

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009057.D
 Acq On : 24 May 2022 13:24
 Operator : KP/MD
 Sample : N2982-10
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-10

Quant Time: May 25 02:51:34 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)

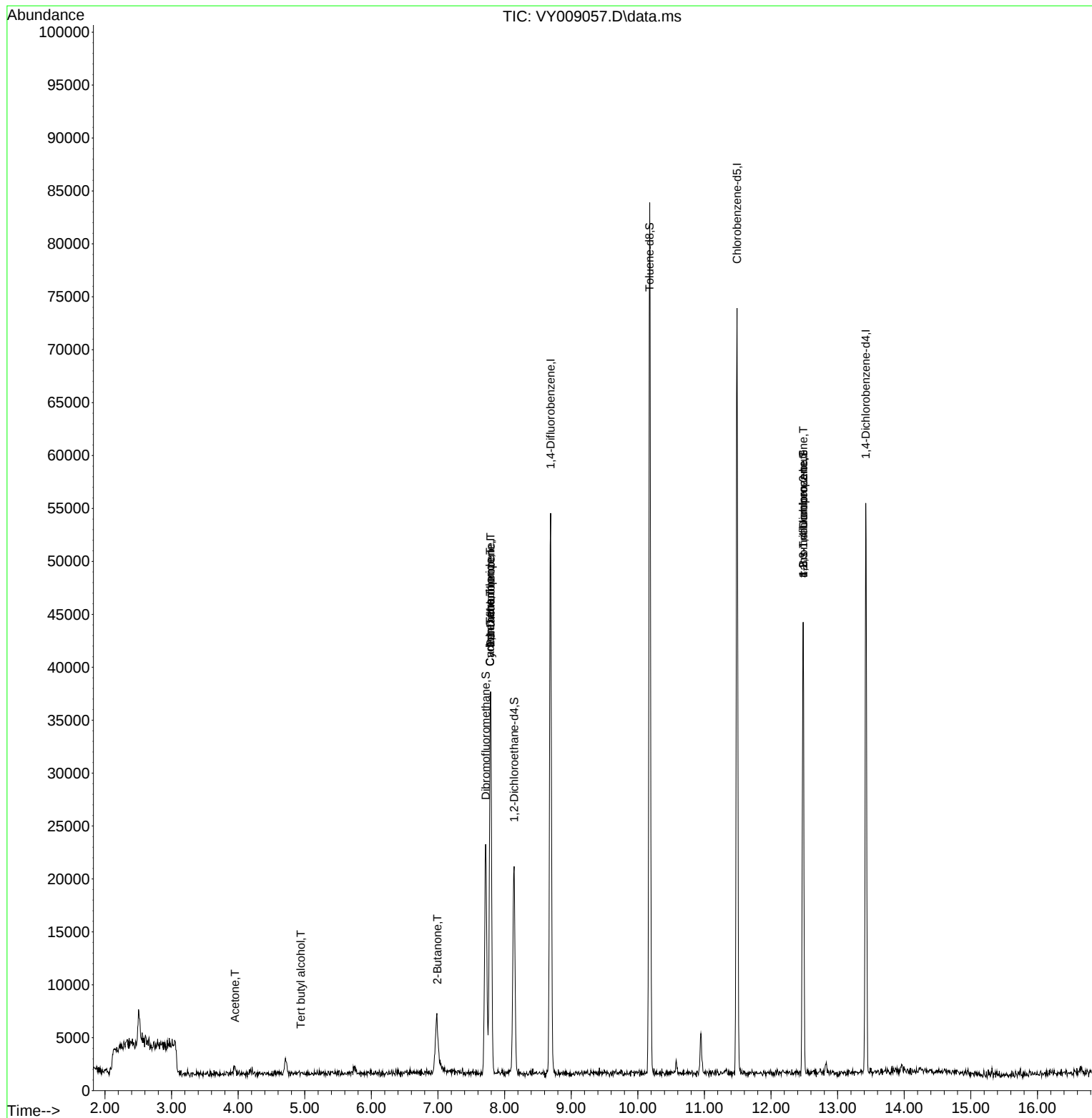
Internal Standards						
1) Pentafluorobenzene	7.789	168	27573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	44098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	37436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	12904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	14974	52.767	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.540%	
35) Dibromofluoromethane	7.716	113	14475	52.786	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.580%	
50) Toluene-d8	10.179	98	52632	52.027	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.060%	
62) 4-Bromofluorobenzene	12.483	95	11681	28.624	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 57.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	87	3.022	ug/l #	77
16) Acetone	3.954	43	1211	20.501	ug/l	95
20) Methylene Chloride	4.716	84	872	Below Cal	#	89
25) 2-Butanone	6.990	43	399	3.782	ug/l #	54
31) Cyclohexane	7.783	56	661	1.191	ug/l #	43
36) 1,1-Dichloropropene	7.789	75	2667	5.715	ug/l #	47
38) Carbon Tetrachloride	7.783	117	2839	5.815	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	6667	48.112	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	6667	98.749	ug/l #	7

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

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Data File : VY009057.D
Acq On : 24 May 2022 13:24
Operator : KP/MD
Sample : N2982-10
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P-10

Quant Time: May 25 02:51:34 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

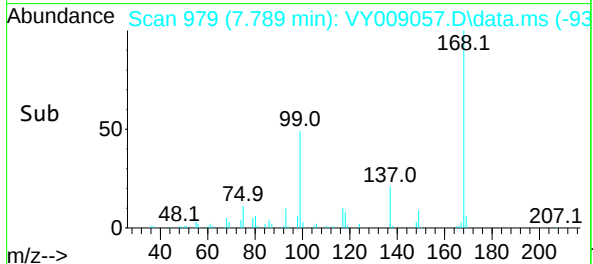
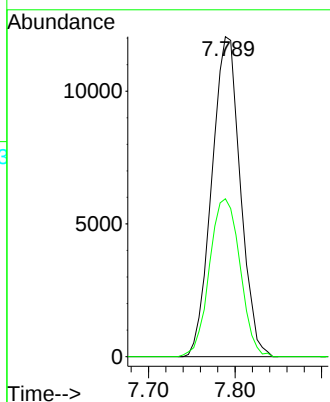
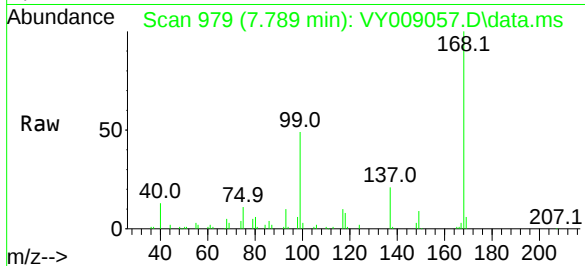




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009057.D
Acq: 24 May 2022 13:24

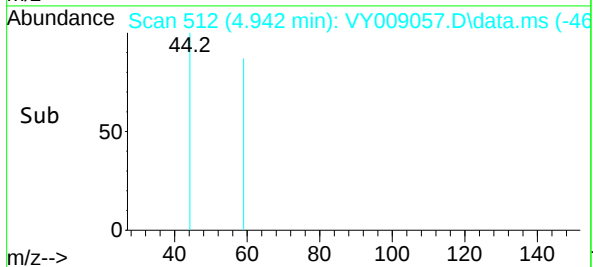
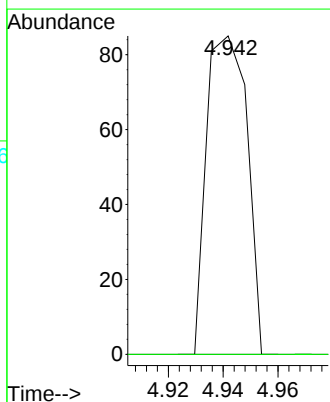
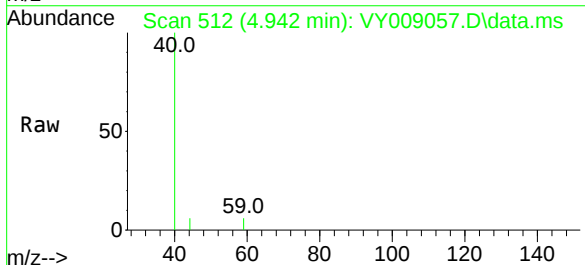
Instrument :
MSVOA_Y
ClientSampleId :
P-10

Tgt Ion:168 Resp: 27573
Ion Ratio Lower Upper
168 100
99 49.3 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.022 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009057.D
Acq: 24 May 2022 13:24

Tgt Ion: 59 Resp: 87
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

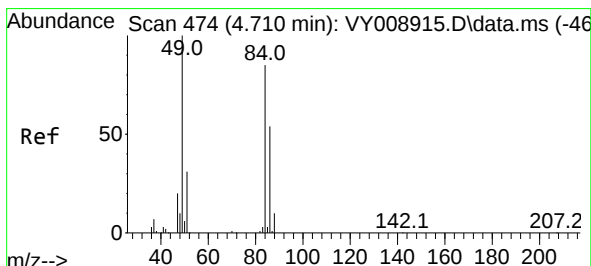
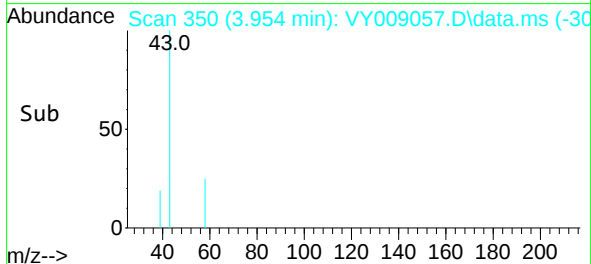
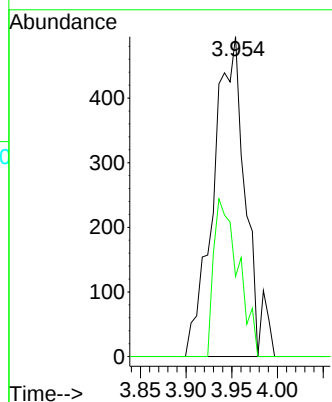
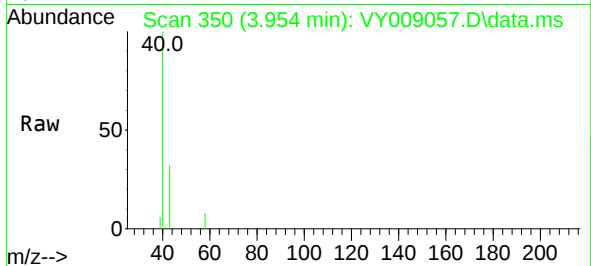




#16
Acetone
Concen: 20.501 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY009057.D
Acq: 24 May 2022 13:24

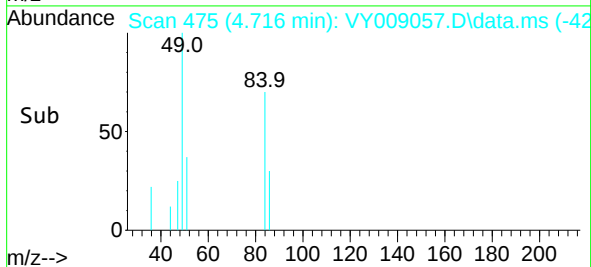
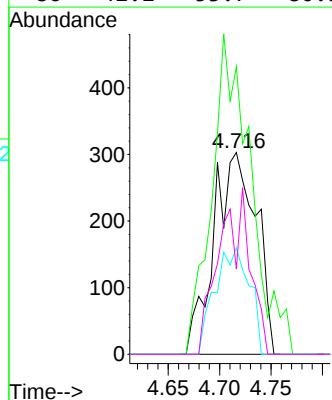
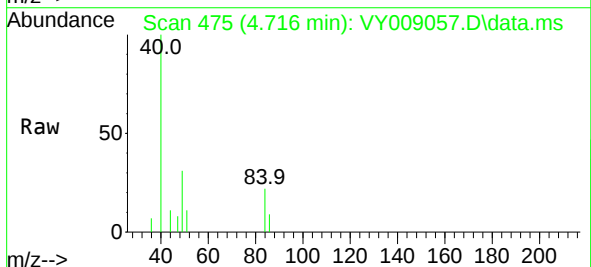
Instrument :
MSVOA_Y
ClientSampleId :
P-10

Tgt Ion: 43 Resp: 1211
Ion Ratio Lower Upper
43 100
58 25.1 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY009057.D
Acq: 24 May 2022 13:24

Tgt Ion: 84 Resp: 872
Ion Ratio Lower Upper
84 100
49 142.6 114.4 171.6
51 52.8 35.3 52.9
86 42.2 53.7 80.5#

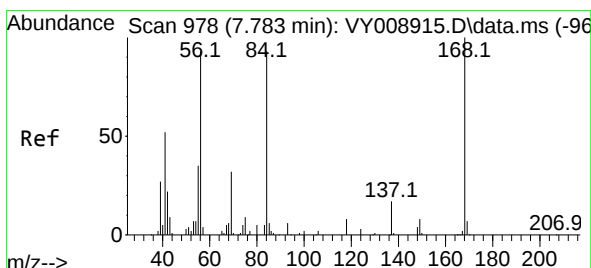
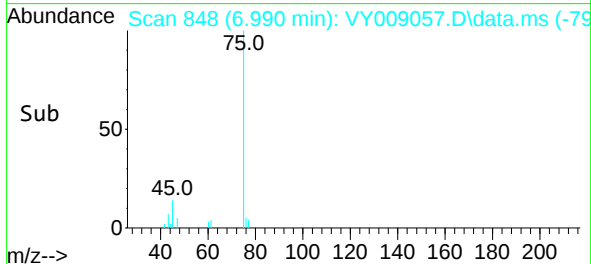
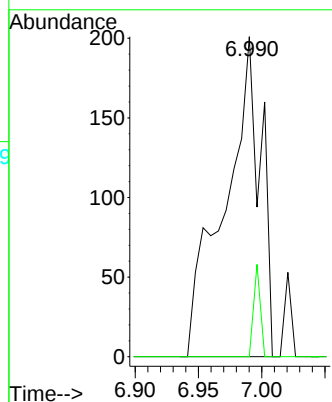
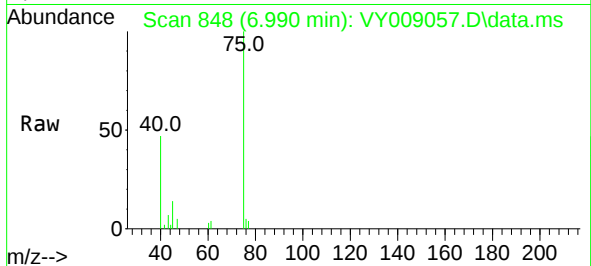




#25
2-Butanone
Concen: 3.782 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY009057.D
Acq: 24 May 2022 13:24

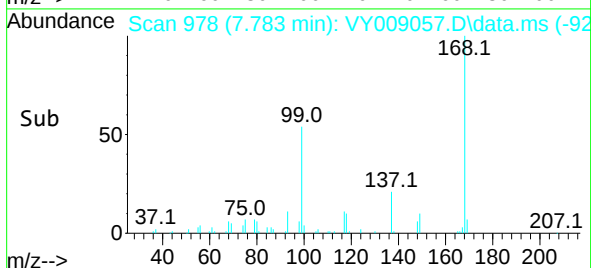
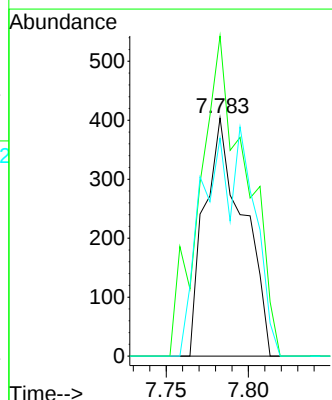
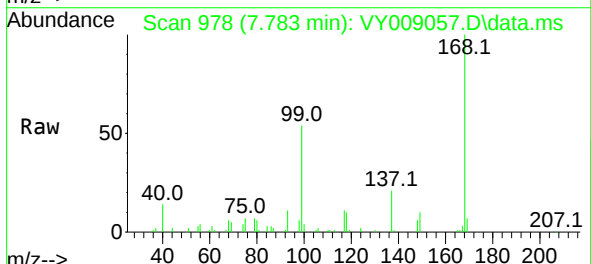
Instrument :
MSVOA_Y
ClientSampleId :
P-10

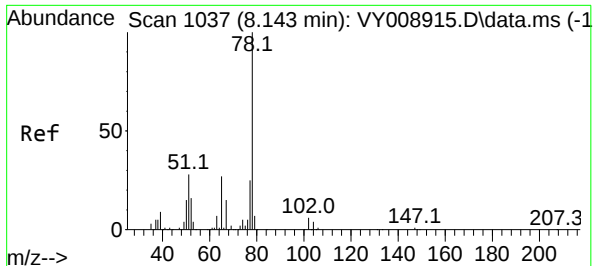
Tgt Ion: 43 Resp: 399
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.191 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY009057.D
Acq: 24 May 2022 13:24

Tgt Ion: 56 Resp: 661
Ion Ratio Lower Upper
56 100
69 134.4 26.7 40.1#
84 91.6 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 52.767 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY009057.D

Acq: 24 May 2022 13:24

Instrument :

MSVOA_Y

ClientSampleId :

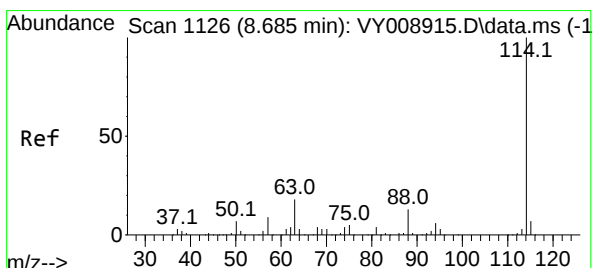
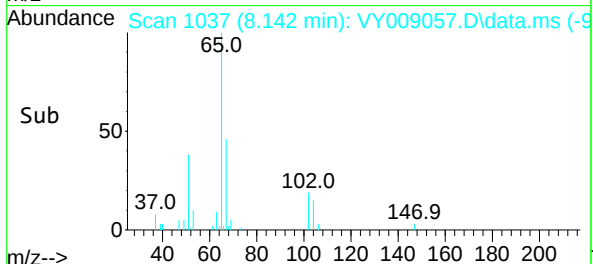
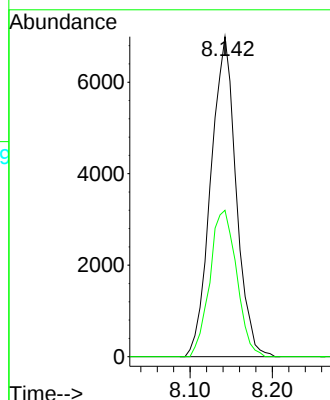
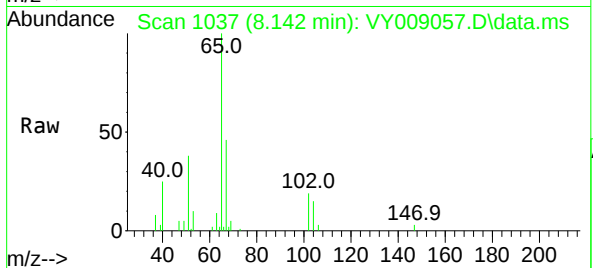
P-10

Tgt Ion: 65 Resp: 14974

Ion Ratio Lower Upper

65 100

67 48.4 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: VY009057.D

Acq: 24 May 2022 13:24

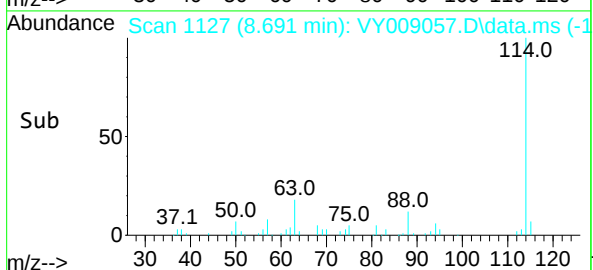
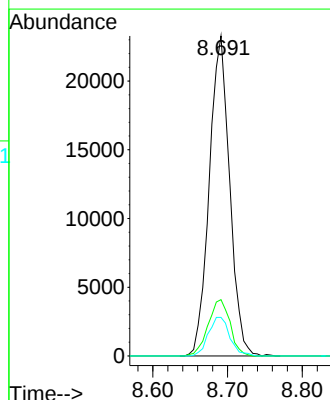
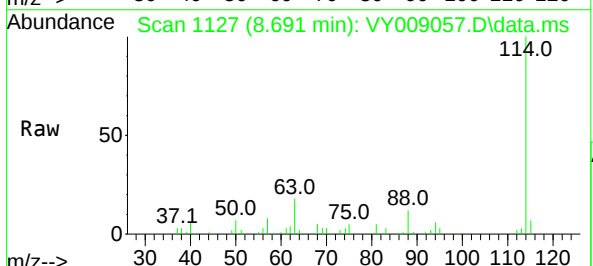
Tgt Ion: 114 Resp: 44098

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 12.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.786 ug/l

RT: 7.716 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY009057.D

Acq: 24 May 2022 13:24

Instrument :

MSVOA_Y

ClientSampleId :

P-10

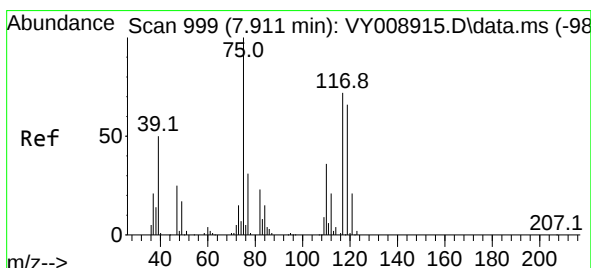
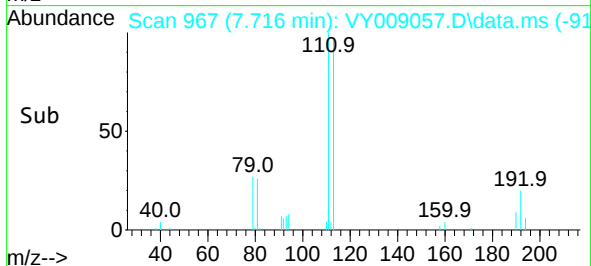
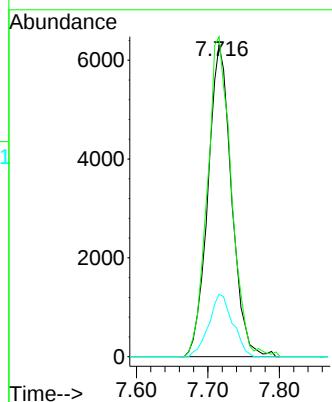
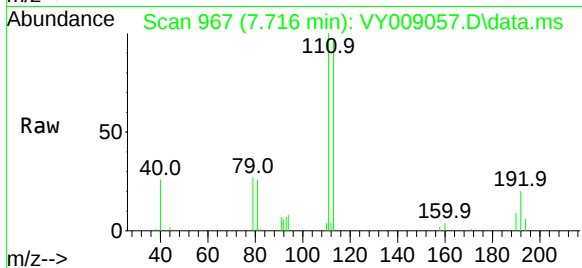
Tgt Ion:113 Resp: 14475

Ion Ratio Lower Upper

113 100

111 104.5 82.6 124.0

192 20.3 17.6 26.4



#36

1,1-Dichloropropene

Concen: 5.715 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.122 min

Lab File: VY009057.D

Acq: 24 May 2022 13:24

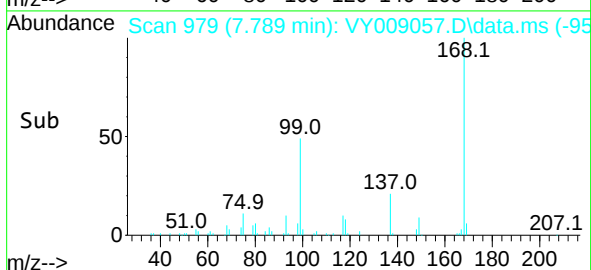
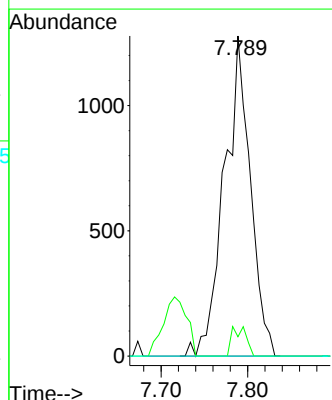
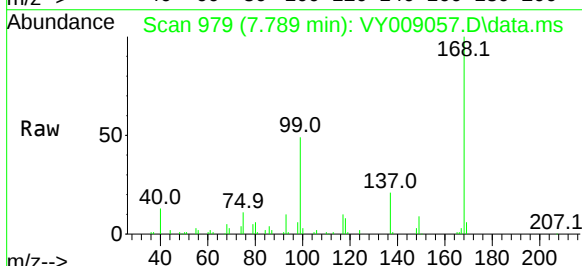
Tgt Ion: 75 Resp: 2667

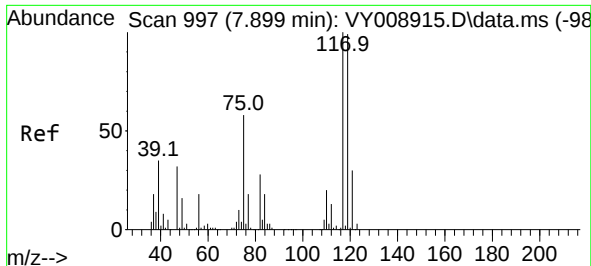
Ion Ratio Lower Upper

75 100

110 5.0 17.1 51.2#

77 0.0 24.4 36.6#

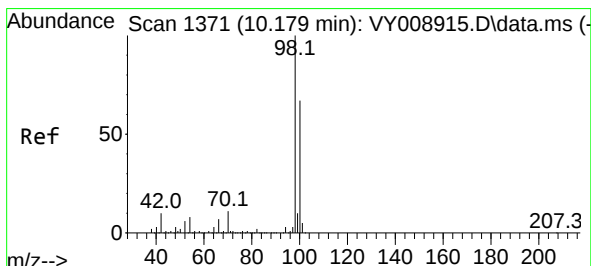
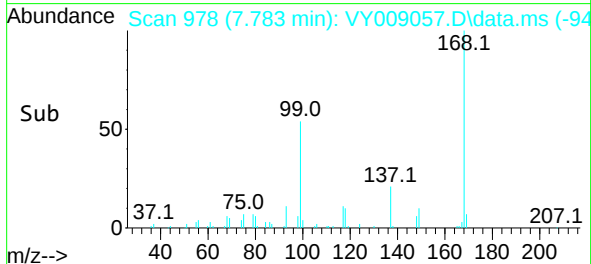
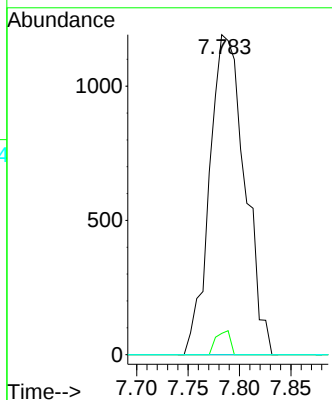
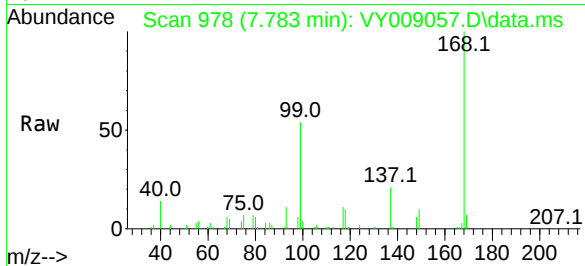




#38
Carbon Tetrachloride
Concen: 5.815 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009057.D
Acq: 24 May 2022 13:24

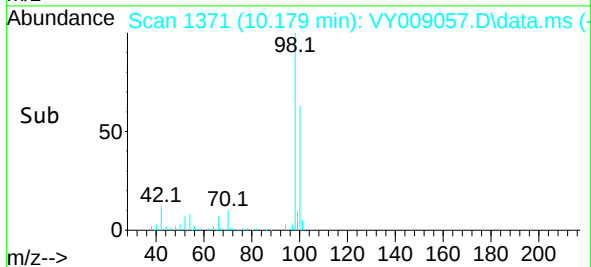
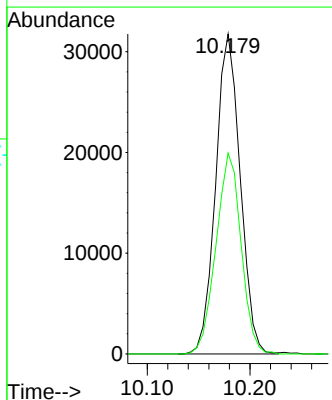
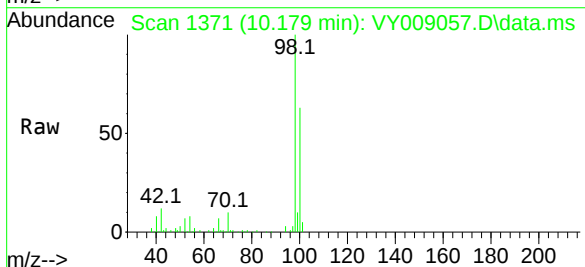
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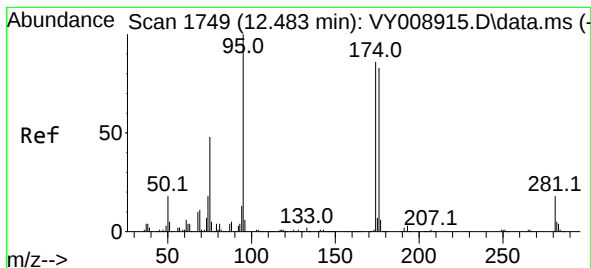
Tgt Ion:117 Resp: 2839
Ion Ratio Lower Upper
117 100
119 6.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.027 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009057.D
Acq: 24 May 2022 13:24

Tgt Ion: 98 Resp: 52632
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

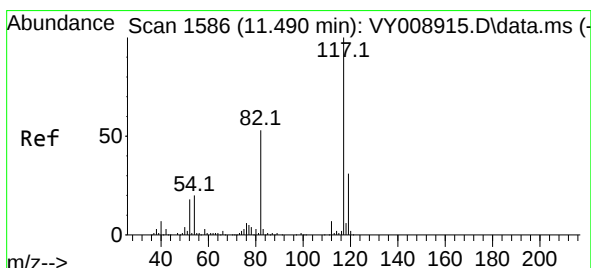
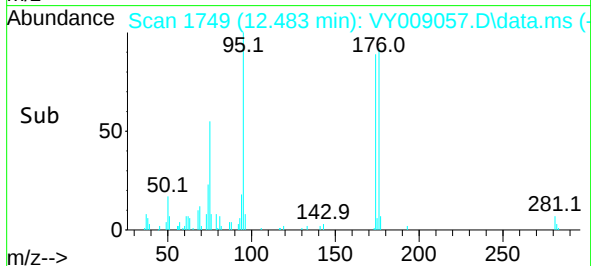
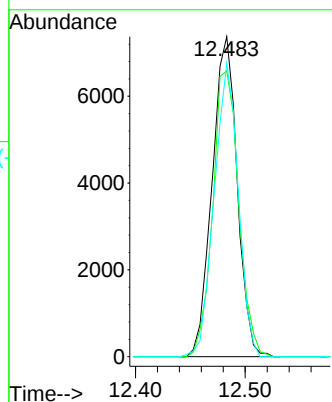
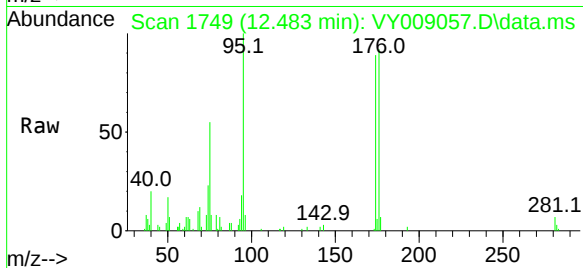




#62
4-Bromofluorobenzene
Concen: 28.624 ug/l
RT: 12.483 min Scan# 11681
Delta R.T. 0.000 min
Lab File: VY009057.D
Acq: 24 May 2022 13:24

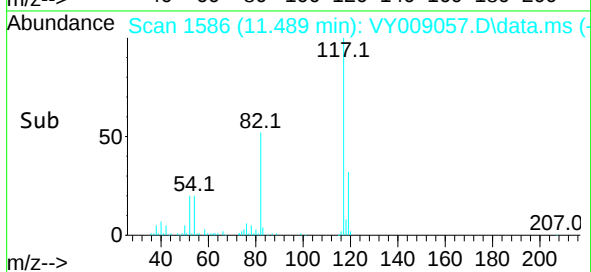
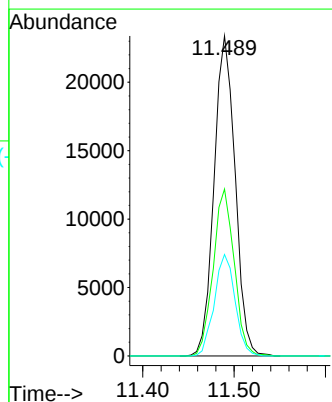
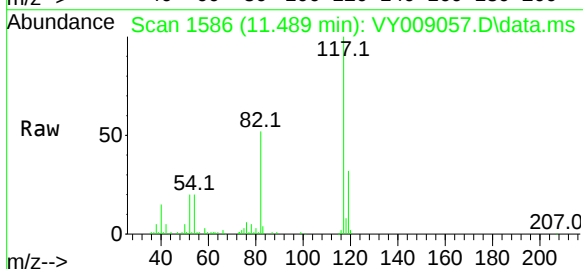
Instrument :
MSVOA_Y
ClientSampleId :
P-10

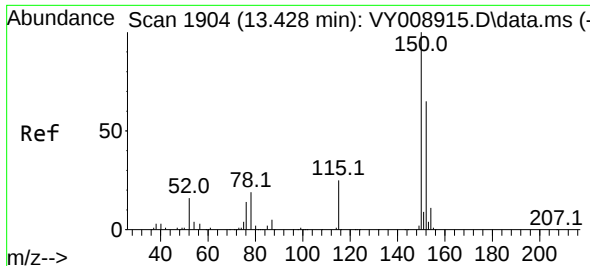
Tgt Ion: 95 Resp: 11681
Ion Ratio Lower Upper
95 100
174 92.6 0.0 177.0
176 88.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009057.D
Acq: 24 May 2022 13:24

Tgt Ion: 117 Resp: 37436
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 31.7 25.4 38.0

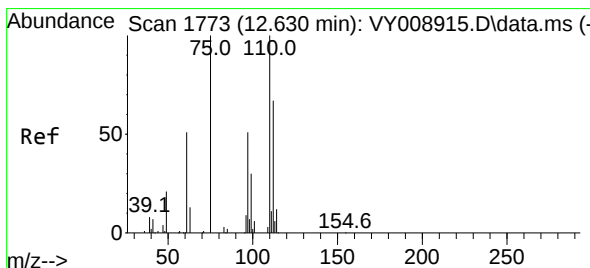
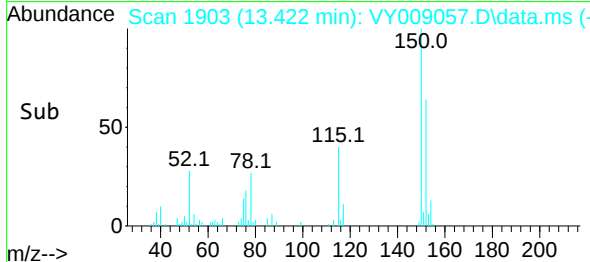
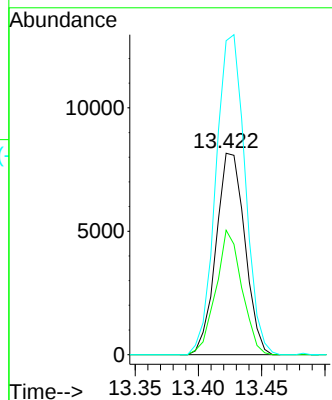
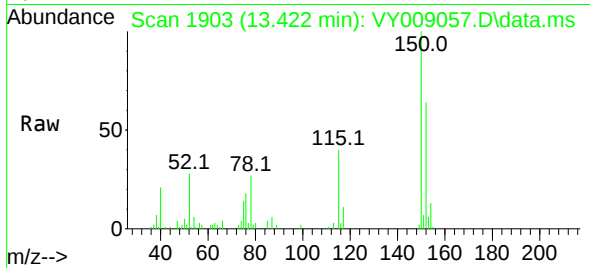




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY009057.D
 Acq: 24 May 2022 13:24

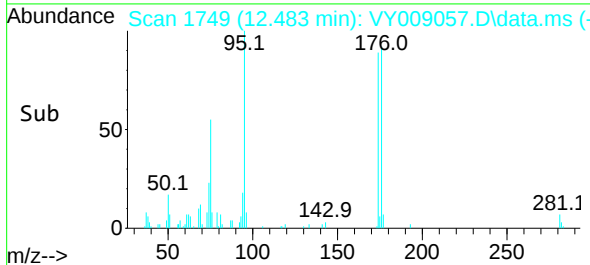
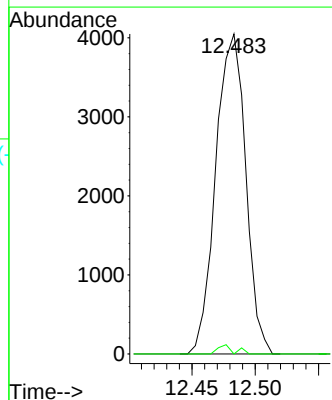
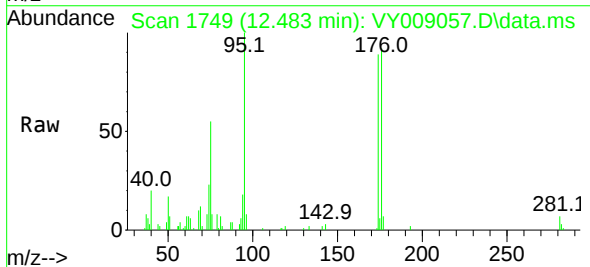
Instrument :
 MSVOA_Y
 ClientSampleId :
 P-10

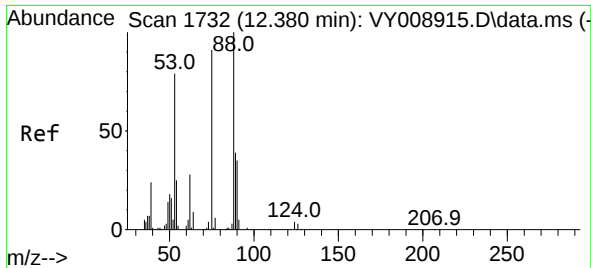
Tgt Ion:152 Resp: 12904
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.2 84.7
 150 161.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.112 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY009057.D
 Acq: 24 May 2022 13:24

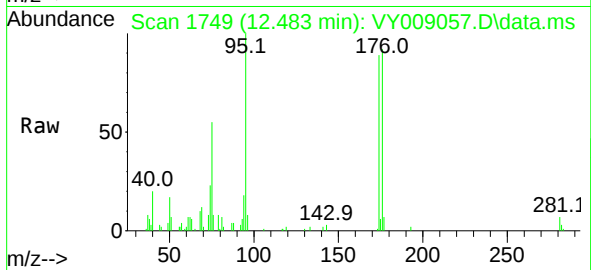
Tgt Ion: 75 Resp: 6667
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.749 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009057.D
 Acq: 24 May 2022 13:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-10



Tgt Ion:	75	Resp:	6667
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.3	37.0	55.4#

