

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008952.D
 Acq On : 21 May 2022 16:13
 Operator : KP/MD
 Sample : N2919-17
 Misc : 4.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P013-SS006-0006-01

Quant Time: May 21 21:30:39 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)

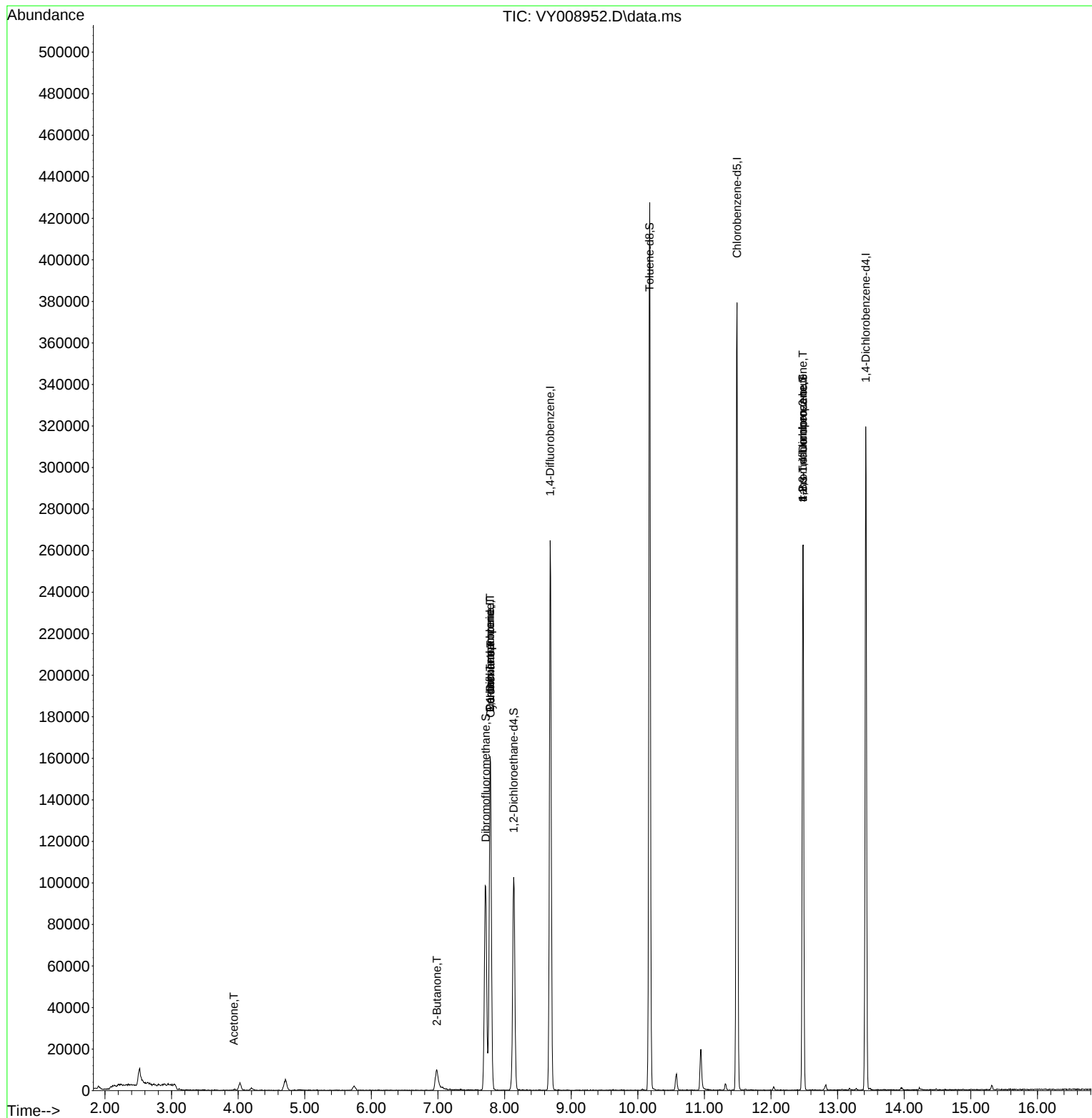
Internal Standards						
1) Pentafluorobenzene	7.783	168	121913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	218641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	197976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	77827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76679	61.113	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.220%			
35) Dibromofluoromethane	7.716	113	69463	51.091	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.180%			
50) Toluene-d8	10.179	98	268359	53.503	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.000%			
62) 4-Bromofluorobenzene	12.477	95	71623	35.399	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 70.800%			
Target Compounds						
16) Acetone	3.936	43	797	3.052	ug/l #	47
20) Methylene Chloride	4.710	84	3678	Below Cal		86
25) 2-Butanone	6.984	43	662	1.419	ug/l #	54
31) Cyclohexane	7.789	56	3142	1.280	ug/l #	34
36) 1,1-Dichloropropene	7.783	75	10320	4.460	ug/l #	50
38) Carbon Tetrachloride	7.783	117	12006	4.960	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	41884	50.114	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	41884	102.860	ug/l #	7

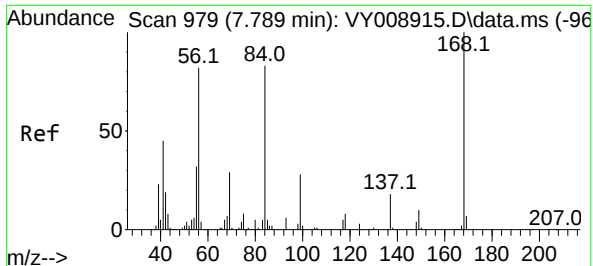
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

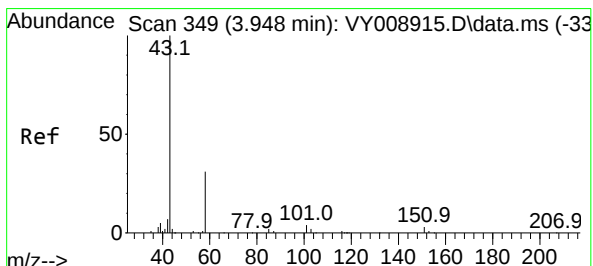
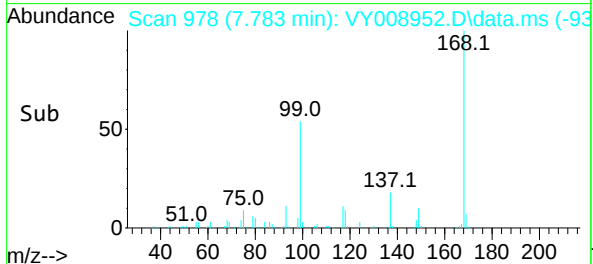
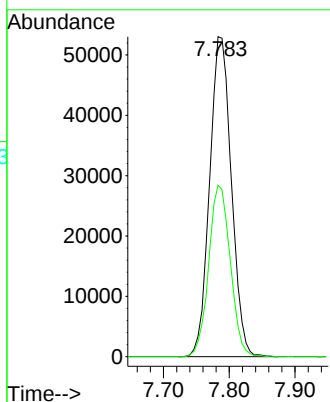
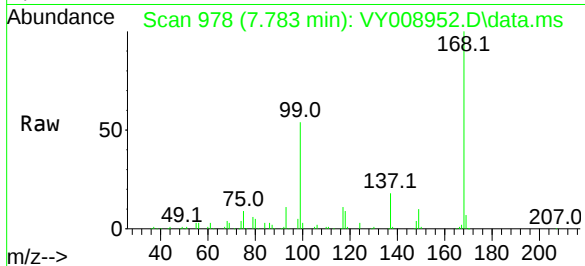




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008952.D
Acq: 21 May 2022 16:13

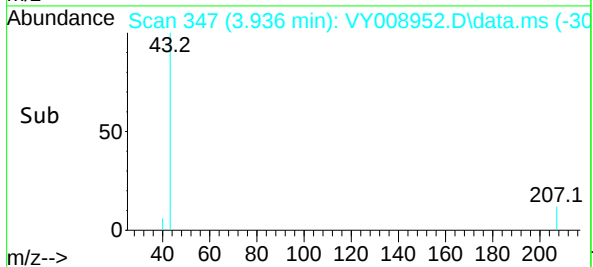
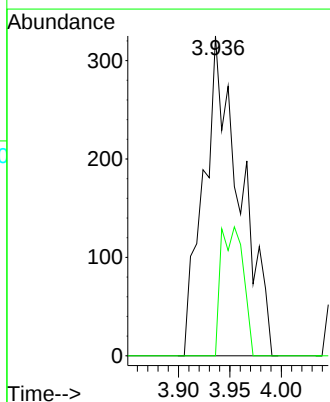
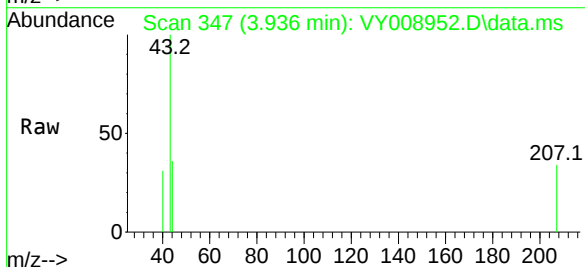
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS006-0006-01

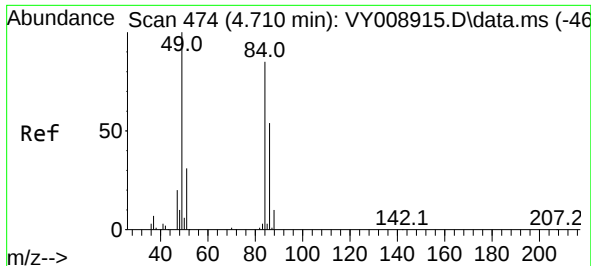
Tgt Ion:168 Resp: 121913
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#16
Acetone
Concen: 3.052 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY008952.D
Acq: 21 May 2022 16:13

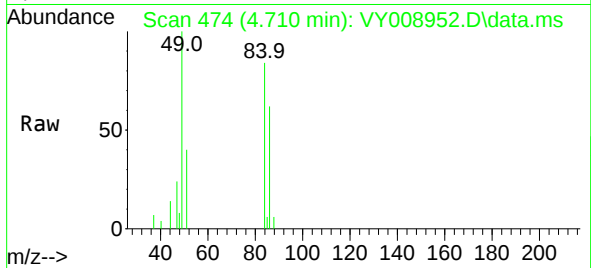
Tgt Ion: 43 Resp: 797
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



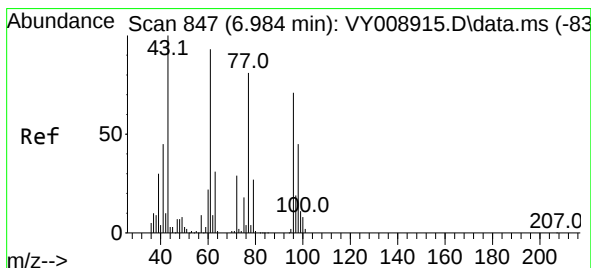
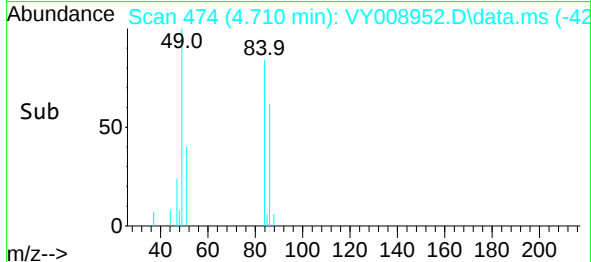
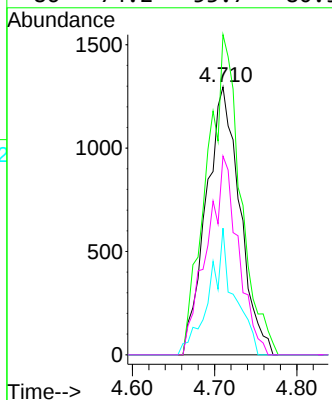


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008952.D
Acq: 21 May 2022 16:13

Instrument :
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ClientSampleId :
P013-SS006-0006-01

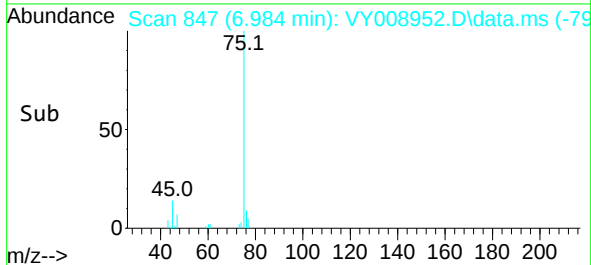
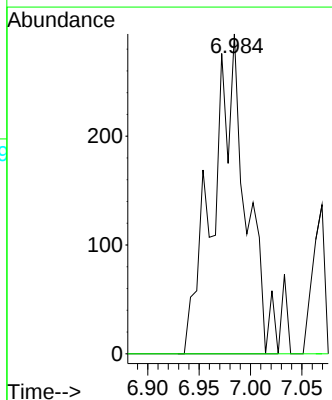
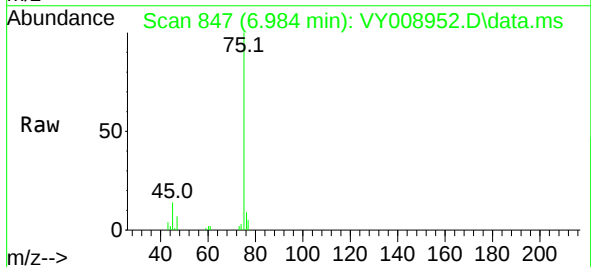


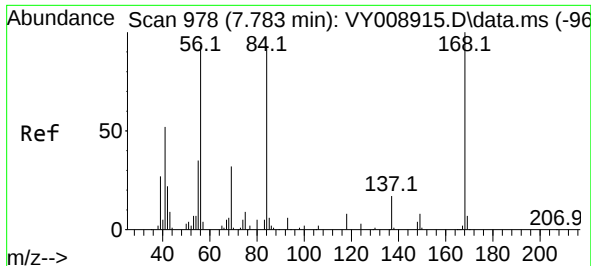
Tgt Ion: 84 Resp: 3678
Ion Ratio Lower Upper
84 100
49 119.5 114.4 171.6
51 47.3 35.3 52.9
86 74.2 53.7 80.5



#25
2-Butanone
Concen: 1.419 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008952.D
Acq: 21 May 2022 16:13

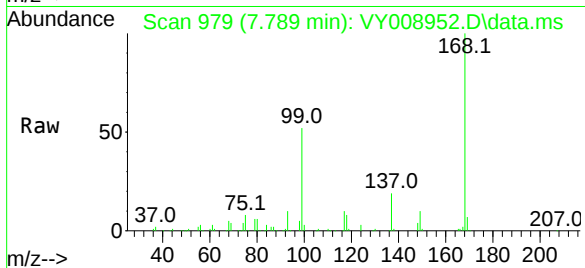
Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



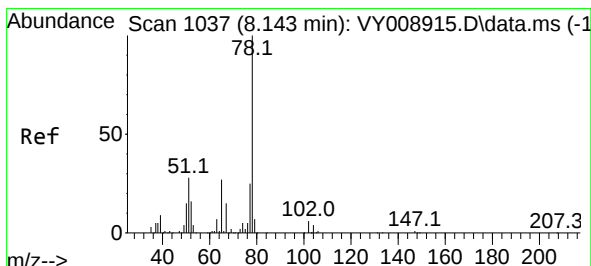
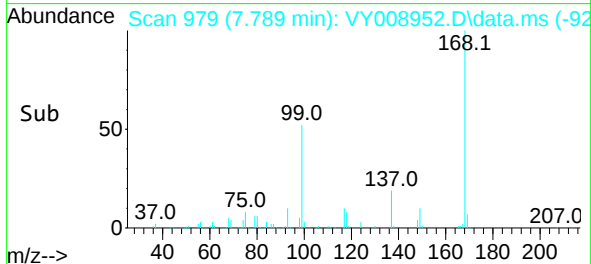
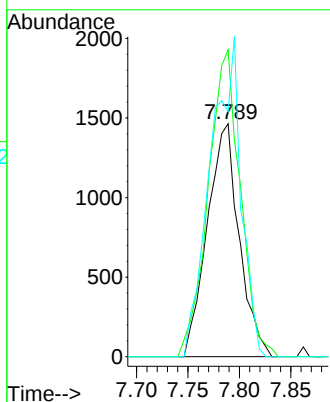


#31
Cyclohexane
Concen: 1.280 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008952.D
Acq: 21 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
P013-SS006-0006-01

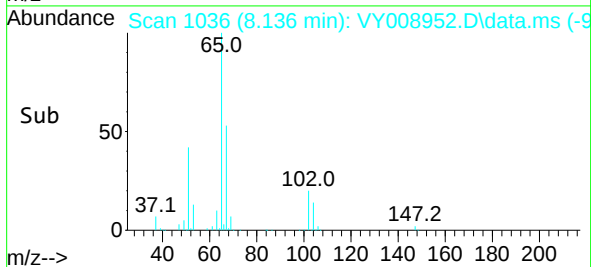
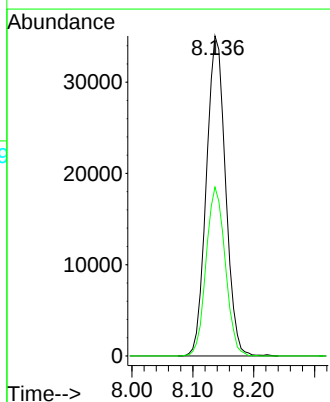
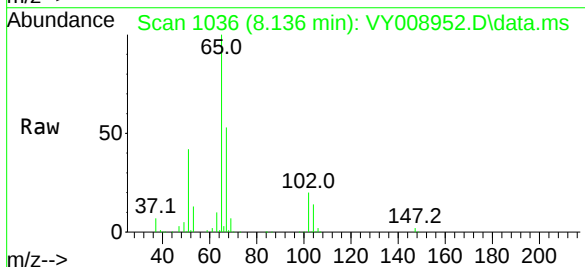


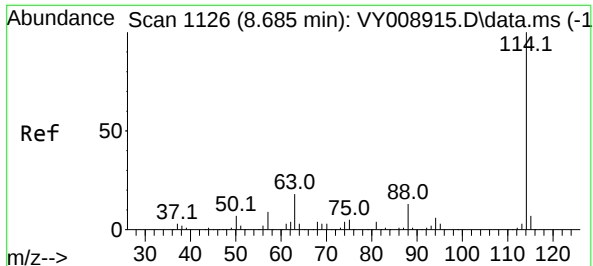
Tgt Ion: 56 Resp: 3142
Ion Ratio Lower Upper
56 100
69 131.8 26.7 40.1#
84 105.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.113 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008952.D
Acq: 21 May 2022 16:13

Tgt Ion: 65 Resp: 76679
Ion Ratio Lower Upper
65 100
67 52.6 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: VY008952.D

Acq: 21 May 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

P013-SS006-0006-01

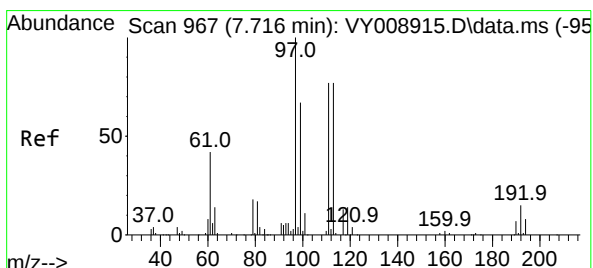
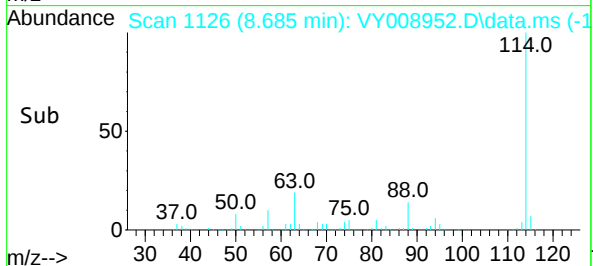
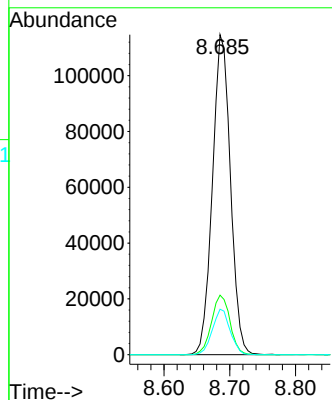
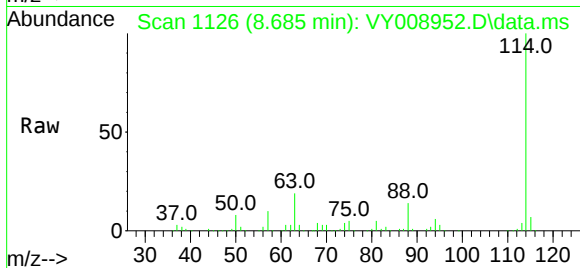
Tgt Ion:114 Resp: 218641

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.091 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008952.D

Acq: 21 May 2022 16:13

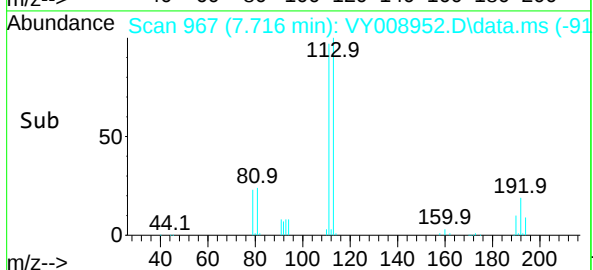
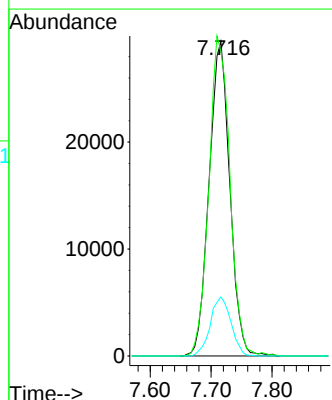
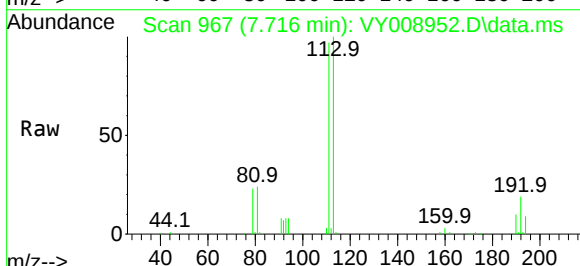
Tgt Ion:113 Resp: 69463

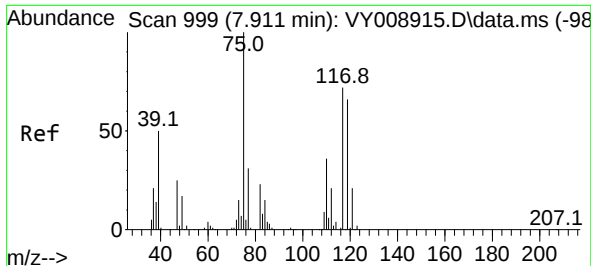
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 18.7 17.6 26.4

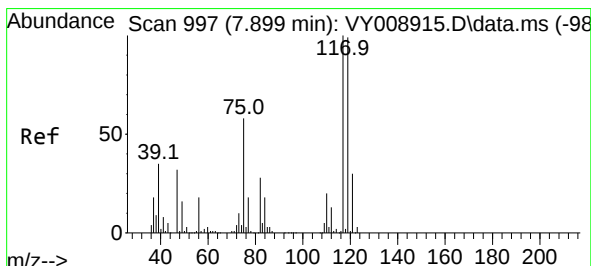
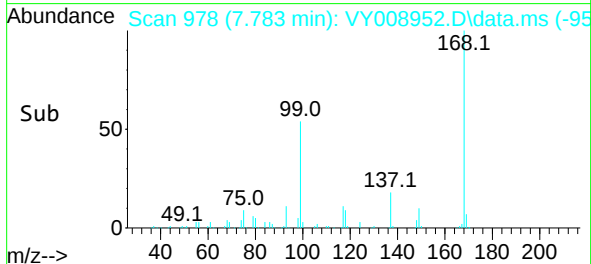
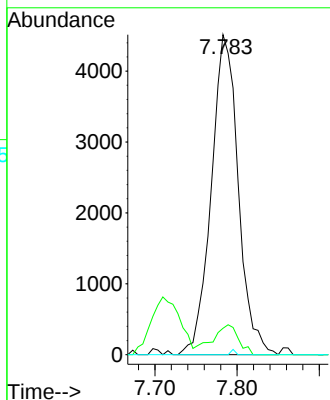
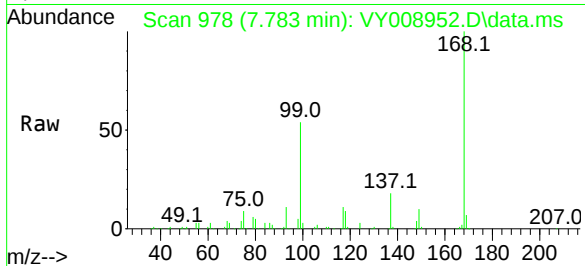




#36
1,1-Dichloropropene
Concen: 4.460 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008952.D
Acq: 21 May 2022 16:13

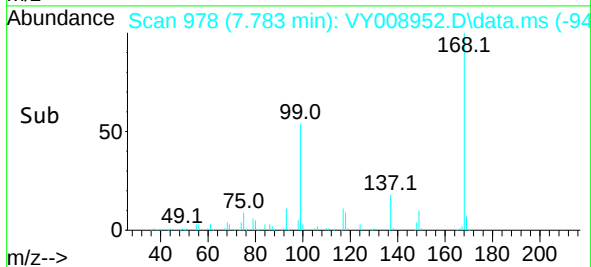
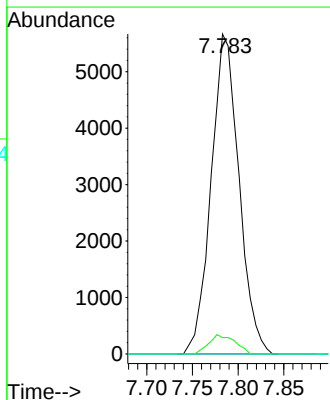
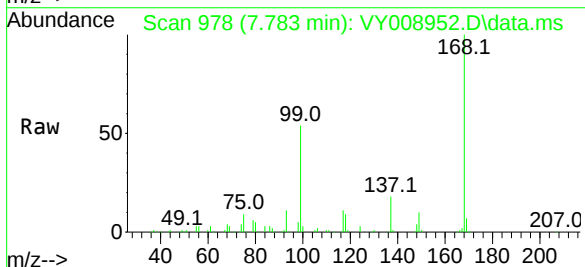
Instrument :
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P013-SS006-0006-01

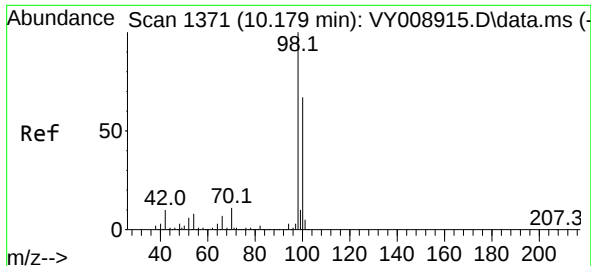
Tgt Ion: 75 Resp: 10320
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.2#
77 0.3 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.960 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY008952.D
Acq: 21 May 2022 16:13

Tgt Ion: 117 Resp: 12006
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#

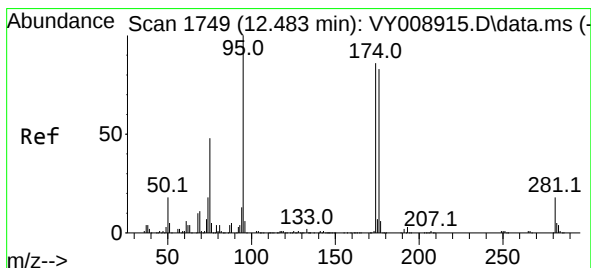
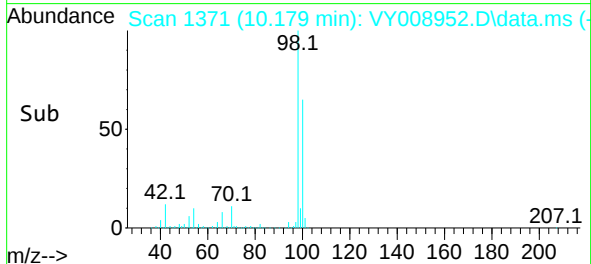
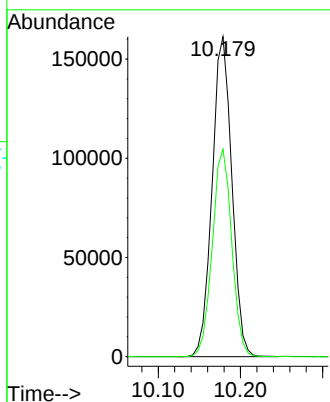
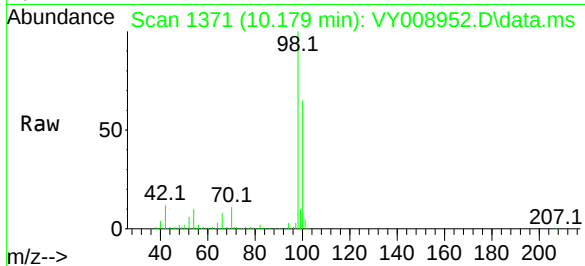




#50
Toluene-d8
Concen: 53.503 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008952.D
Acq: 21 May 2022 16:13

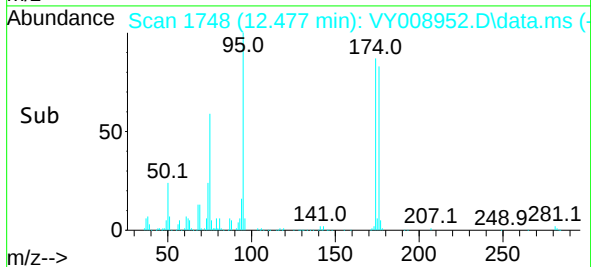
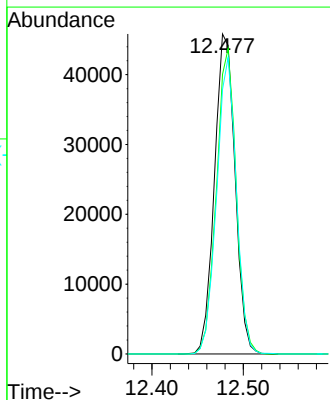
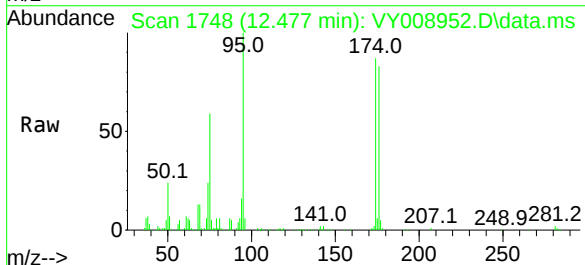
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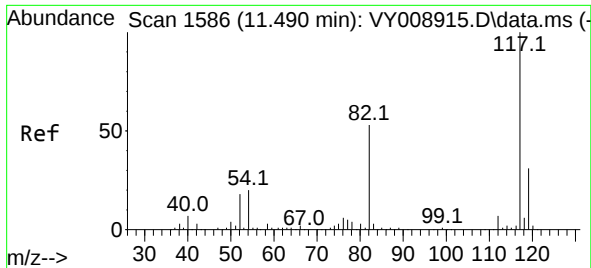
Tgt Ion: 98 Resp: 268359
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.399 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008952.D
Acq: 21 May 2022 16:13

Tgt Ion: 95 Resp: 71623
Ion Ratio Lower Upper
95 100
174 92.1 0.0 177.0
176 89.0 0.0 175.8

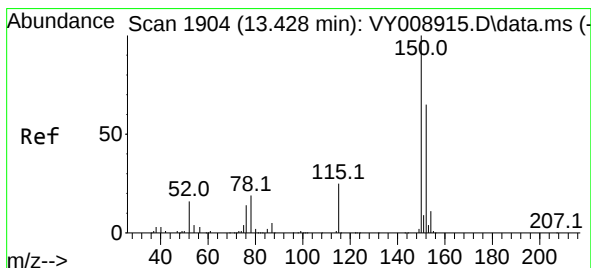
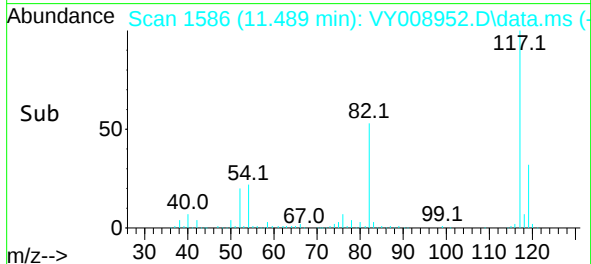
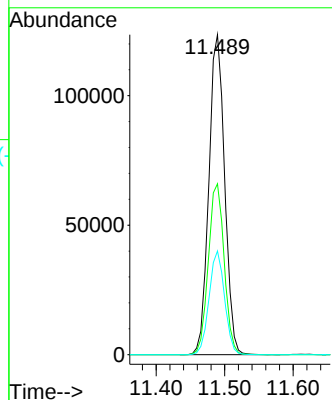
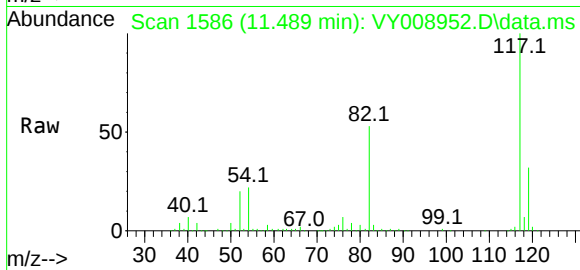




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008952.D
Acq: 21 May 2022 16:13

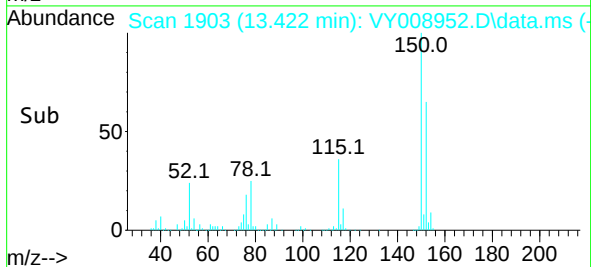
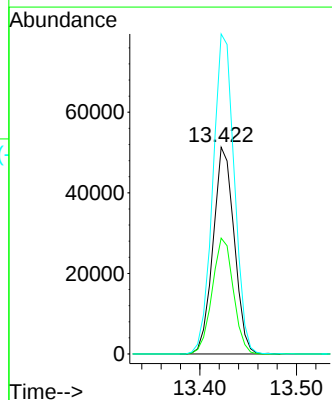
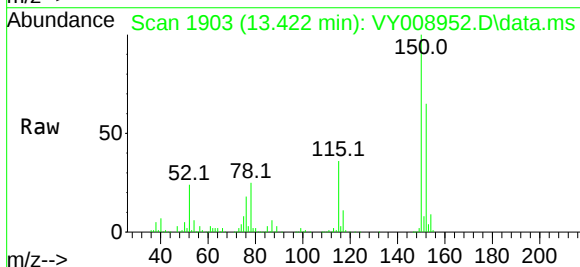
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS006-0006-01

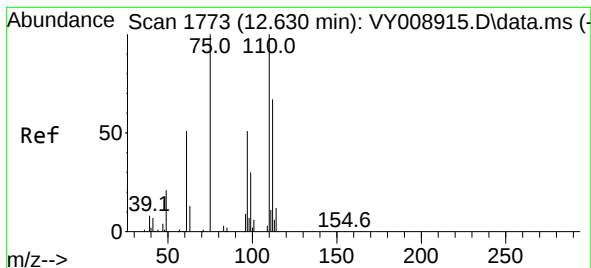
Tgt Ion:117 Resp: 197976
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008952.D
Acq: 21 May 2022 16:13

Tgt Ion:152 Resp: 77827
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 157.2 0.0 347.6

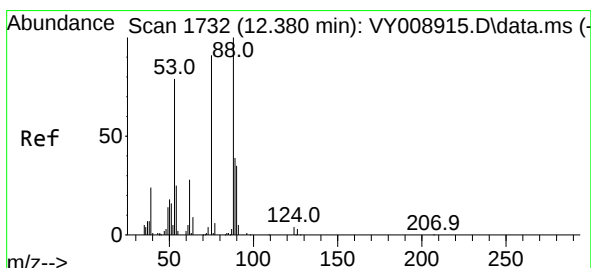
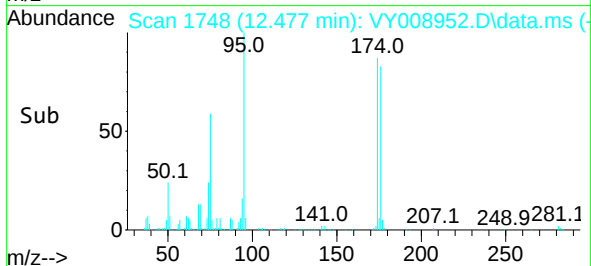
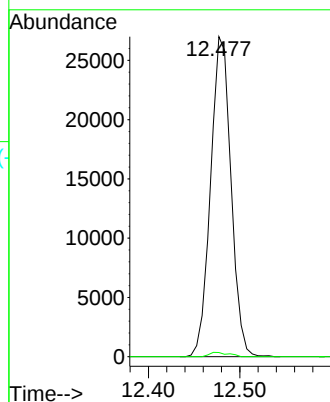
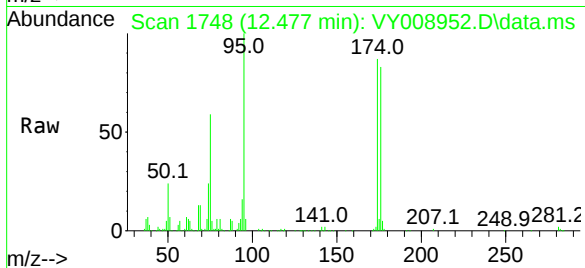




#76
1,2,3-Trichloropropane
Concen: 50.114 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY008952.D
Acq: 21 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
P013-SS006-0006-01

Tgt Ion: 75 Resp: 41884
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.860 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY008952.D
Acq: 21 May 2022 16:13

Tgt Ion: 75 Resp: 41884
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

