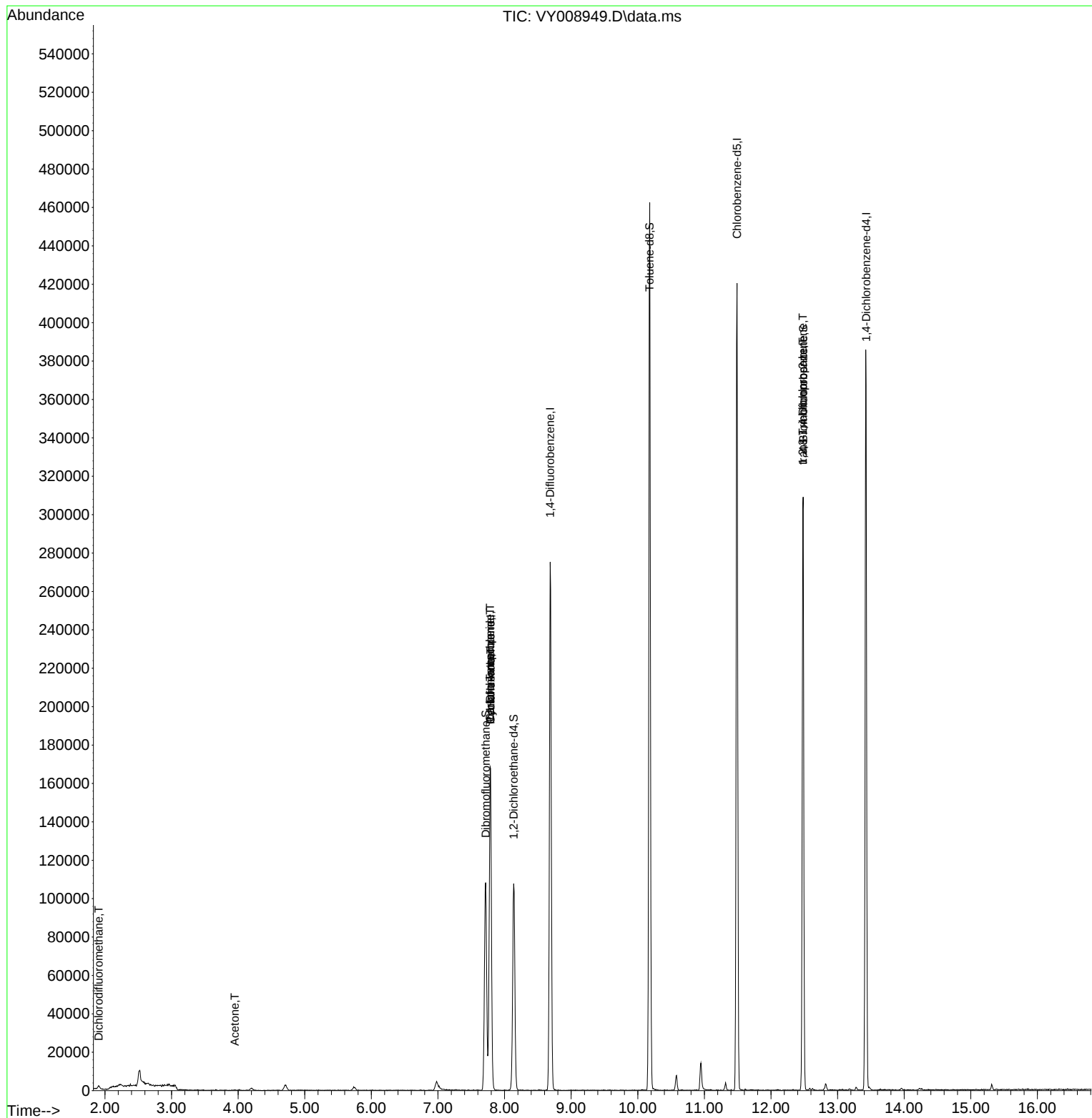
Internal Standards						
1) Pentafluorobenzene	7.789	168	129326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	232737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	219521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	81708	61.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.780%	
35) Dibromofluoromethane	7.716	113	73034	50.464	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.920%	
50) Toluene-d8	10.179	98	287963	53.934	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.860%	
62) 4-Bromofluorobenzene	12.483	95	82165	38.150	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.300%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	1324	1.119	ug/l	87
16) Acetone	3.948	43	375	1.354	ug/l #	47
20) Methylene Chloride	4.704	84	2060	Below Cal		88
31) Cyclohexane	7.789	56	3210	1.233	ug/l #	49
36) 1,1-Dichloropropene	7.783	75	10760	4.369	ug/l #	52
38) Carbon Tetrachloride	7.783	117	13197	5.122	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	48186	47.701	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	48186	97.905	ug/l #	7

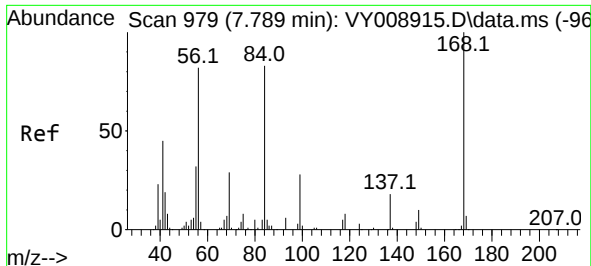
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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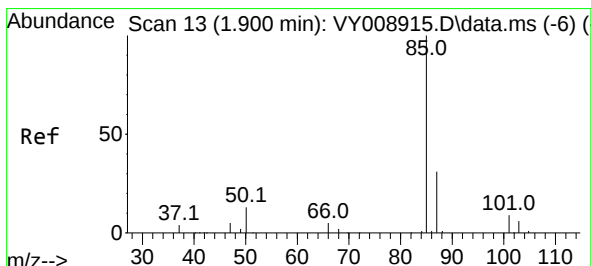
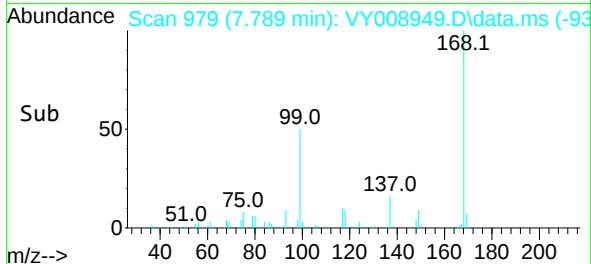
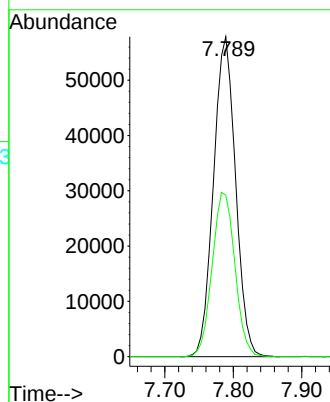
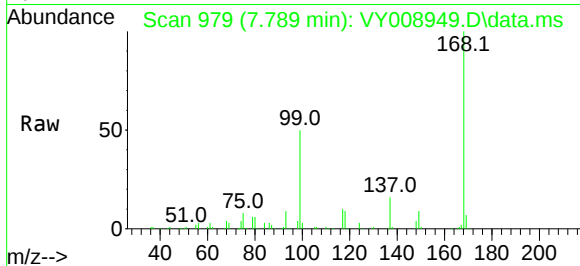




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008949.D
Acq: 21 May 2022 15:03

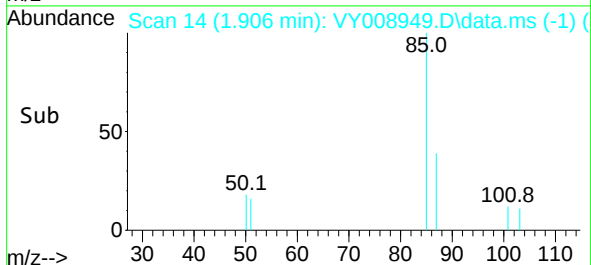
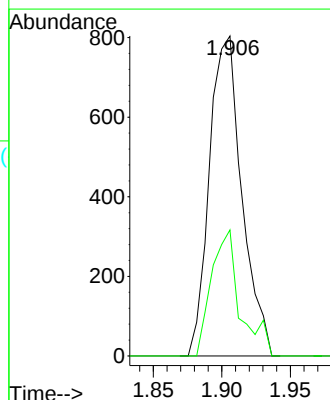
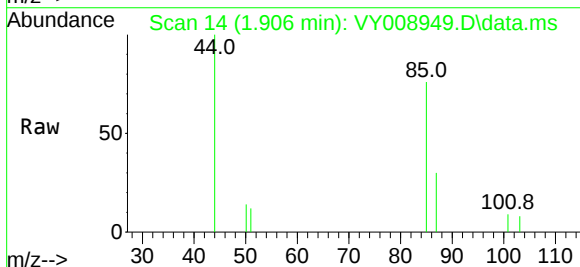
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS003-0006-01

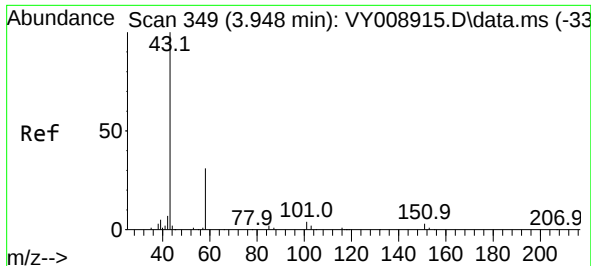
Tgt Ion:168 Resp: 129326
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.119 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY008949.D
Acq: 21 May 2022 15:03

Tgt Ion: 85 Resp: 1324
Ion Ratio Lower Upper
85 100
87 39.4 16.1 48.2

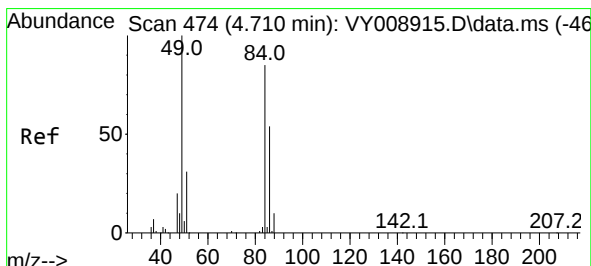
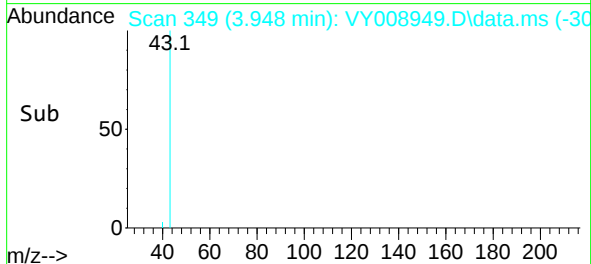
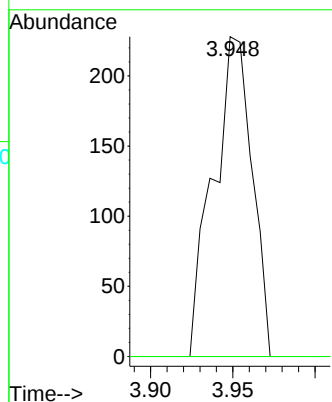
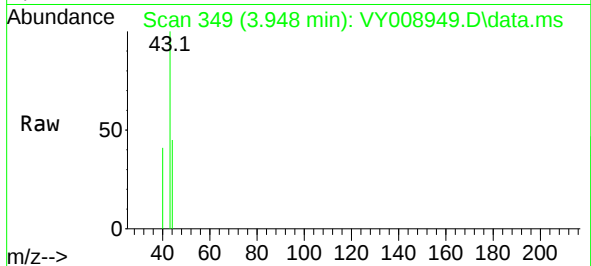




#16
Acetone
Concen: 1.354 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008949.D
Acq: 21 May 2022 15:03

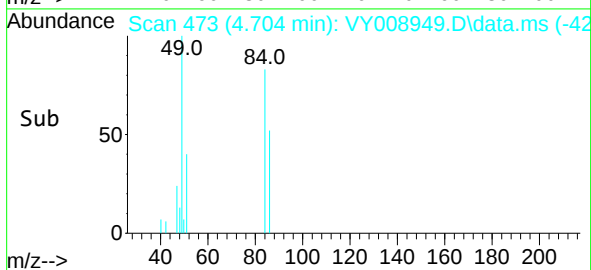
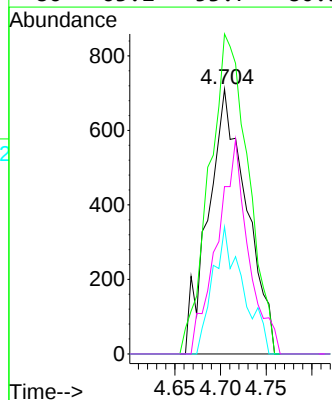
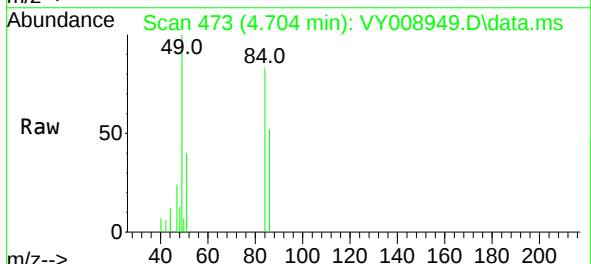
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS003-0006-01

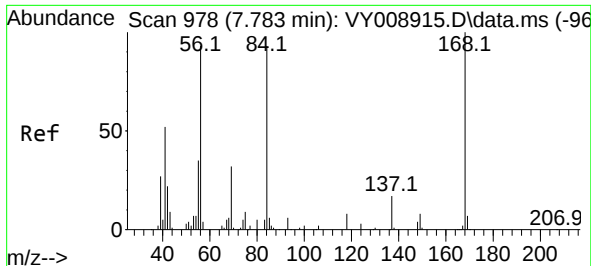
Tgt Ion: 43 Resp: 375
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY008949.D
Acq: 21 May 2022 15:03

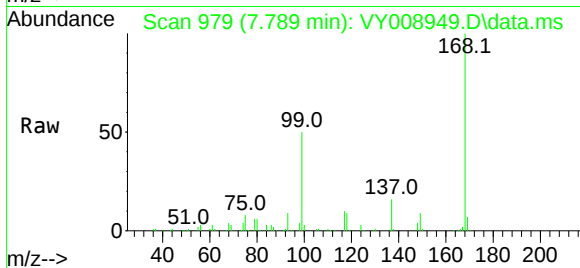
Tgt Ion: 84 Resp: 2060
Ion Ratio Lower Upper
84 100
49 120.8 114.4 171.6
51 48.0 35.3 52.9
86 63.2 53.7 80.5



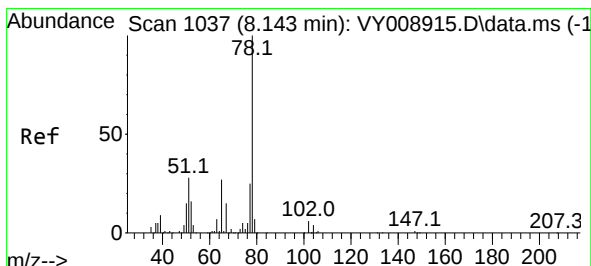
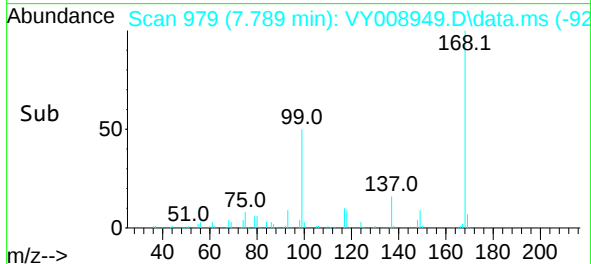
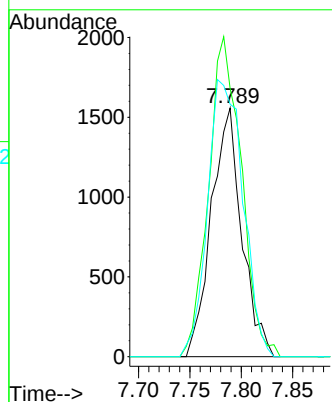


#31
Cyclohexane
Concen: 1.233 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008949.D
Acq: 21 May 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
P013-SS003-0006-01

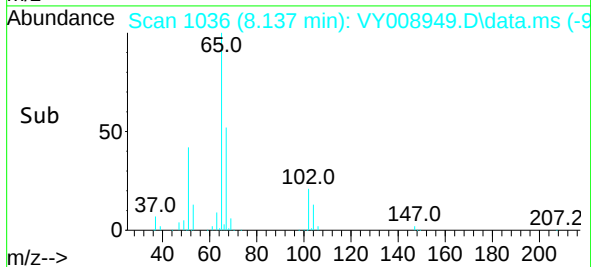
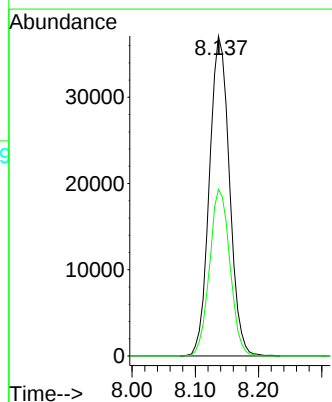
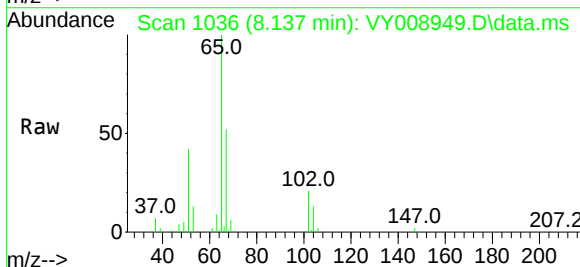


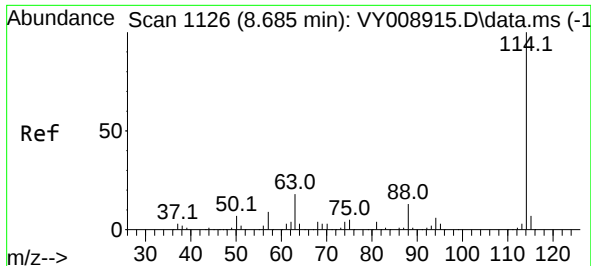
Tgt Ion: 56 Resp: 3210
Ion Ratio Lower Upper
56 100
69 107.8 26.7 40.1#
84 101.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.388 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008949.D
Acq: 21 May 2022 15:03

Tgt Ion: 65 Resp: 81708
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4

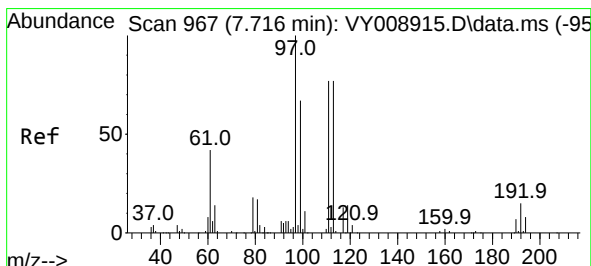
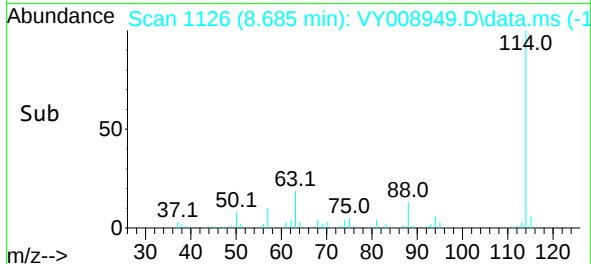
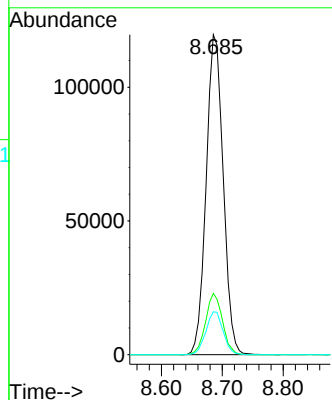
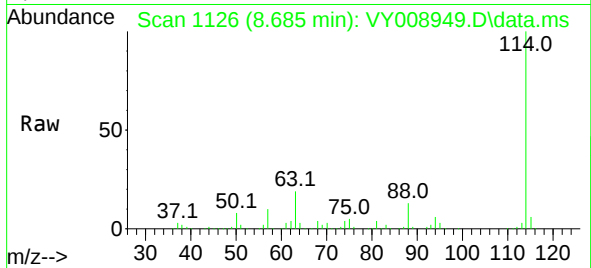




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY008949.D
Acq: 21 May 2022 15:03

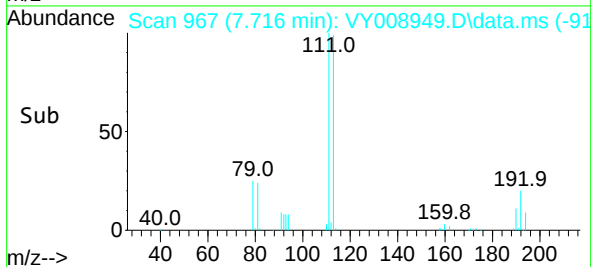
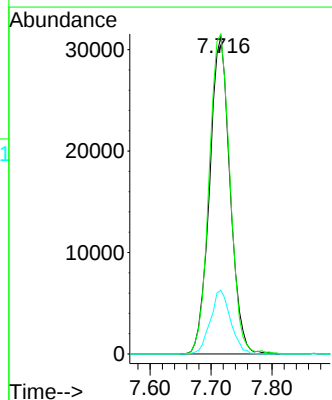
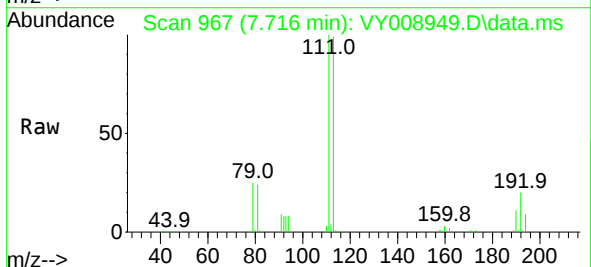
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS003-0006-01

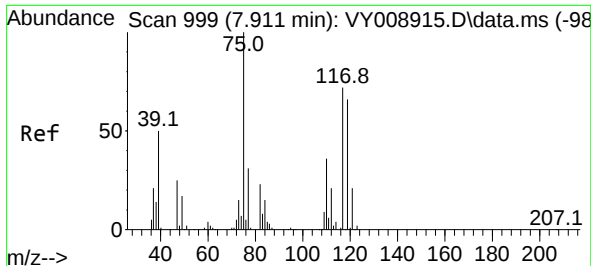
Tgt Ion:114 Resp: 232737
Ion Ratio Lower Upper
114 100
63 19.1 0.0 43.2
88 13.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.464 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008949.D
Acq: 21 May 2022 15:03

Tgt Ion:113 Resp: 73034
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.8 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.369 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008949.D

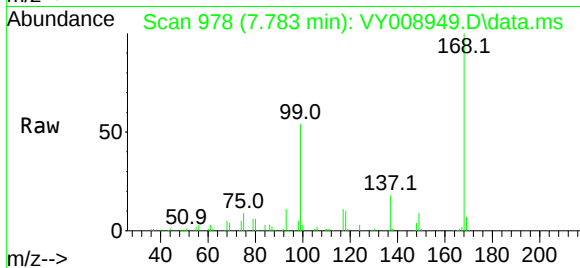
Acq: 21 May 2022 15:03

Instrument :

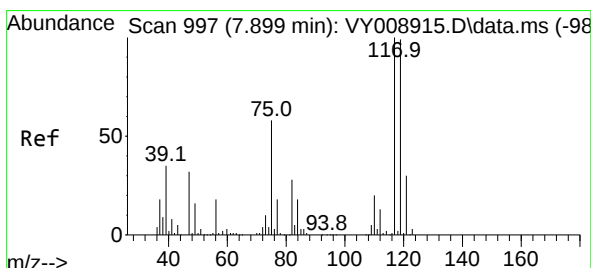
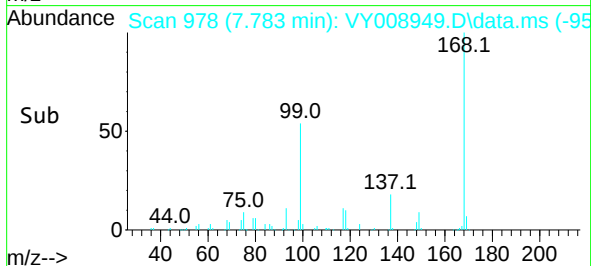
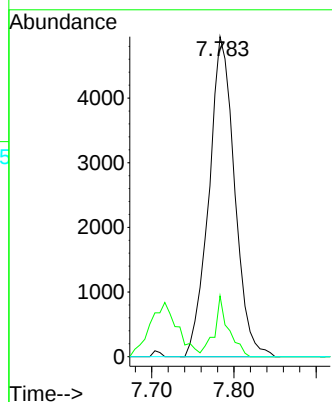
MSVOA_Y

ClientSampleId :

P013-SS003-0006-01



Tgt Ion:	75	Resp:	10760
Ion Ratio	Lower	Upper	
75	100		
110	10.4	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.122 ug/l

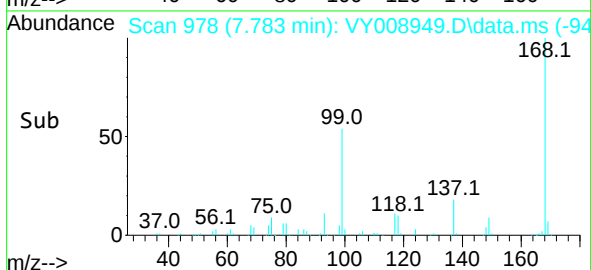
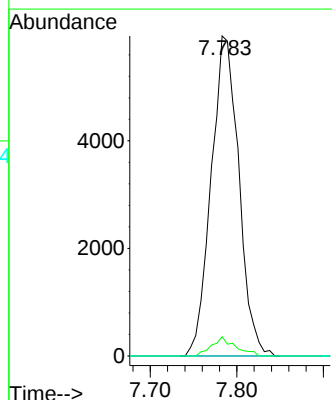
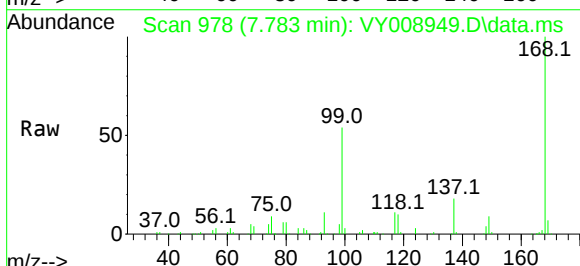
RT: 7.783 min Scan# 978

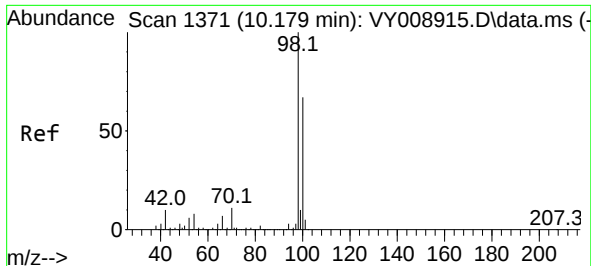
Delta R.T. -0.116 min

Lab File: VY008949.D

Acq: 21 May 2022 15:03

Tgt Ion:	117	Resp:	13197
Ion Ratio	Lower	Upper	
117	100		
119	6.0	77.9	116.9#
121	0.0	24.8	37.2#

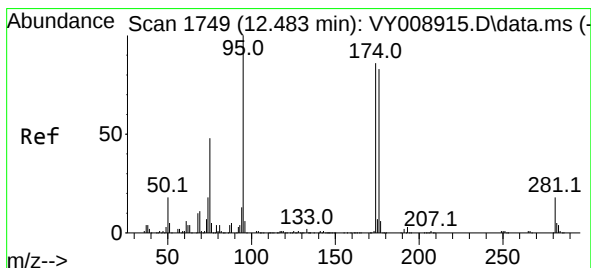
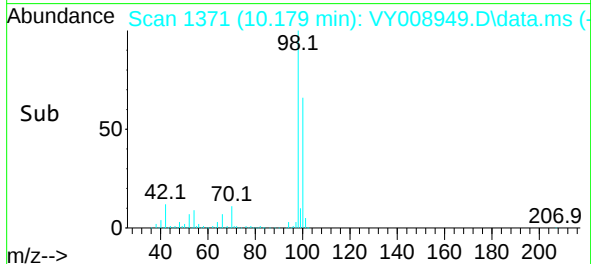
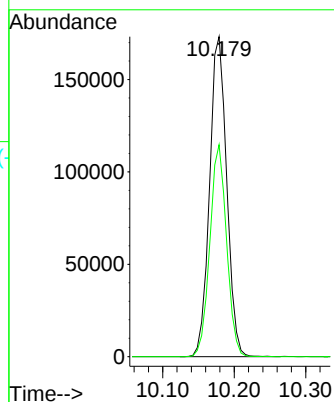
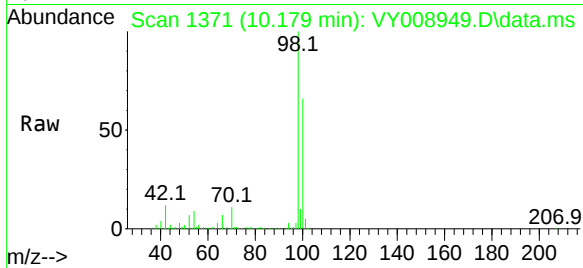




#50
Toluene-d8
Concen: 53.934 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY008949.D
Acq: 21 May 2022 15:03

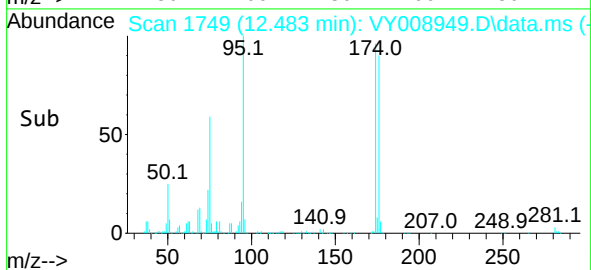
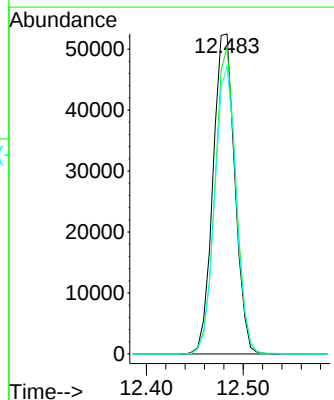
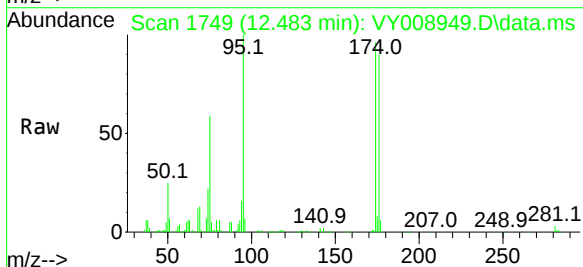
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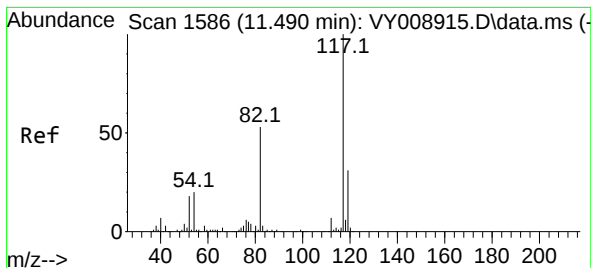
Tgt Ion: 98 Resp: 287963
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.150 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008949.D
Acq: 21 May 2022 15:03

Tgt Ion: 95 Resp: 82165
Ion Ratio Lower Upper
95 100
174 92.6 0.0 177.0
176 88.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008949.D

Acq: 21 May 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

P013-SS003-0006-01

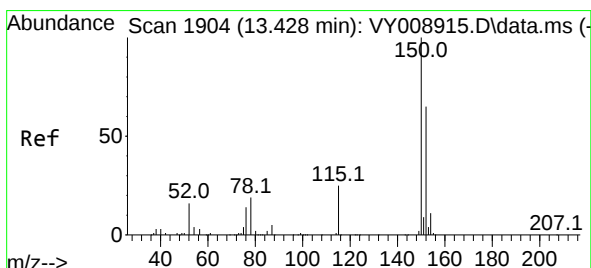
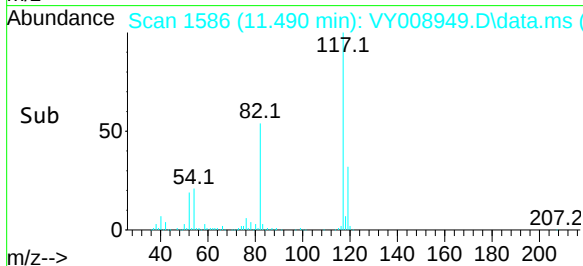
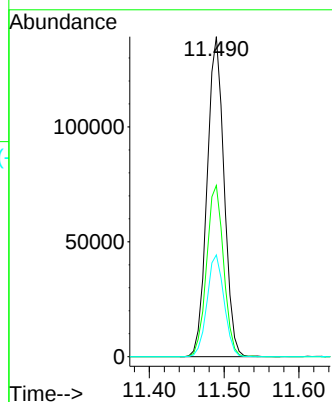
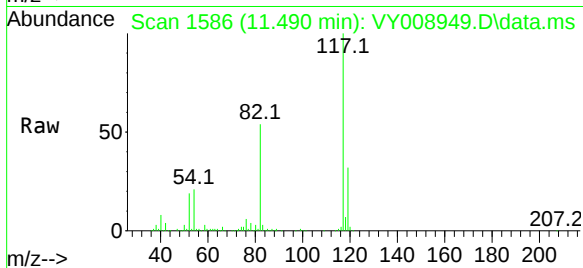
Tgt Ion:117 Resp: 219521

Ion Ratio Lower Upper

117 100

82 53.5 43.0 64.4

119 31.8 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: VY008949.D

Acq: 21 May 2022 15:03

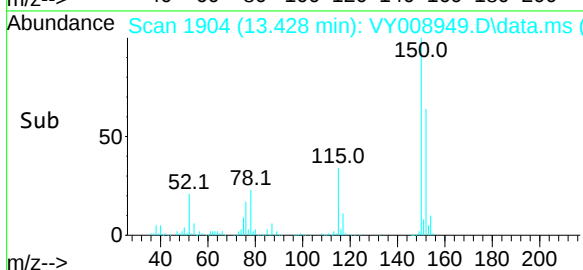
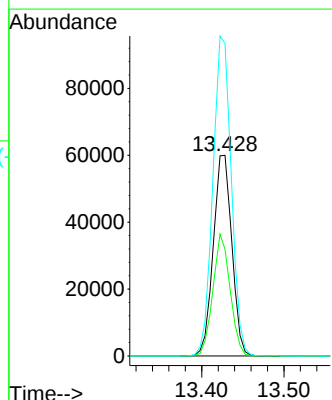
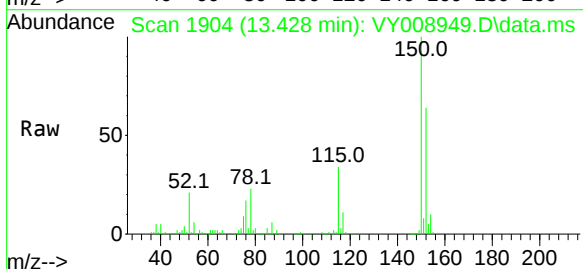
Tgt Ion:152 Resp: 94068

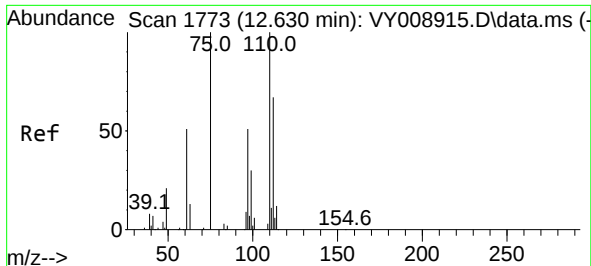
Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 157.8 0.0 347.6

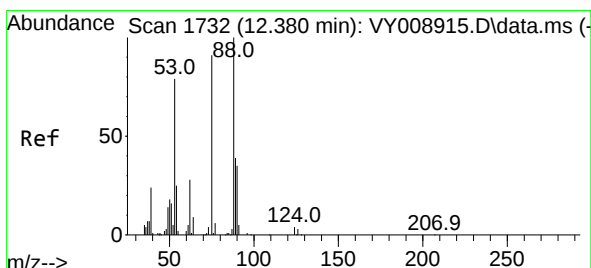
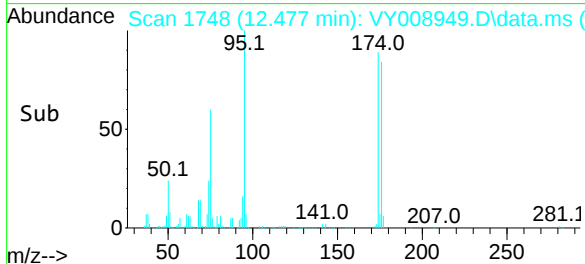
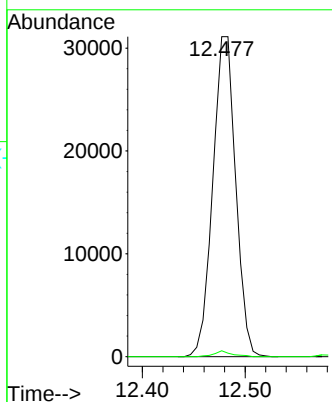
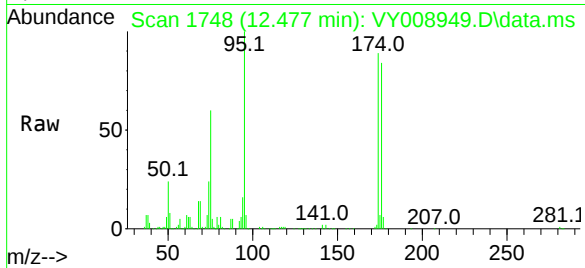




#76
1,2,3-Trichloropropane
Concen: 47.701 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY008949.D
Acq: 21 May 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
P013-SS003-0006-01

Tgt Ion: 75 Resp: 48186
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.905 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY008949.D
Acq: 21 May 2022 15:03

Tgt Ion: 75 Resp: 48186
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

