

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060722\
 Data File : VY009167.D
 Acq On : 07 Jun 2022 16:28
 Operator : KP/MD
 Sample : N3194-01
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Jun 08 07:58:19 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)

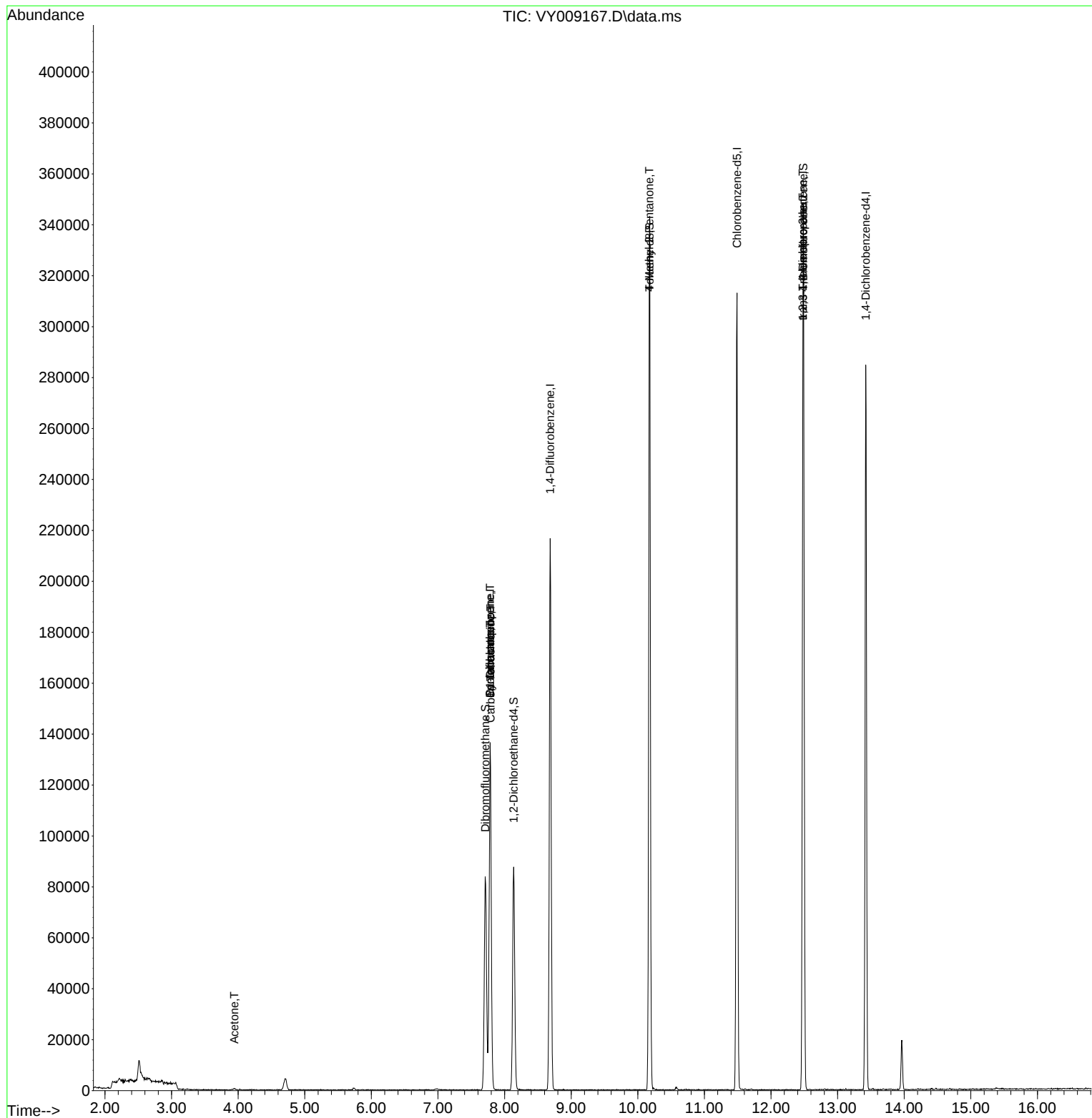
Internal Standards						
1) Pentafluorobenzene	7.783	168	99099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	178425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	159147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63836	62.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.180%
35) Dibromofluoromethane	7.710	113	56954	51.332	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.660%
50) Toluene-d8	10.179	98	218503	53.382	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.760%
62) 4-Bromofluorobenzene	12.483	95	63286	38.328	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.660%
Target Compounds						
						Qvalue
16) Acetone	3.942	43	1025	4.828	ug/l	98
20) Methylene Chloride	4.710	84	3168	Below Cal	#	82
31) Cyclohexane	7.783	56	2393	1.199	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8326	4.410	ug/l #	52
38) Carbon Tetrachloride	7.789	117	9759	4.941	ug/l #	16
51) 4-Methyl-2-Pentanone	10.173	43	1173	1.164	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	37661	50.400	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	37661	103.447	ug/l #	8

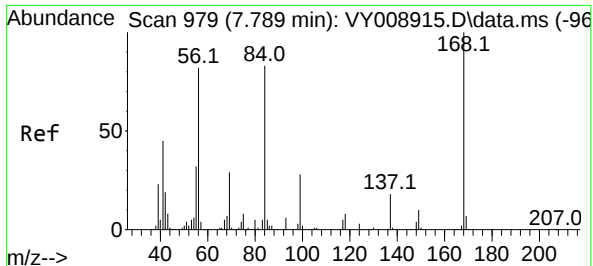
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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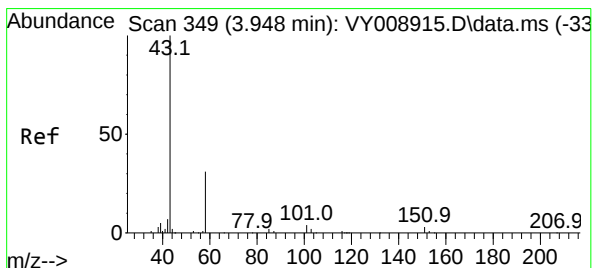
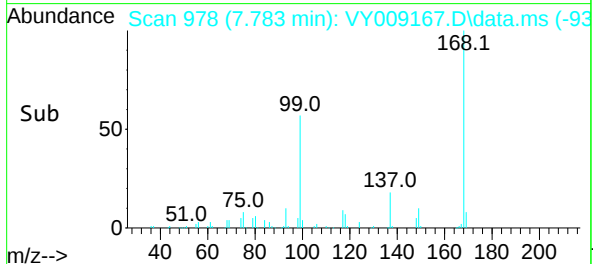
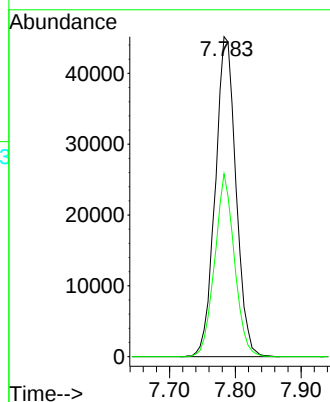
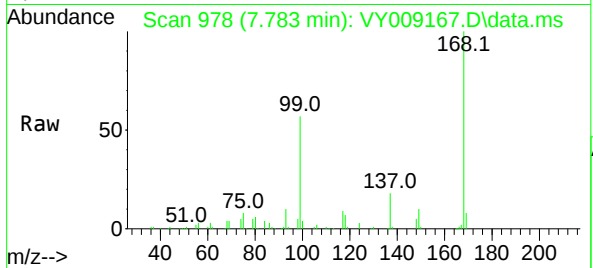




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009167.D
Acq: 07 Jun 2022 16:28

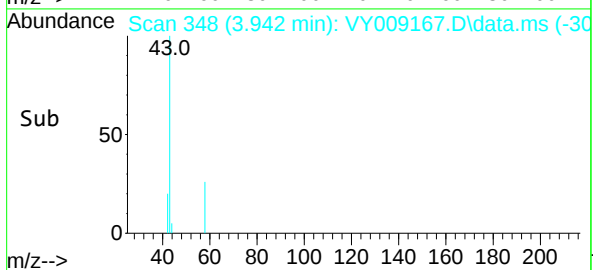
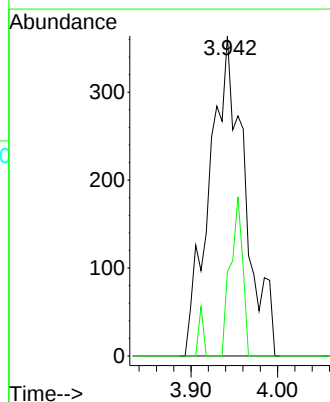
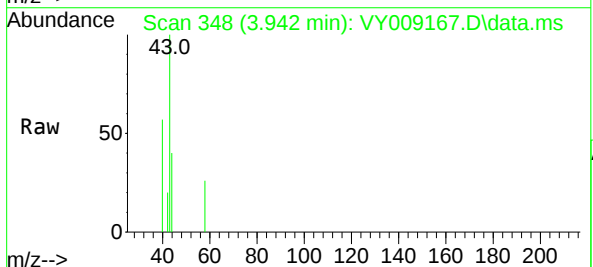
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

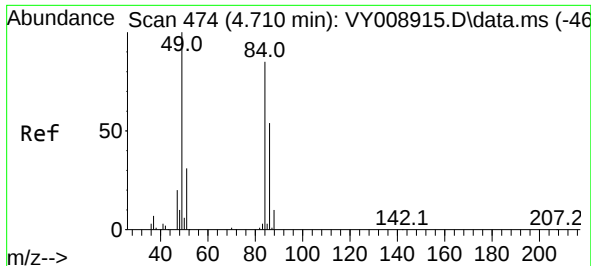
Tgt Ion:168 Resp: 99099
Ion Ratio Lower Upper
168 100
99 57.2 46.9 70.3



#16
Acetone
Concen: 4.828 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009167.D
Acq: 07 Jun 2022 16:28

Tgt Ion: 43 Resp: 1025
Ion Ratio Lower Upper
43 100
58 26.4 22.0 33.0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY009167.D

Acq: 07 Jun 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

Tgt Ion: 84 Resp: 3168

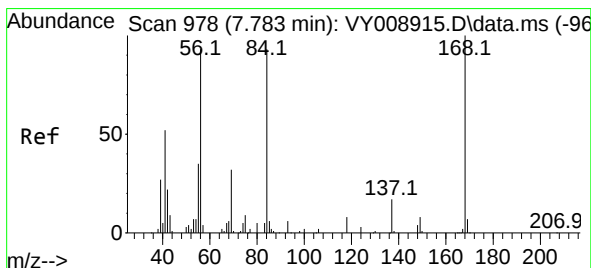
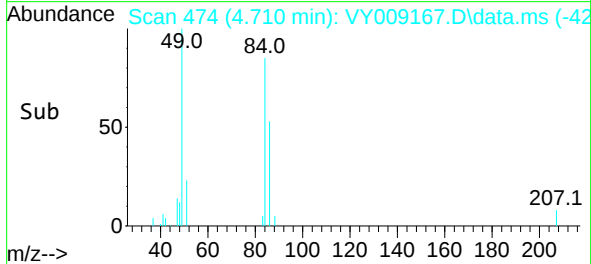
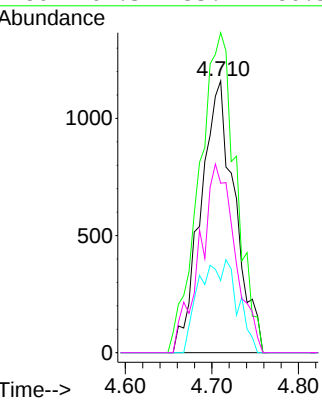
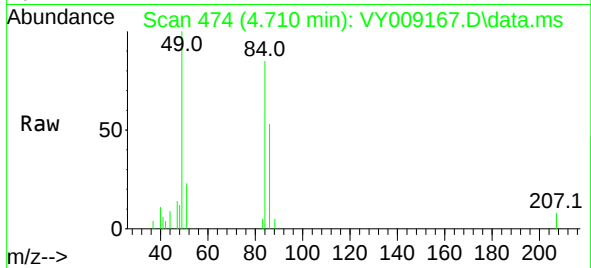
Ion Ratio Lower Upper

84 100

49 117.8 114.4 171.6

51 26.6 35.3 52.9#

86 62.3 53.7 80.5



#31

Cyclohexane

Concen: 1.199 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY009167.D

Acq: 07 Jun 2022 16:28

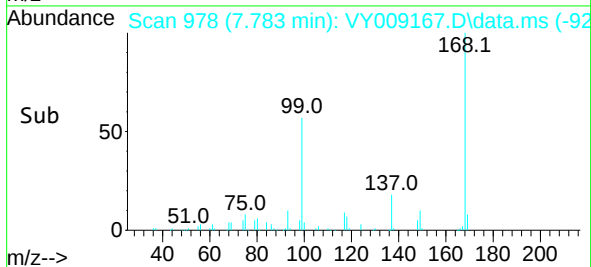
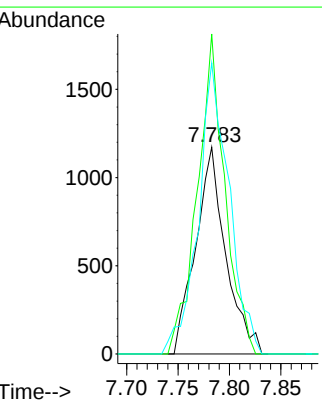
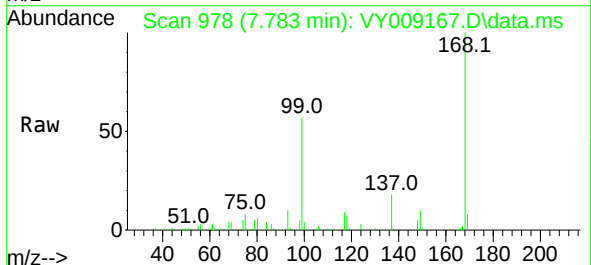
Tgt Ion: 56 Resp: 2393

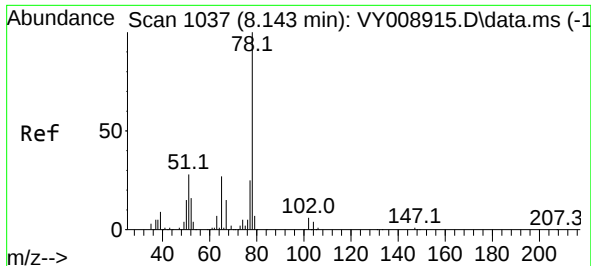
Ion Ratio Lower Upper

56 100

69 154.8 26.7 40.1#

84 140.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 62.590 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009167.D

Acq: 07 Jun 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

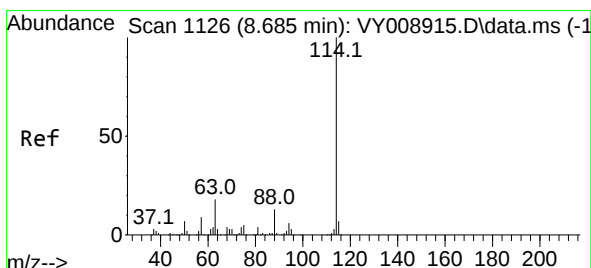
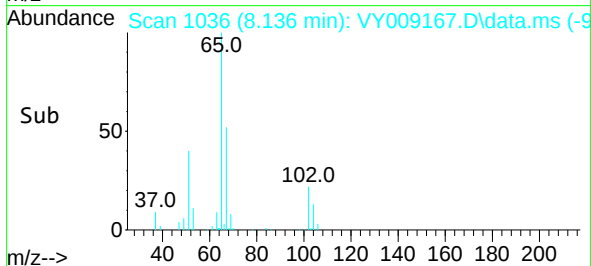
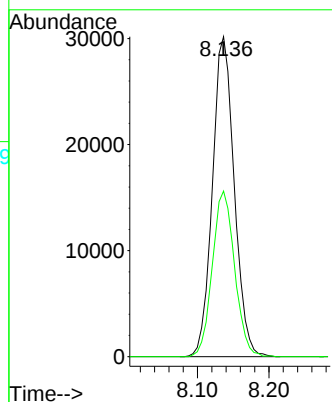
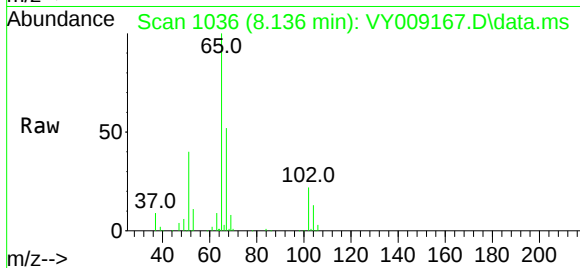
TP-1

Tgt Ion: 65 Resp: 63836

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: VY009167.D

Acq: 07 Jun 2022 16:28

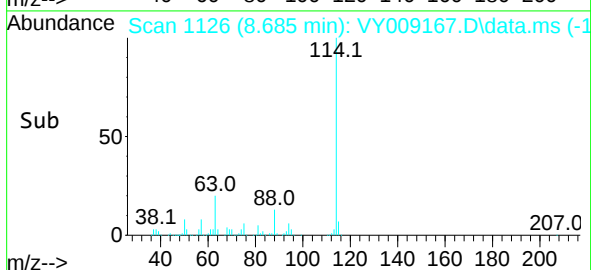
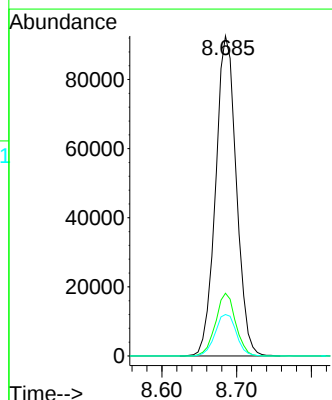
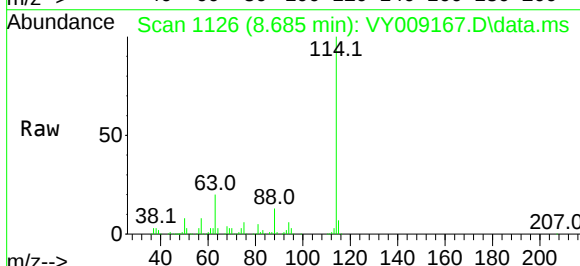
Tgt Ion: 114 Resp: 178425

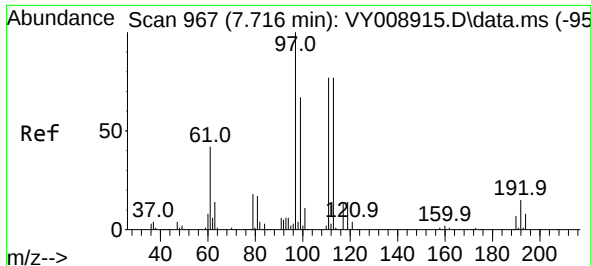
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 13.0 0.0 31.8

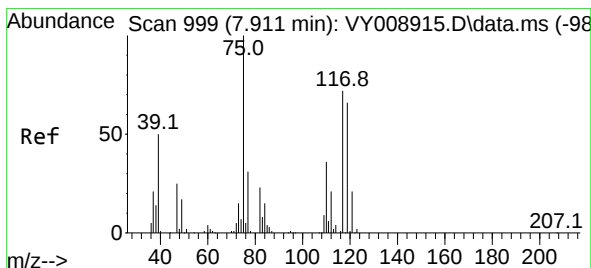
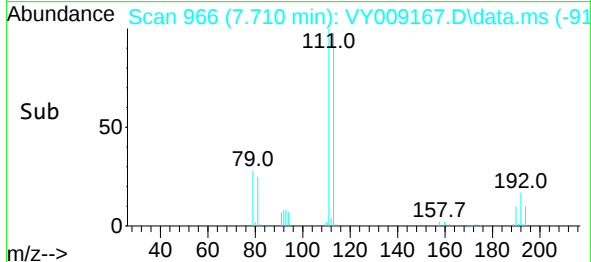
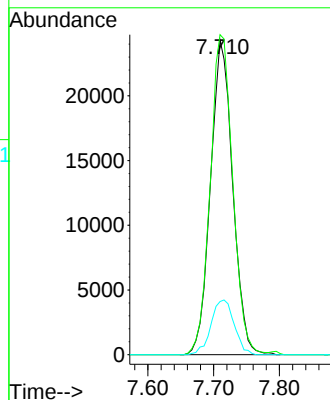
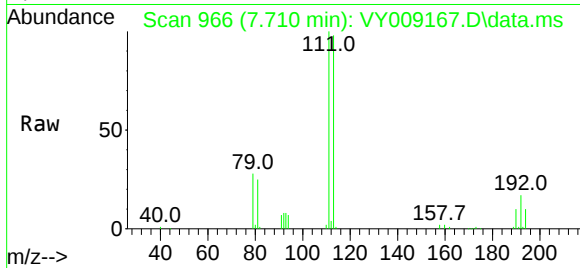




#35
Dibromofluoromethane
Concen: 51.332 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY009167.D
Acq: 07 Jun 2022 16:28

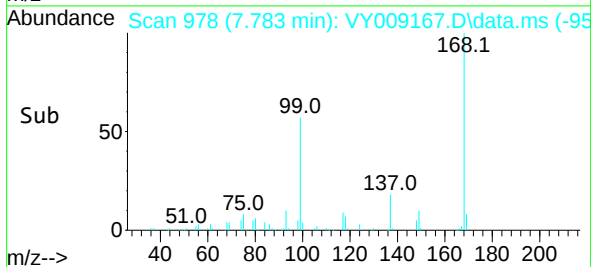
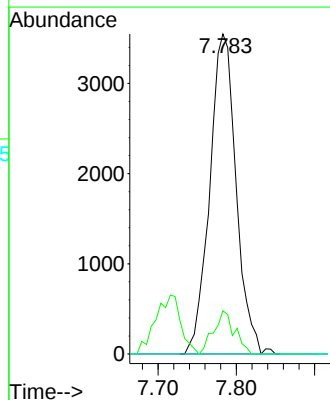
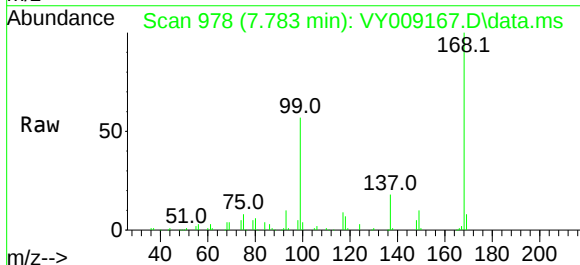
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

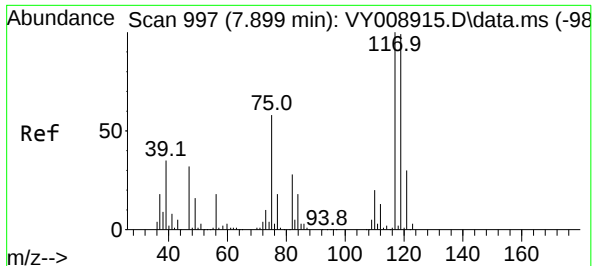
Tgt Ion:113 Resp: 56954
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 18.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.410 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009167.D
Acq: 07 Jun 2022 16:28

Tgt Ion: 75 Resp: 8326
Ion Ratio Lower Upper
75 100
110 10.7 17.1 51.2#
77 0.0 24.4 36.6#

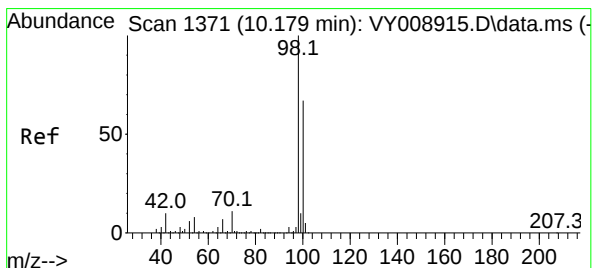
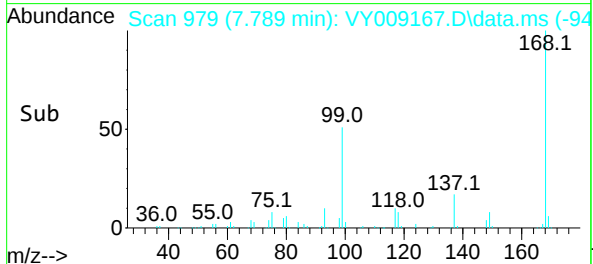
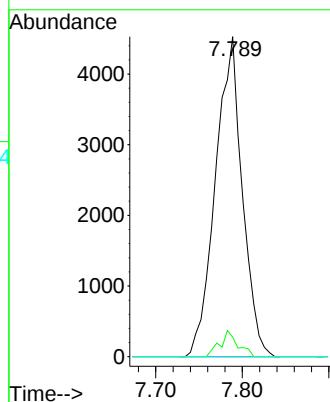
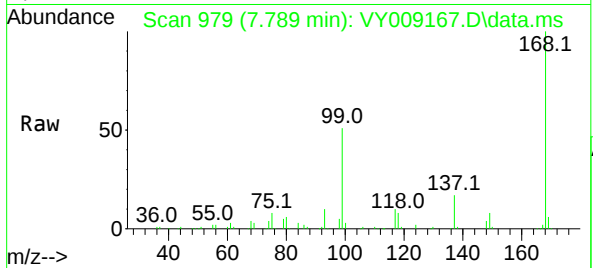




#38
Carbon Tetrachloride
Concen: 4.941 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009167.D
Acq: 07 Jun 2022 16:28

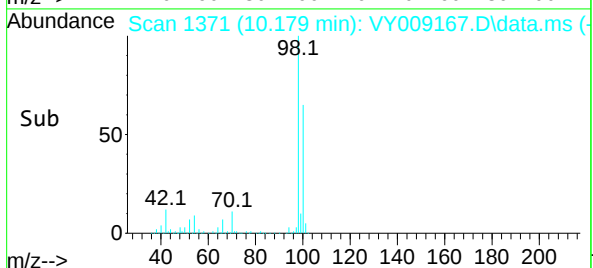
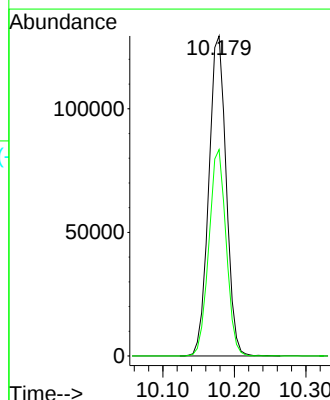
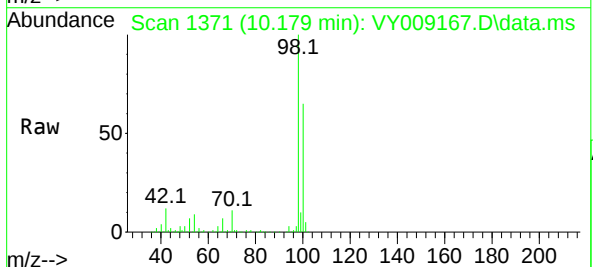
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

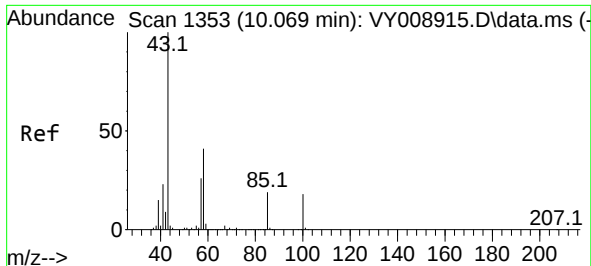
Tgt Ion:117 Resp: 9759
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.382 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009167.D
Acq: 07 Jun 2022 16:28

Tgt Ion: 98 Resp: 218503
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2

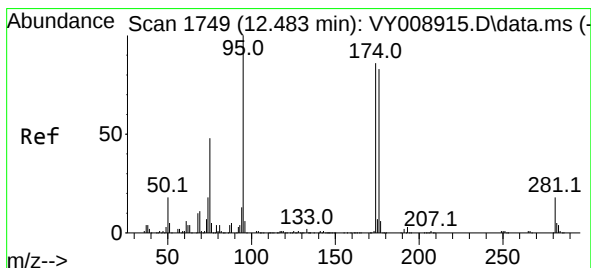
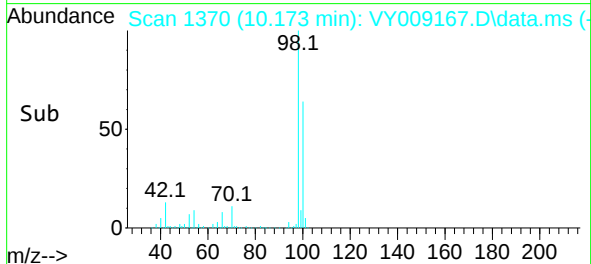
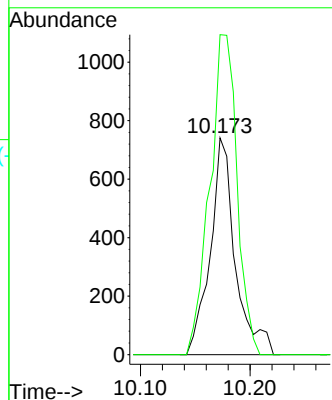
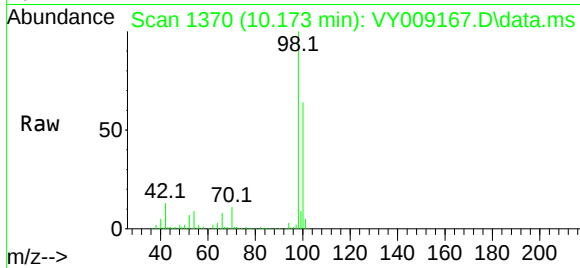




#51
4-Methyl-2-Pentanone
Concen: 1.164 ug/l
RT: 10.173 min Scan# 1173
Delta R.T. 0.104 min
Lab File: VY009167.D
Acq: 07 Jun 2022 16:28

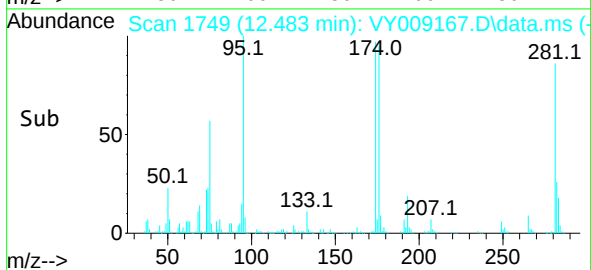
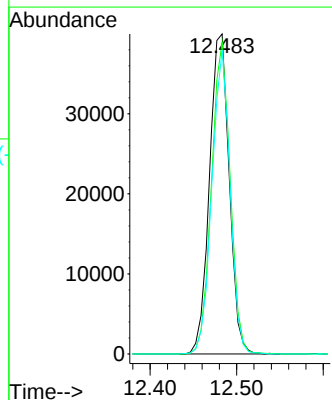
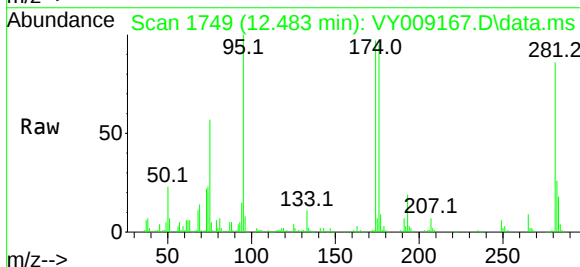
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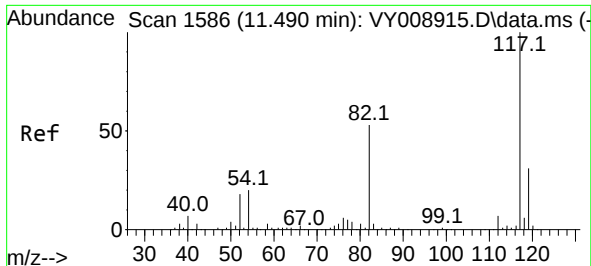
Tgt Ion: 43 Resp: 1173
Ion Ratio Lower Upper
43 100
58 161.2 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 38.328 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009167.D
Acq: 07 Jun 2022 16:28

Tgt Ion: 95 Resp: 63286
Ion Ratio Lower Upper
95 100
174 92.6 0.0 177.0
176 87.4 0.0 175.8

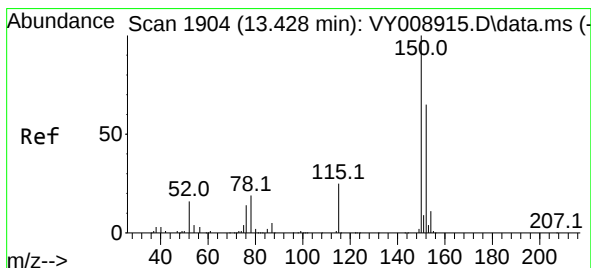
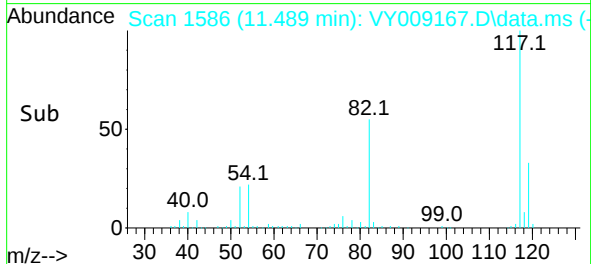
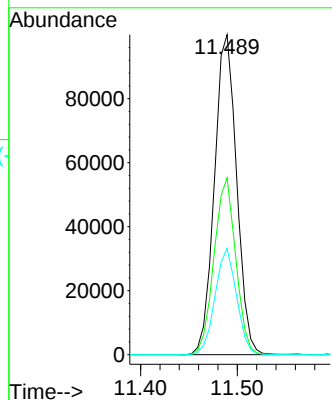
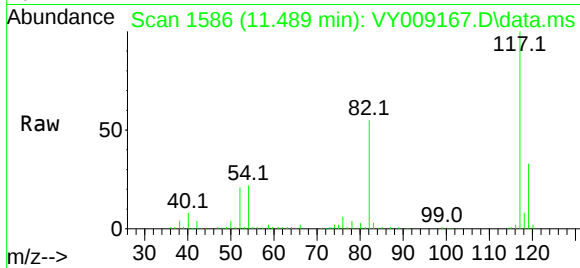




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009167.D
Acq: 07 Jun 2022 16:28

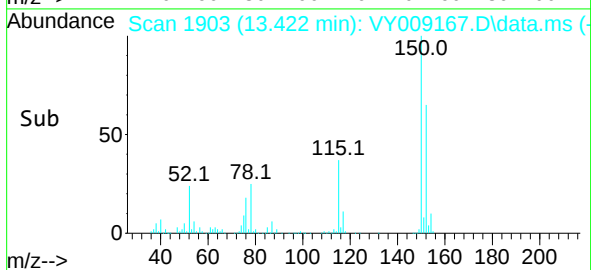
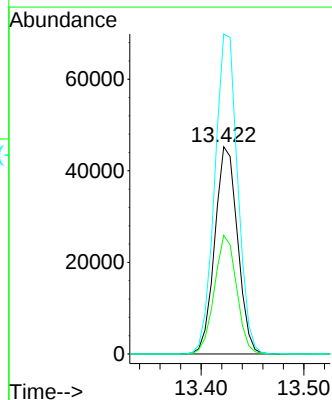
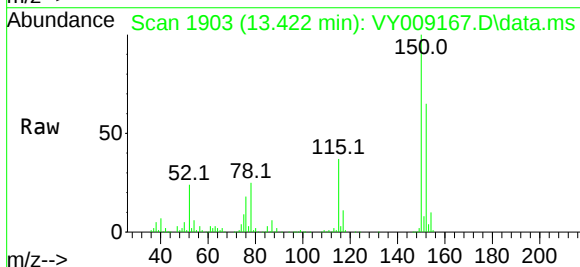
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

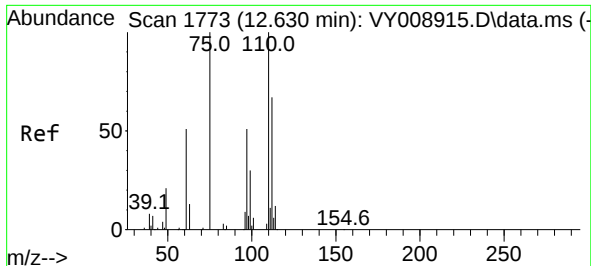
Tgt Ion:117 Resp: 159147
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 33.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009167.D
Acq: 07 Jun 2022 16:28

Tgt Ion:152 Resp: 69583
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 155.3 0.0 347.6

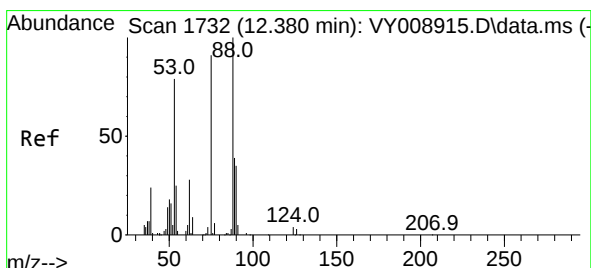
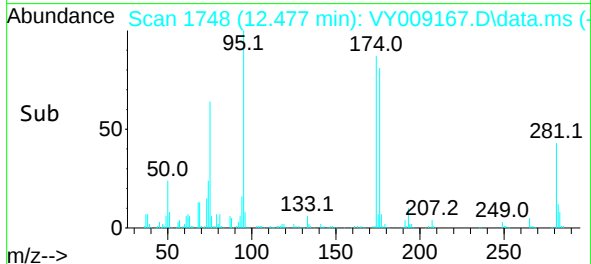
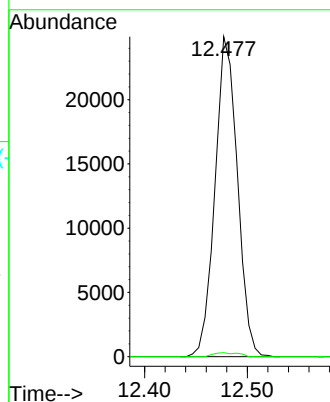
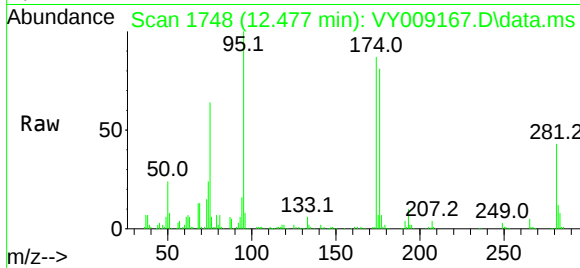




#76
1,2,3-Trichloropropane
Concen: 50.400 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009167.D
Acq: 07 Jun 2022 16:28

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion: 75 Resp: 37661
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.447 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY009167.D
Acq: 07 Jun 2022 16:28

Tgt Ion: 75 Resp: 37661
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.6 37.0 55.4#

