

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008990.D
 Acq On : 22 May 2022 08:32
 Operator : KP/MD
 Sample : N2919-05
 Misc : 4.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P028-SS001-0612-01

Quant Time: May 23 02:28:30 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)

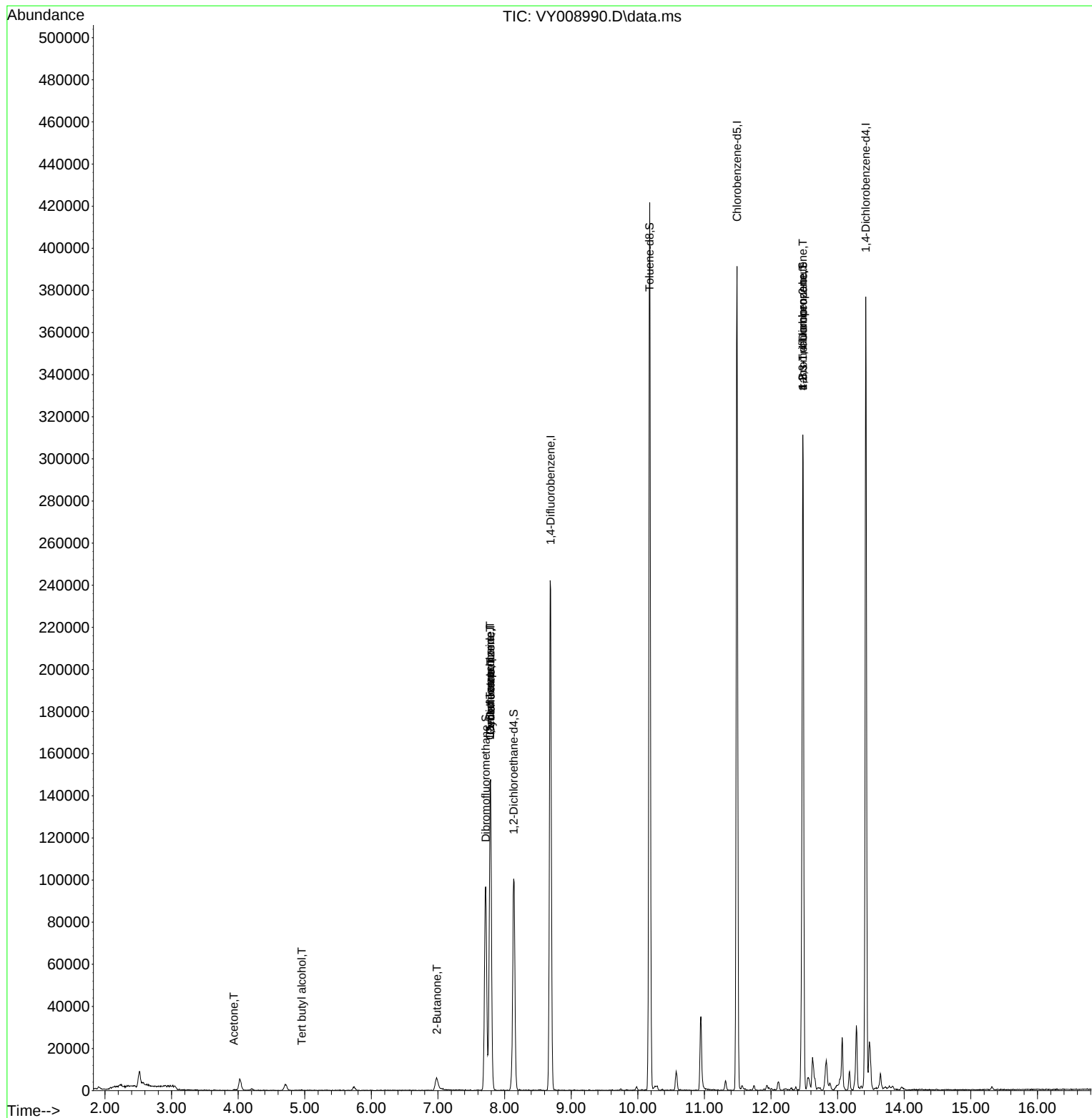
Internal Standards						
1) Pentafluorobenzene	7.789	168	112129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	203872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	199007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	74727	64.754	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 129.500%	
35) Dibromofluoromethane	7.716	113	65995	52.056	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 104.120%	
50) Toluene-d8	10.179	98	263575	56.356	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 112.720%	
62) 4-Bromofluorobenzene	12.477	95	79748	42.270	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 84.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	187	1.598	ug/l #	77
16) Acetone	3.936	43	723	3.010	ug/l #	85
20) Methylene Chloride	4.716	84	2061	Below Cal		89
25) 2-Butanone	6.984	43	459	1.070	ug/l #	54
31) Cyclohexane	7.789	56	2839	1.258	ug/l #	20
36) 1,1-Dichloropropene	7.783	75	9664	4.479	ug/l #	51
38) Carbon Tetrachloride	7.783	117	11503	5.097	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	46967	49.813	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46967	102.241	ug/l #	9

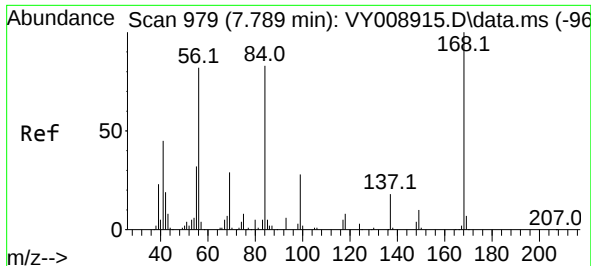
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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P028-SS001-0612-01

Quant Time: May 23 02:28:30 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

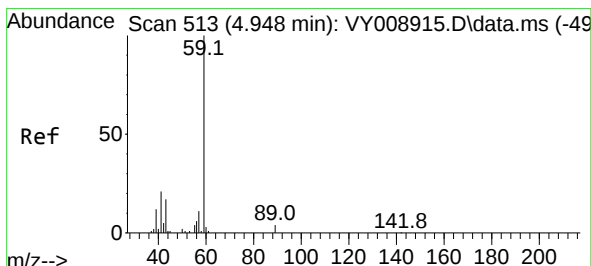
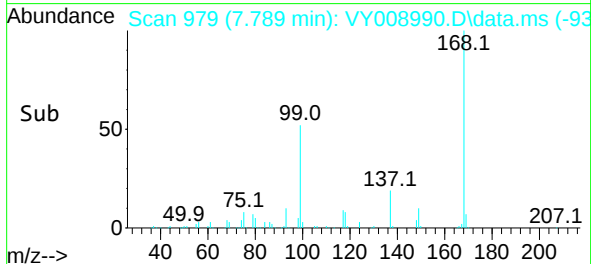
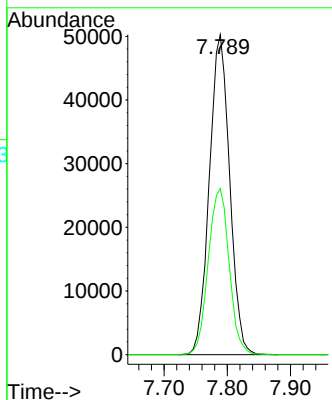
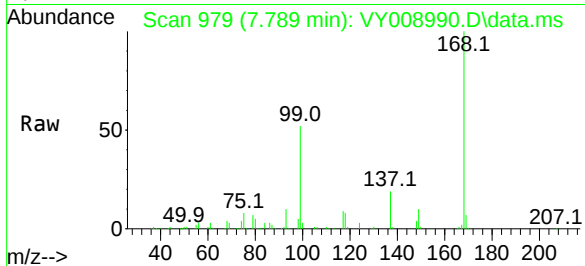




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008990.D
Acq: 22 May 2022 08:32

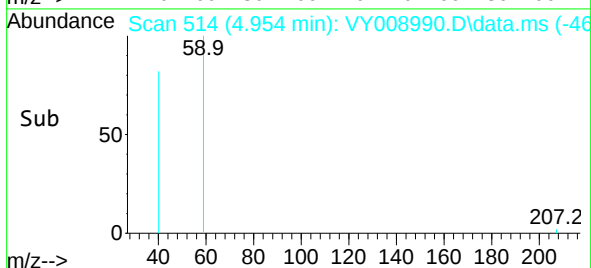
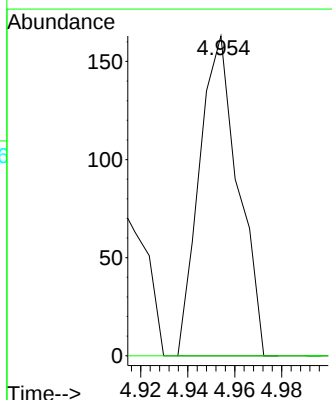
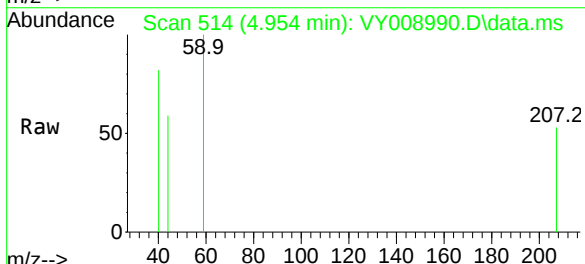
Instrument :
MSVOA_Y
ClientSampleId :
P028-SS001-0612-01

Tgt Ion:168 Resp: 112129
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.598 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY008990.D
Acq: 22 May 2022 08:32

Tgt Ion: 59 Resp: 187
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

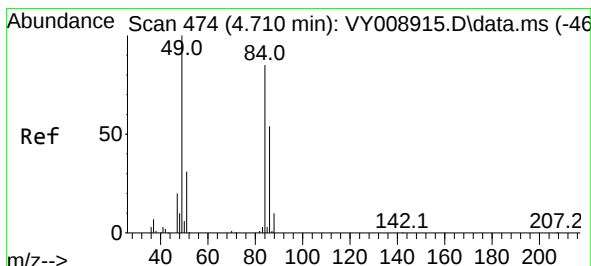
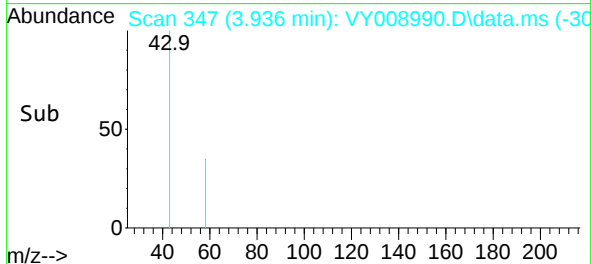
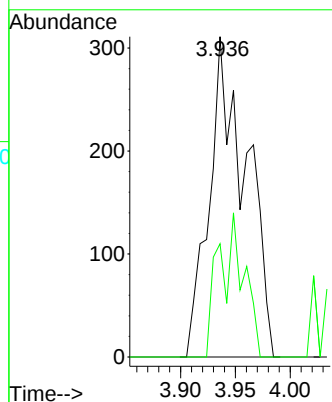
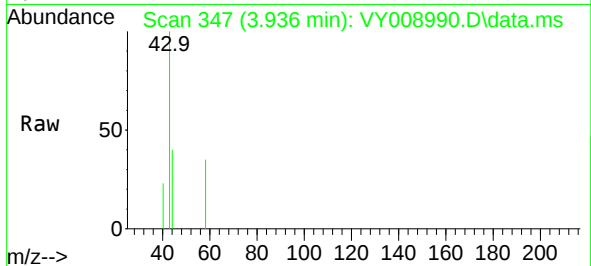




#16
Acetone
Concen: 3.010 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY008990.D
Acq: 22 May 2022 08:32

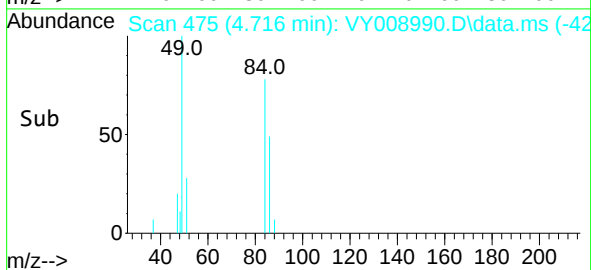
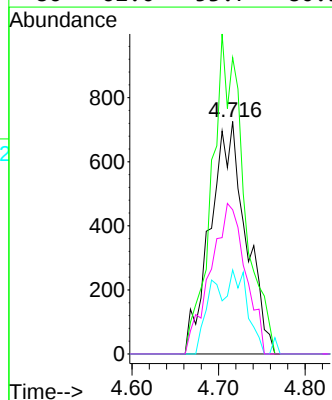
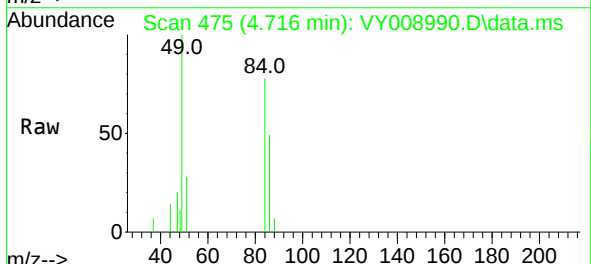
Instrument :
MSVOA_Y
ClientSampleId :
P028-SS001-0612-01

Tgt Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
58 35.4 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008990.D
Acq: 22 May 2022 08:32

Tgt Ion: 84 Resp: 2061
Ion Ratio Lower Upper
84 100
49 127.4 114.4 171.6
51 36.1 35.3 52.9
86 62.0 53.7 80.5

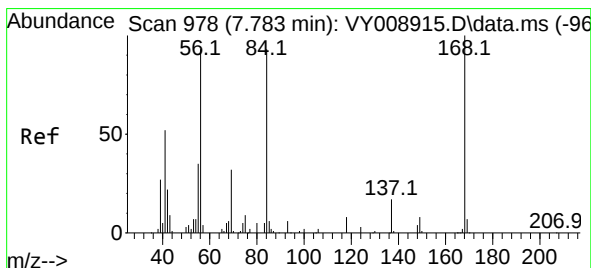
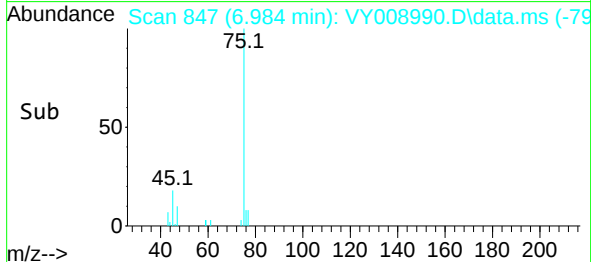
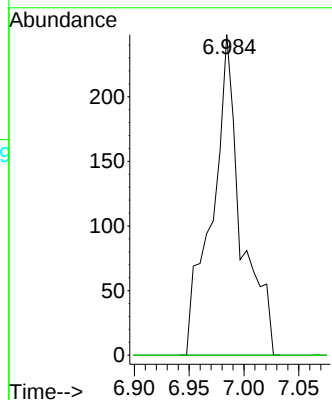
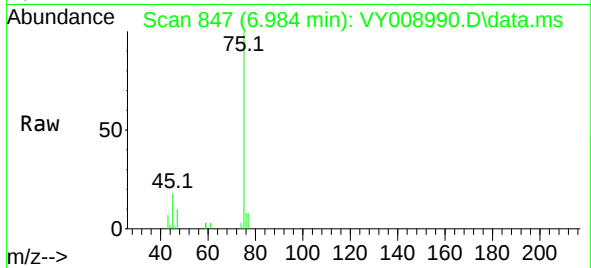




#25
2-Butanone
Concen: 1.070 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008990.D
Acq: 22 May 2022 08:32

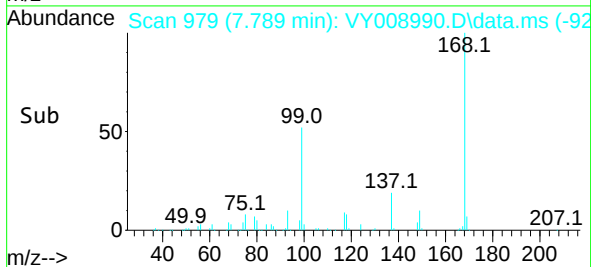
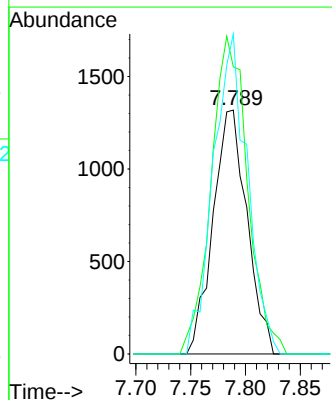
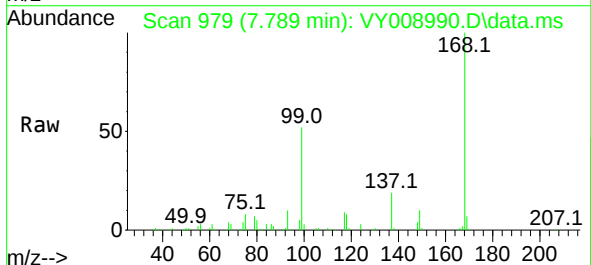
Instrument :
MSVOA_Y
ClientSampleId :
P028-SS001-0612-01

Tgt Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.258 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008990.D
Acq: 22 May 2022 08:32

Tgt Ion: 56 Resp: 2839
Ion Ratio Lower Upper
56 100
69 117.8 26.7 40.1#
84 131.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 64.754 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY008990.D

Acq: 22 May 2022 08:32

Instrument :

MSVOA_Y

ClientSampleId :

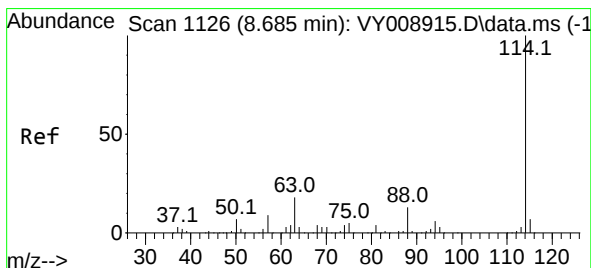
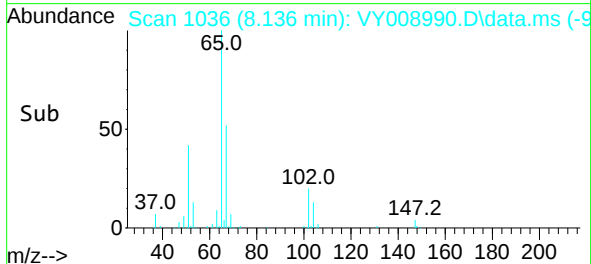
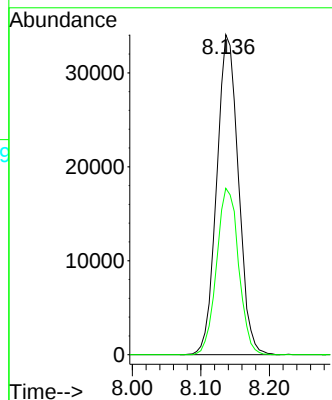
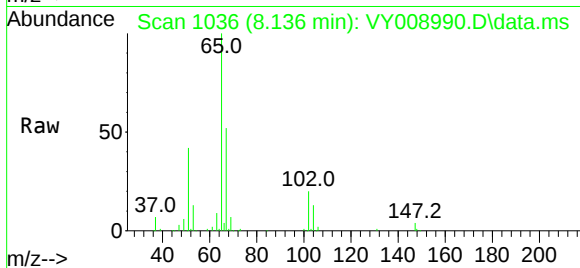
P028-SS001-0612-01

Tgt Ion: 65 Resp: 74727

Ion Ratio Lower Upper

65 100

67 52.8 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: VY008990.D

Acq: 22 May 2022 08:32

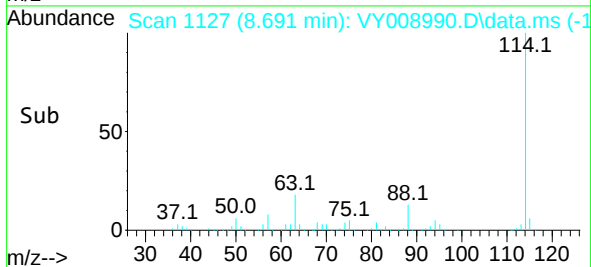
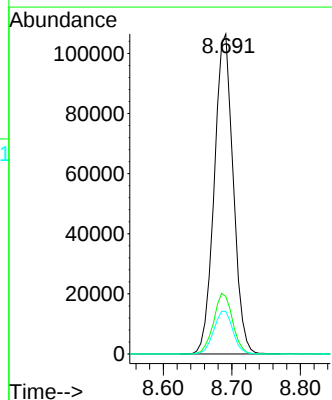
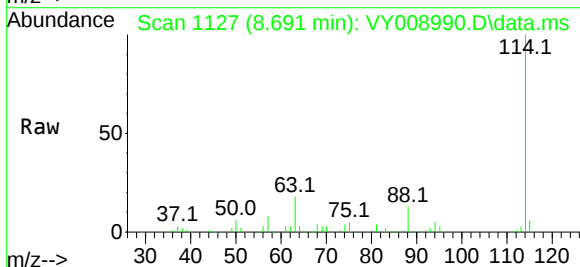
Tgt Ion: 114 Resp: 203872

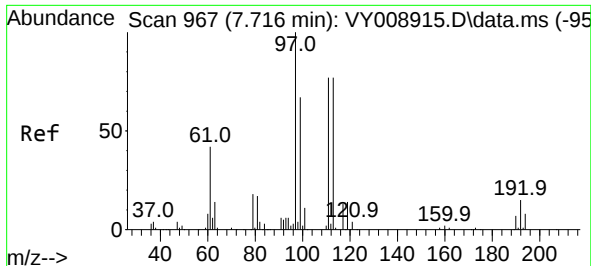
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 13.3 0.0 31.8

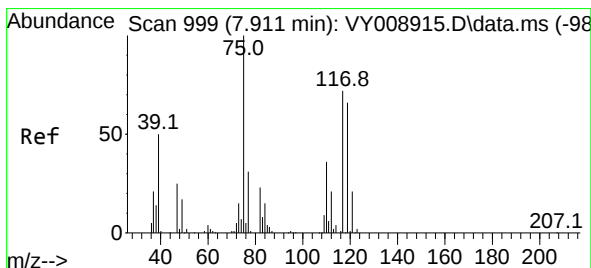
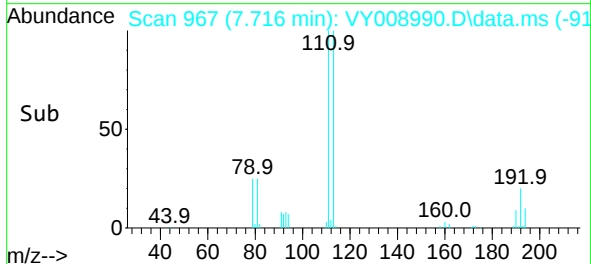
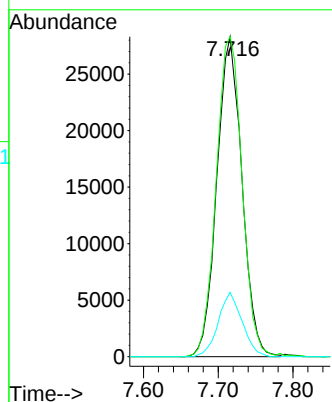
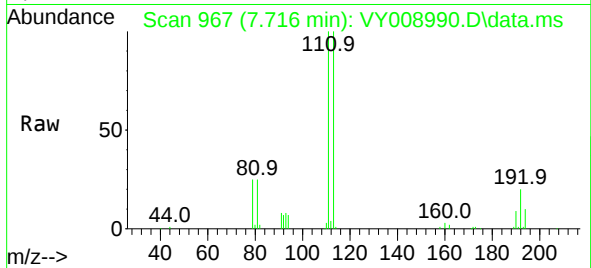




#35
Dibromofluoromethane
Concen: 52.056 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008990.D
Acq: 22 May 2022 08:32

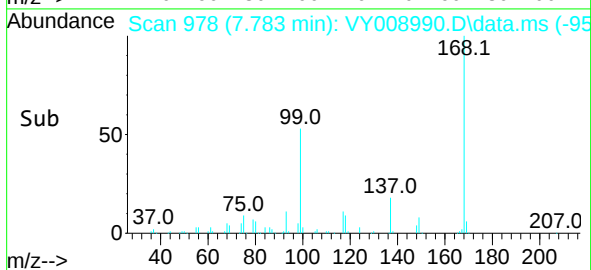
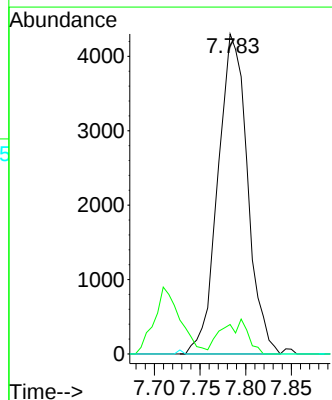
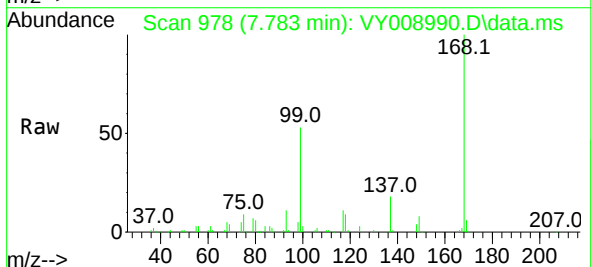
Instrument :
MSVOA_Y
ClientSampleId :
P028-SS001-0612-01

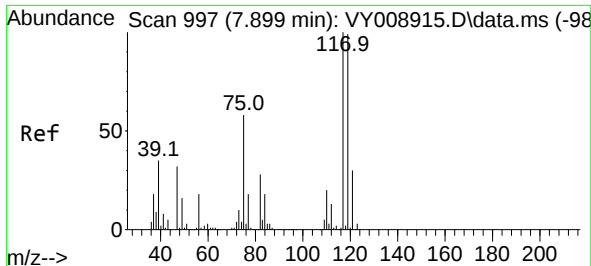
Tgt Ion:113 Resp: 65995
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 19.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.479 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY008990.D
Acq: 22 May 2022 08:32

Tgt Ion: 75 Resp: 9664
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#

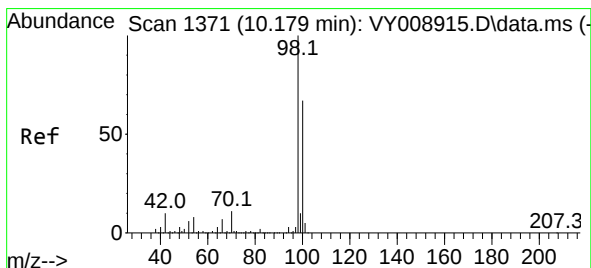
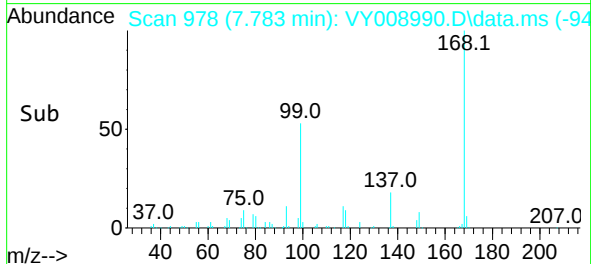
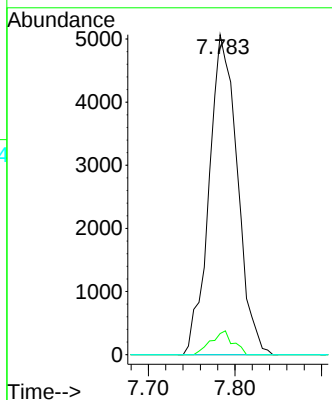
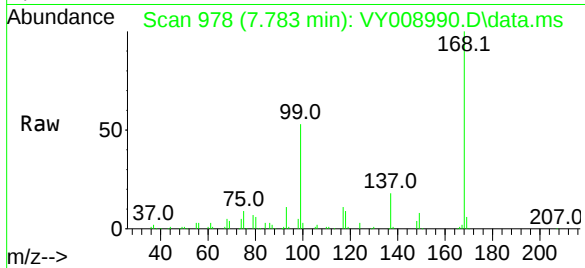




#38
Carbon Tetrachloride
Concen: 5.097 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008990.D
Acq: 22 May 2022 08:32

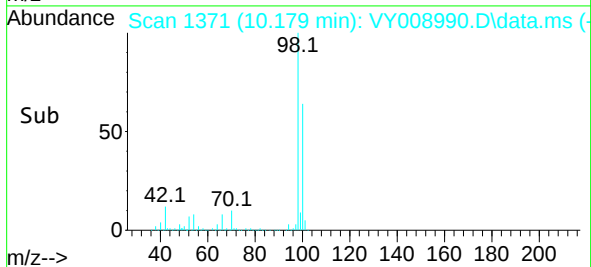
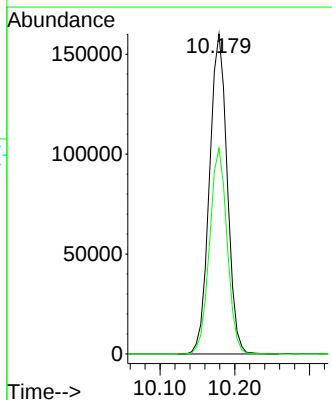
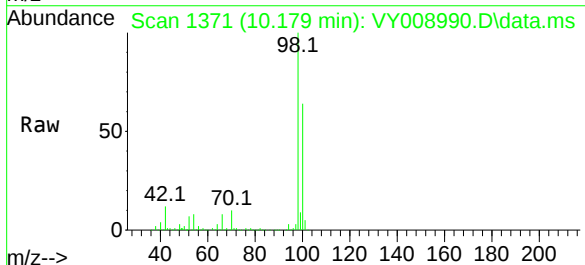
Instrument :
MSVOA_Y
ClientSampleId :
P028-SS001-0612-01

Tgt Ion:117 Resp: 11503
Ion Ratio Lower Upper
117 100
119 6.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 56.356 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008990.D
Acq: 22 May 2022 08:32

Tgt Ion: 98 Resp: 263575
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

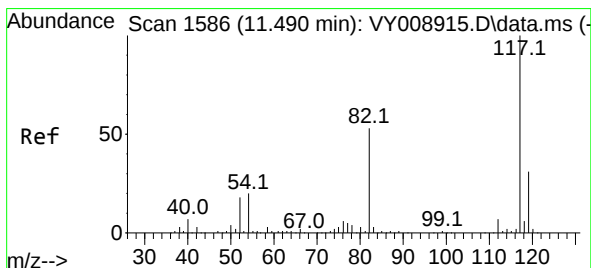
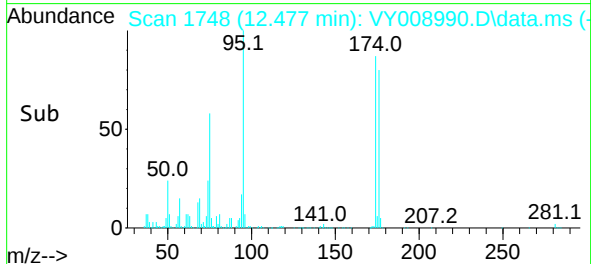
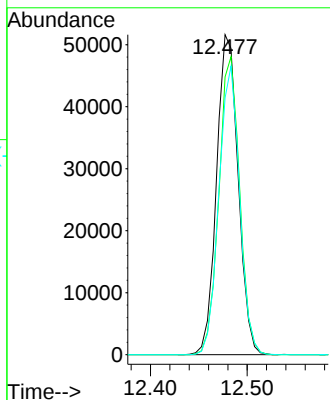
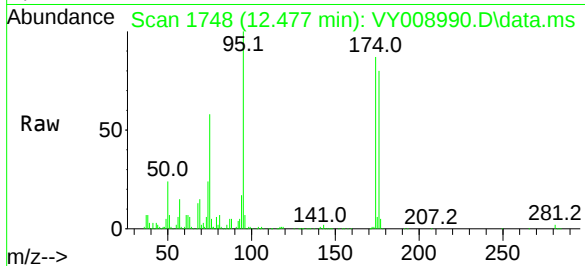




#62
4-Bromofluorobenzene
Concen: 42.270 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008990.D
Acq: 22 May 2022 08:32

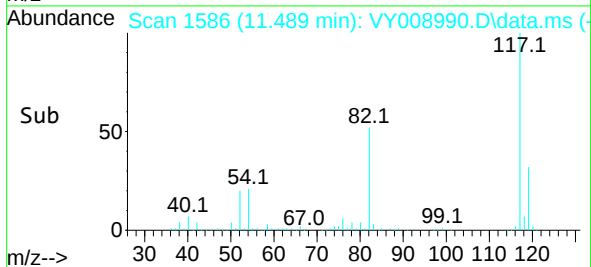
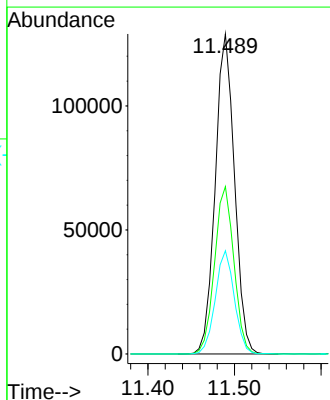
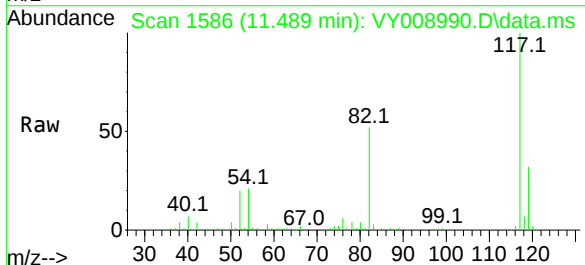
Instrument :
MSVOA_Y
ClientSampleId :
P028-SS001-0612-01

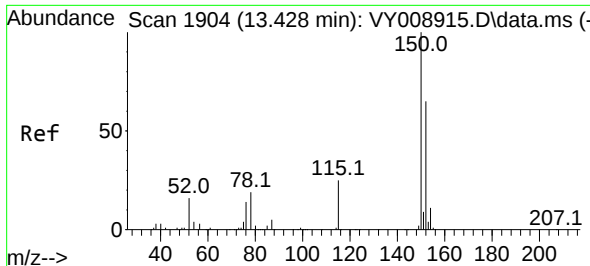
Tgt Ion: 95 Resp: 79748
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.0
176 87.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008990.D
Acq: 22 May 2022 08:32

Tgt Ion: 117 Resp: 199007
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.3 25.4 38.0

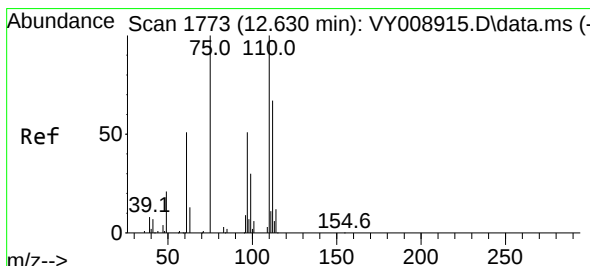
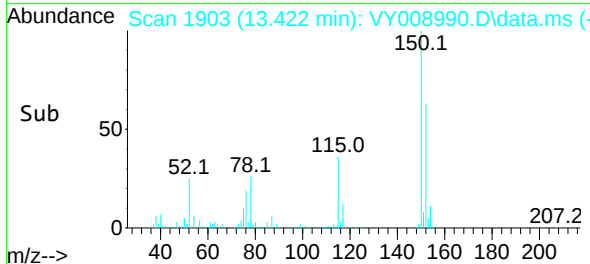
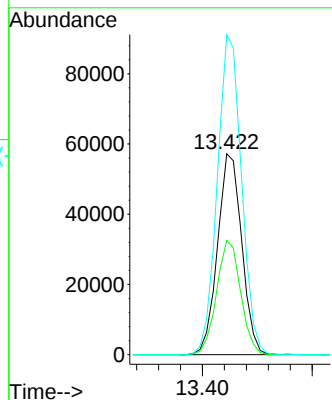
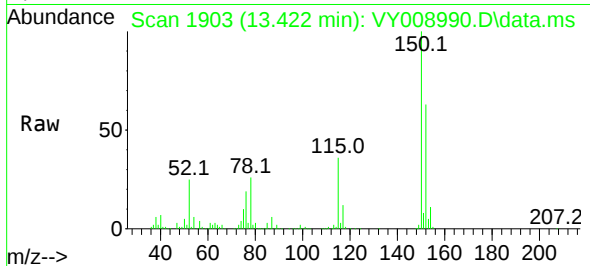




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 14
 Delta R.T. -0.006 min
 Lab File: VY008990.D
 Acq: 22 May 2022 08:32

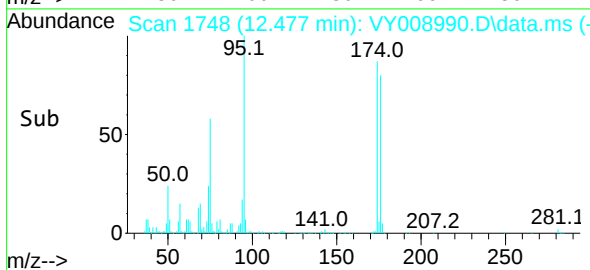
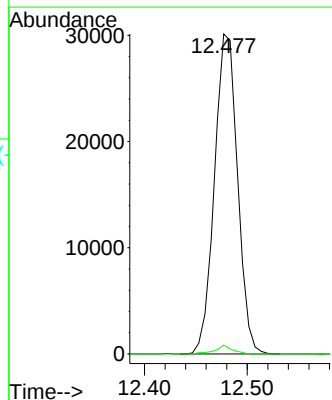
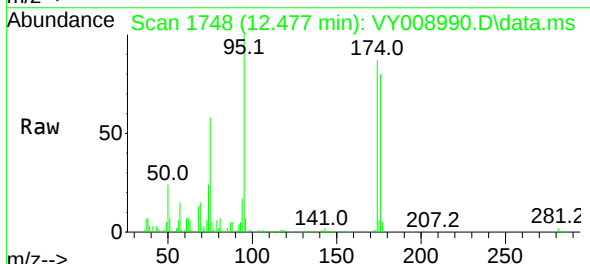
Instrument :
 MSVOA_Y
 ClientSampleId :
 P028-SS001-0612-01

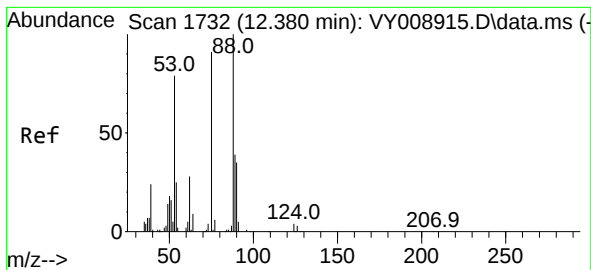
Tgt Ion:152 Resp: 87800
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.2 84.7
 150 159.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 49.813 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY008990.D
 Acq: 22 May 2022 08:32

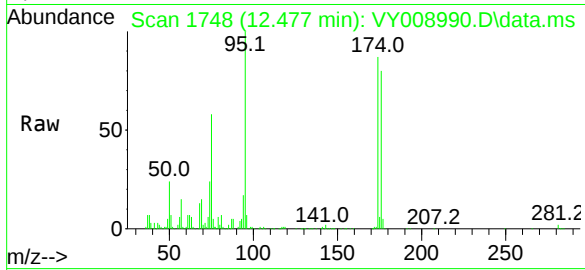
Tgt Ion: 75 Resp: 46967
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.241 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY008990.D
 Acq: 22 May 2022 08:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 P028-SS001-0612-01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	1.9	85.3	127.9#
89	0.1	37.0	55.4#

