

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009102.D
 Acq On : 25 May 2022 20:00
 Operator : KP/MD
 Sample : N3028-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-1-5FT

Quant Time: May 26 04:32:37 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)

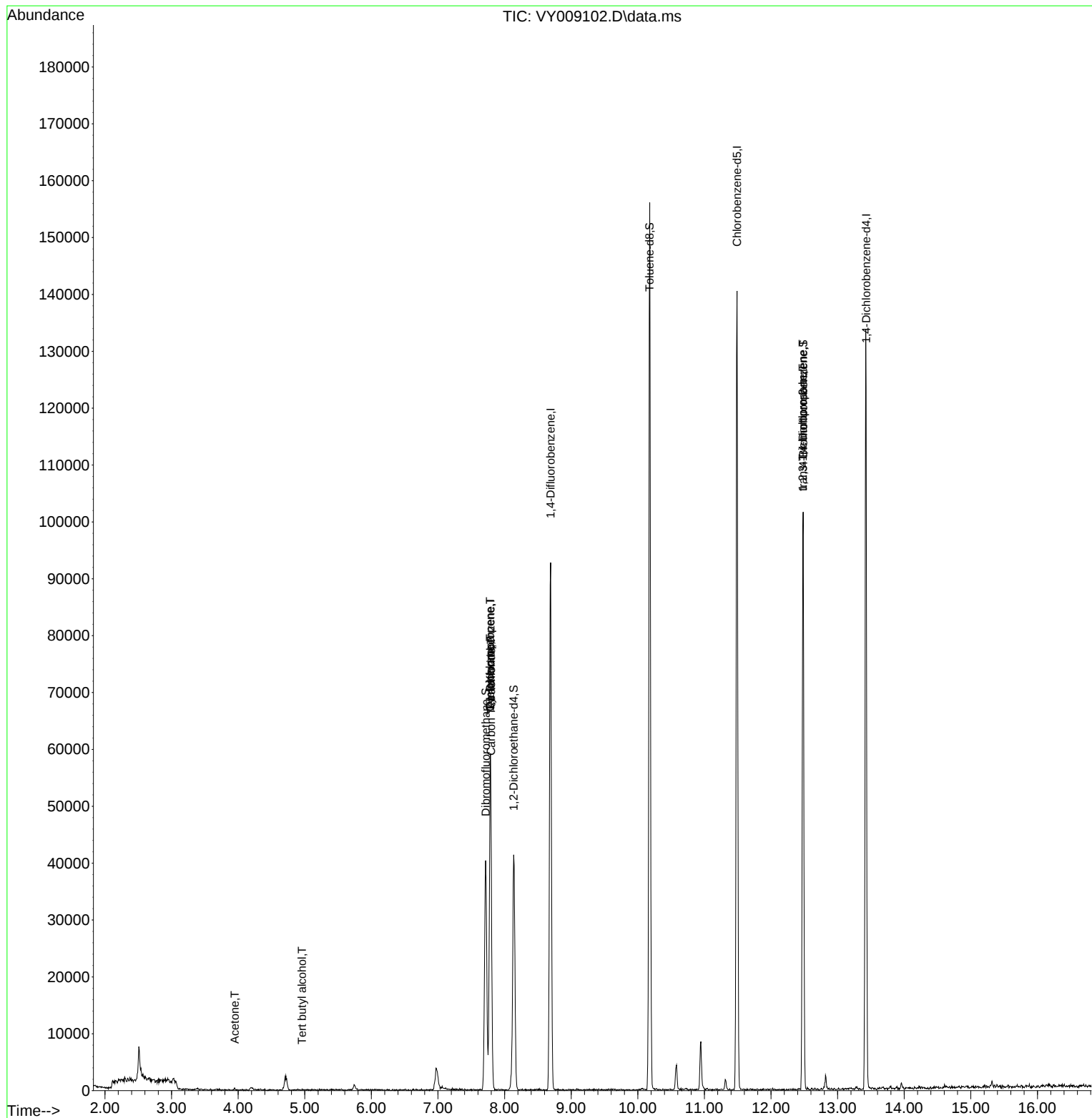
Internal Standards						
1) Pentafluorobenzene	7.789	168	43754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	76821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	73920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	30970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	29972	66.559	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.120%
35) Dibromofluoromethane	7.715	113	26978	56.474	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.940%
50) Toluene-d8	10.178	98	97331	55.229	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.460%
62) 4-Bromofluorobenzene	12.483	95	26463	37.225	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.440%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.960	59	59	1.292	ug/l #	77
16) Acetone	3.948	43	466	4.971	ug/l #	47
20) Methylene Chloride	4.704	84	1728	Below Cal	#	63
31) Cyclohexane	7.783	56	1291	1.465	ug/l #	61
36) 1,1-Dichloropropene	7.783	75	3983	4.899	ug/l #	51
38) Carbon Tetrachloride	7.795	117	4442	5.223	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	15697	47.198	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	15697	96.873	ug/l #	7

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

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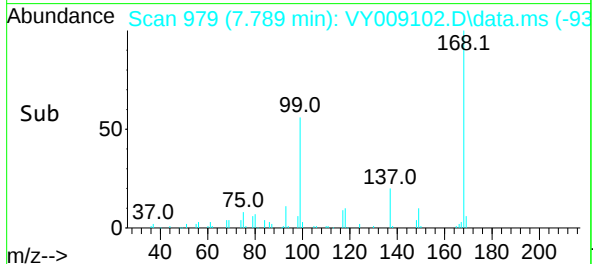
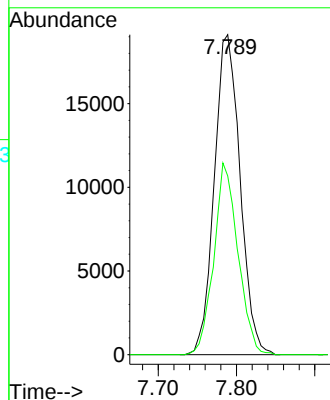
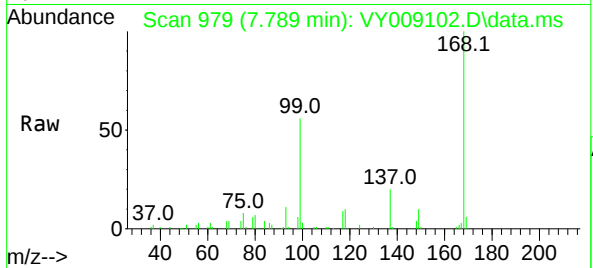




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009102.D
Acq: 25 May 2022 20:00

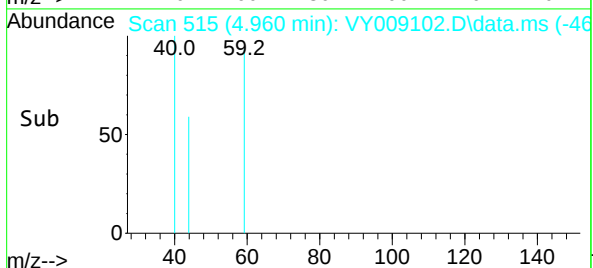
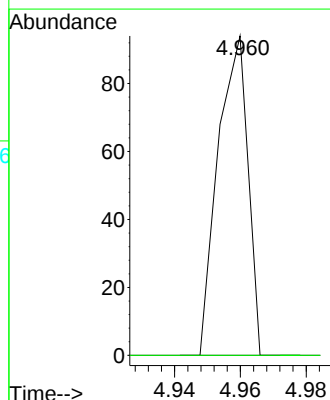
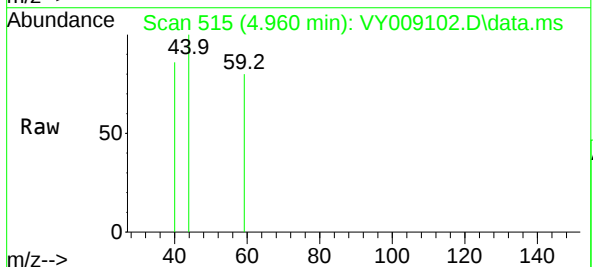
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

Tgt Ion:168 Resp: 43754
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.292 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY009102.D
Acq: 25 May 2022 20:00

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





#16

Acetone

Concen: 4.971 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY009102.D

Acq: 25 May 2022 20:00

Instrument :

MSVOA_Y

ClientSampleId :

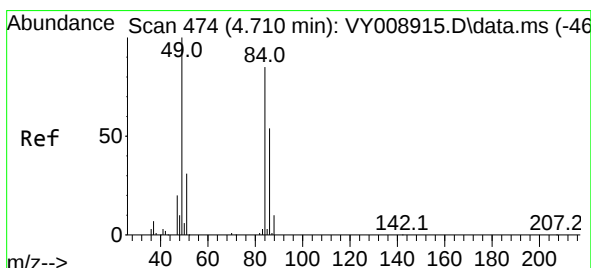
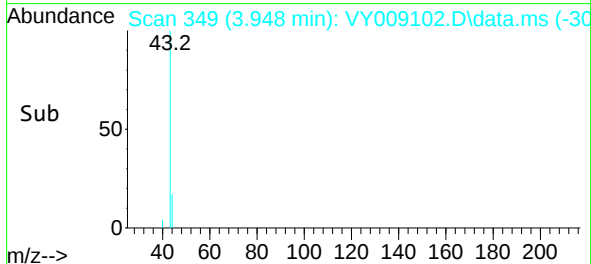
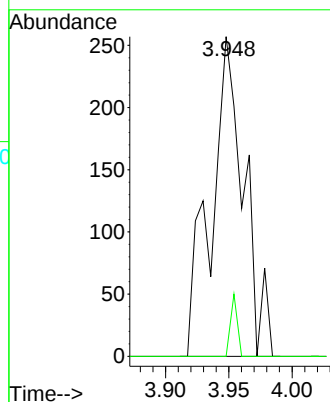
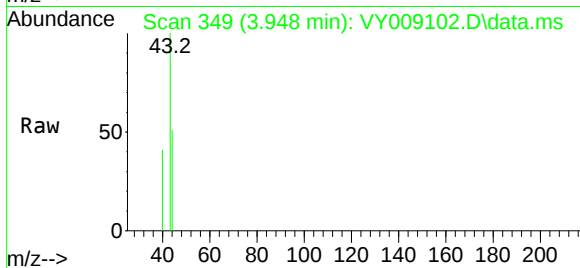
TP-1-1-5FT

Tgt Ion: 43 Resp: 466

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: VY009102.D

Acq: 25 May 2022 20:00

Tgt Ion: 84 Resp: 1728

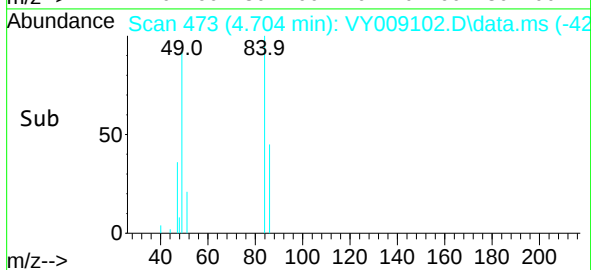
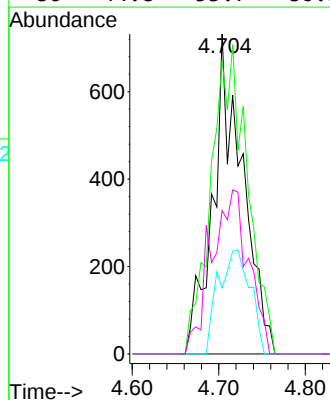
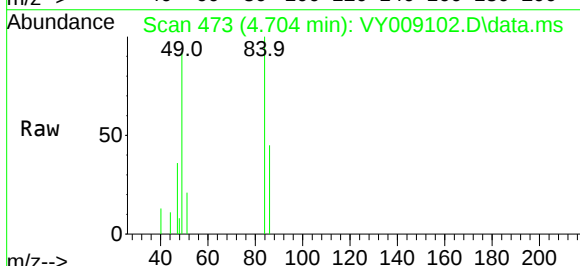
Ion Ratio Lower Upper

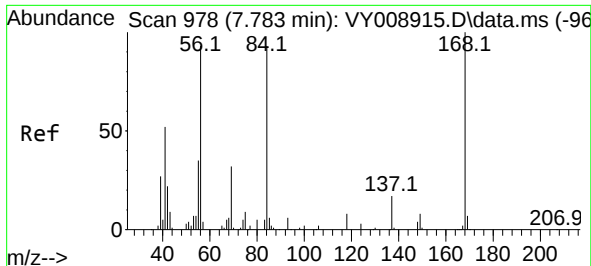
84 100

49 91.5 114.4 171.6#

51 20.6 35.3 52.9#

86 44.8 53.7 80.5#

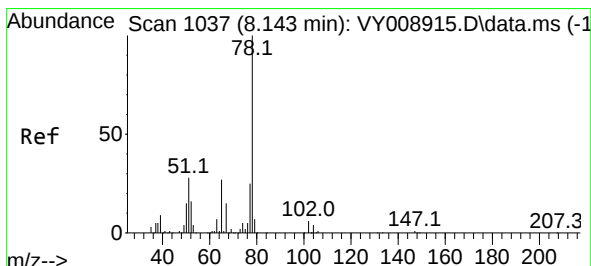
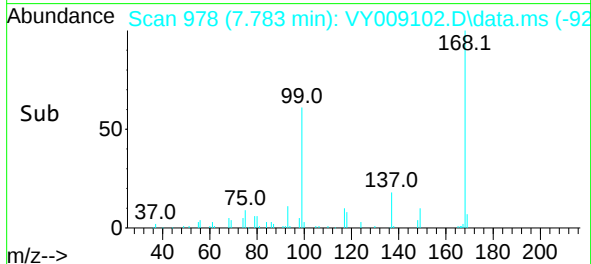
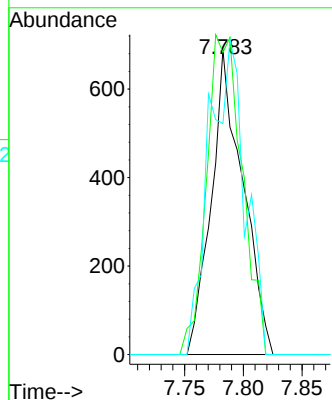
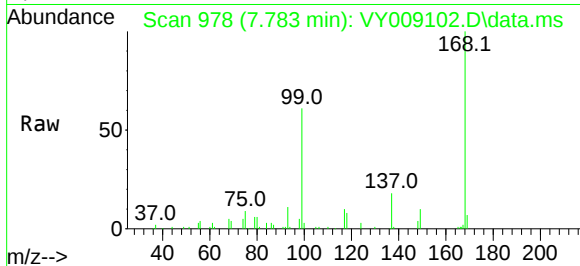




#31
Cyclohexane
Concen: 1.465 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009102.D
Acq: 25 May 2022 20:00

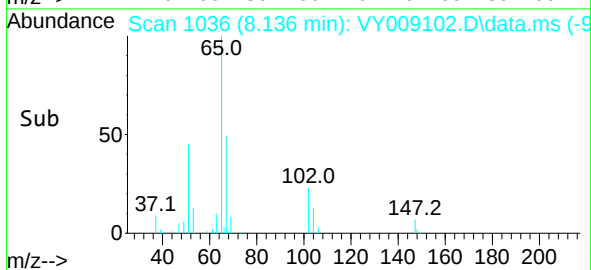
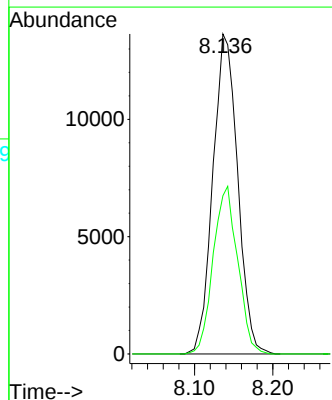
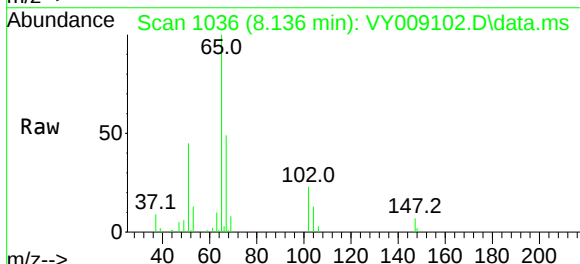
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

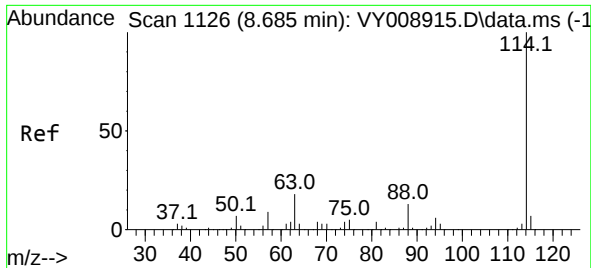
Tgt Ion: 56 Resp: 1291
Ion Ratio Lower Upper
56 100
69 99.1 26.7 40.1#
84 75.8 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 66.559 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009102.D
Acq: 25 May 2022 20:00

Tgt Ion: 65 Resp: 29972
Ion Ratio Lower Upper
65 100
67 51.9 0.0 99.4

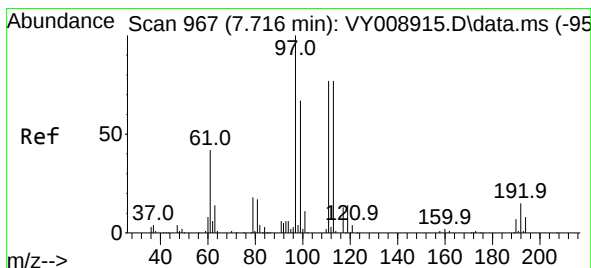
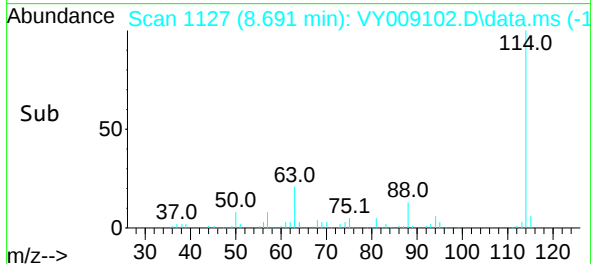
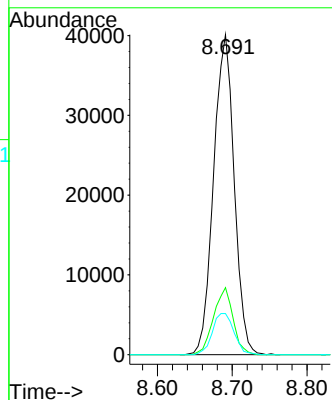
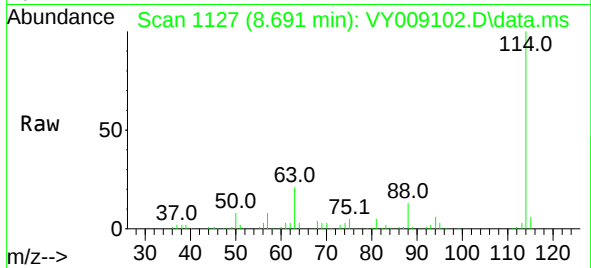




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY009102.D
Acq: 25 May 2022 20:00

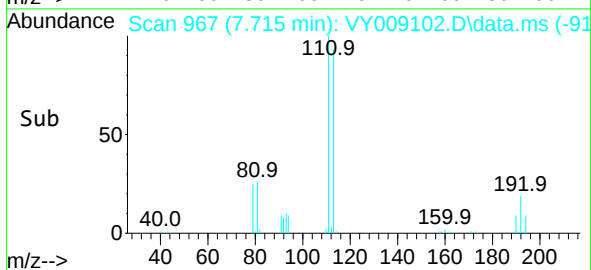
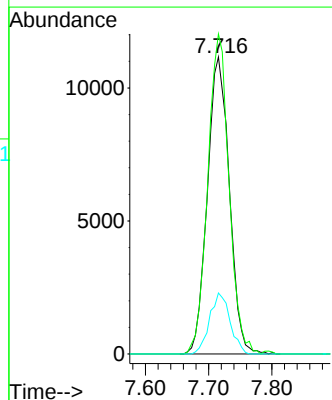
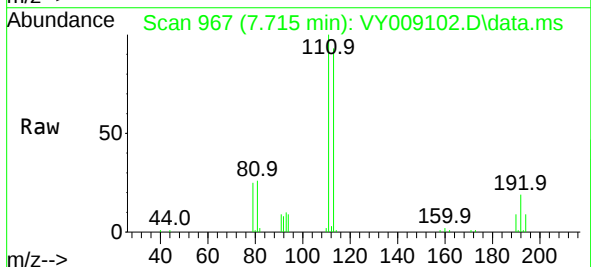
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

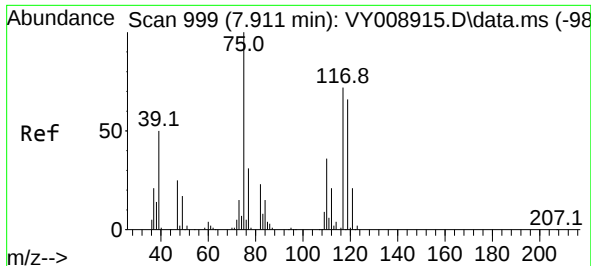
Tgt Ion:	114	Resp:	76821
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.2
88	12.9	0.0	31.8



#35
Dibromofluoromethane
Concen: 56.474 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.001 min
Lab File: VY009102.D
Acq: 25 May 2022 20:00

Tgt Ion:	113	Resp:	26978
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	124.0
192	19.1	17.6	26.4

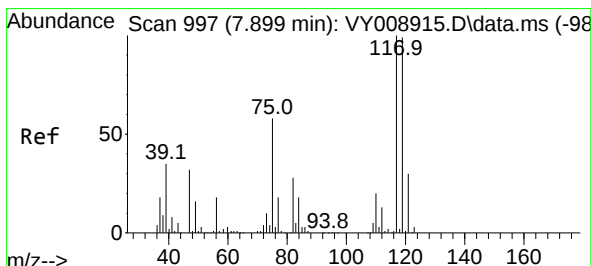
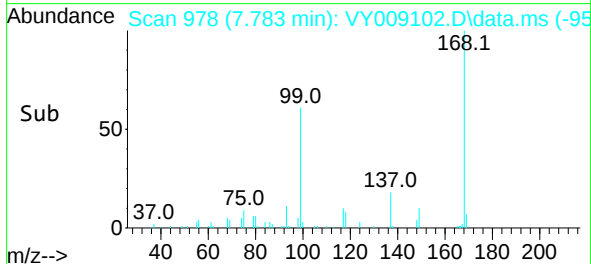
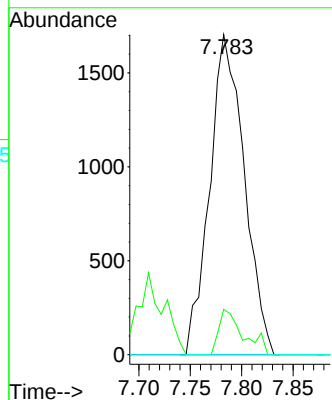
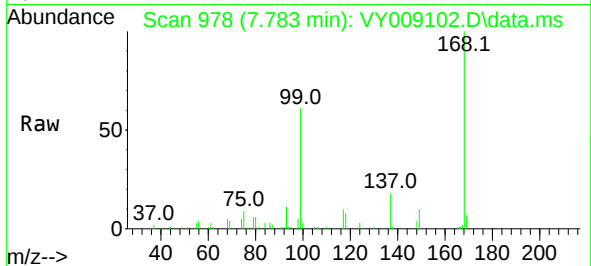




#36
1,1-Dichloropropene
Concen: 4.899 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009102.D
Acq: 25 May 2022 20:00

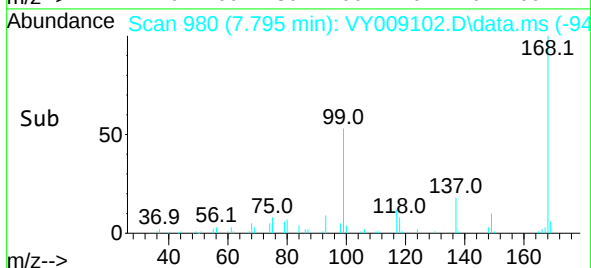
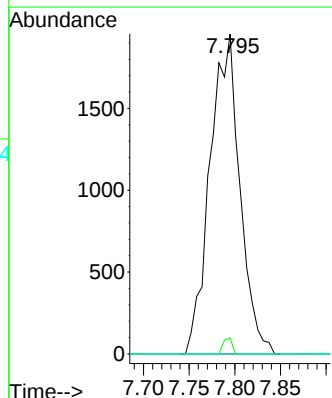
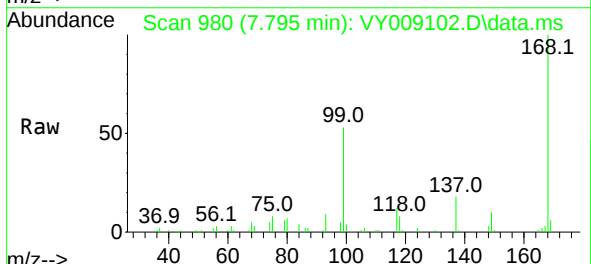
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

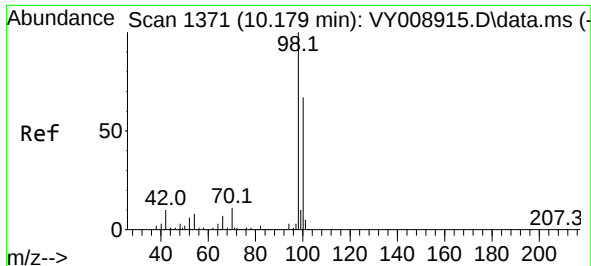
Tgt Ion: 75 Resp: 3983
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.223 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY009102.D
Acq: 25 May 2022 20:00

Tgt Ion: 117 Resp: 4442
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#

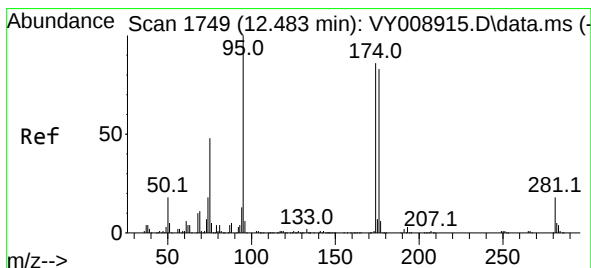
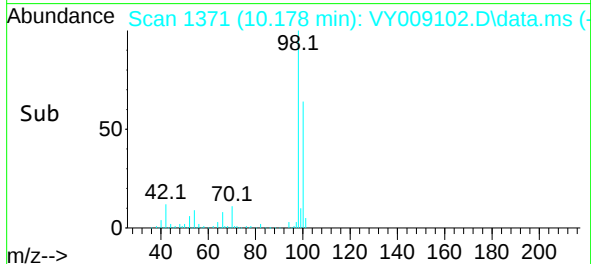
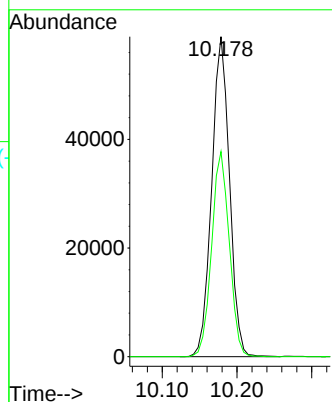
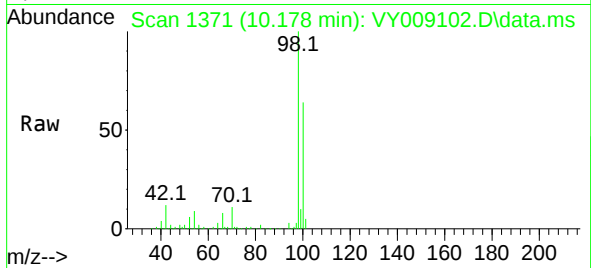




#50
Toluene-d8
Concen: 55.229 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009102.D
Acq: 25 May 2022 20:00

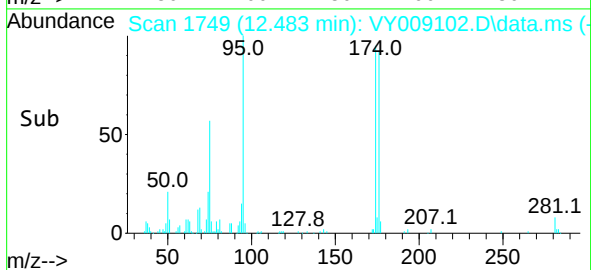
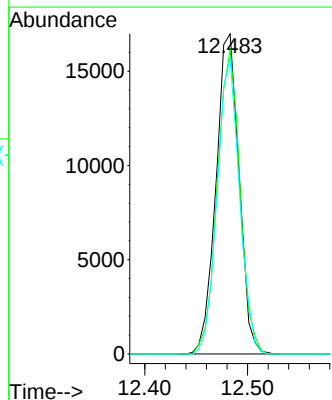
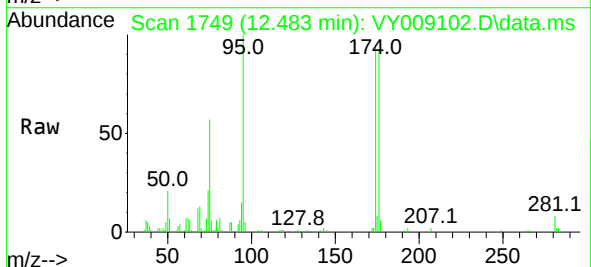
Instrument :
MSVOA_Y
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TP-1-1-5FT

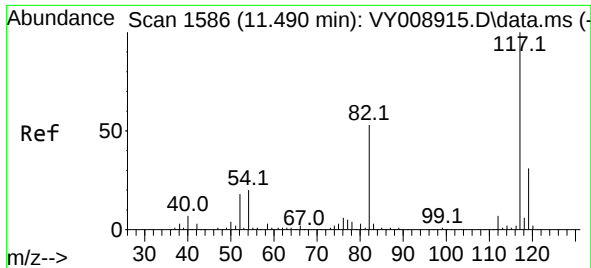
Tgt Ion: 98 Resp: 97331
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.225 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY009102.D
Acq: 25 May 2022 20:00

Tgt Ion: 95 Resp: 26463
Ion Ratio Lower Upper
95 100
174 93.3 0.0 177.0
176 89.0 0.0 175.8

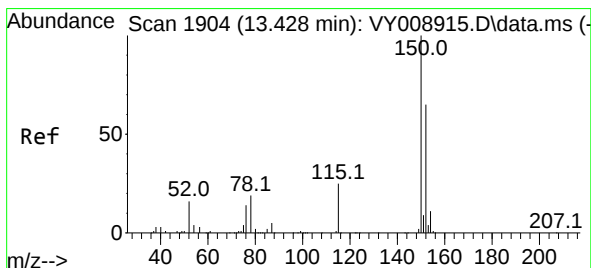
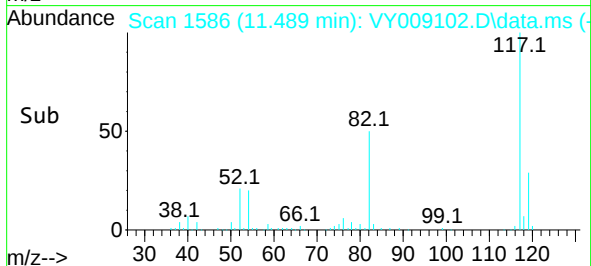
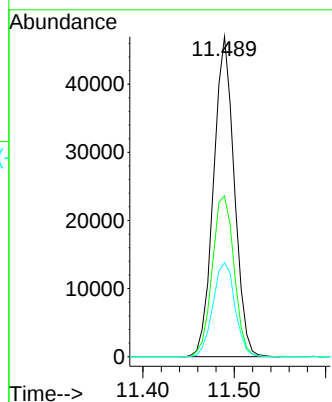
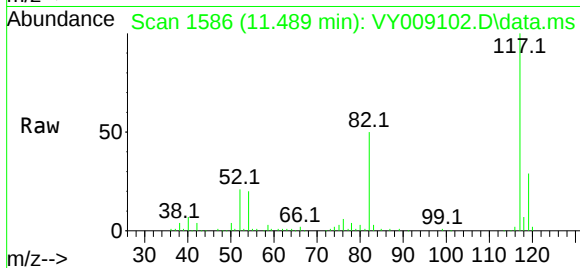




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009102.D
Acq: 25 May 2022 20:00

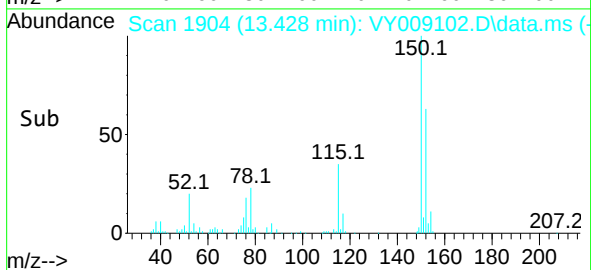
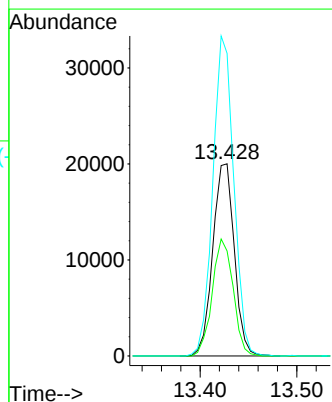
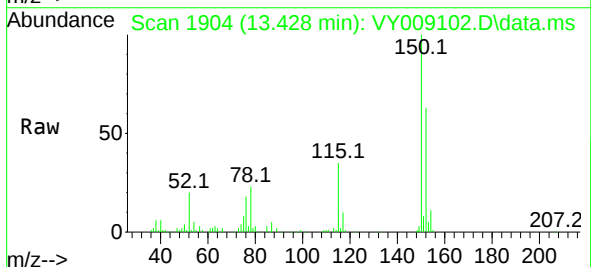
Instrument :
MSVOA_Y
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TP-1-1-5FT

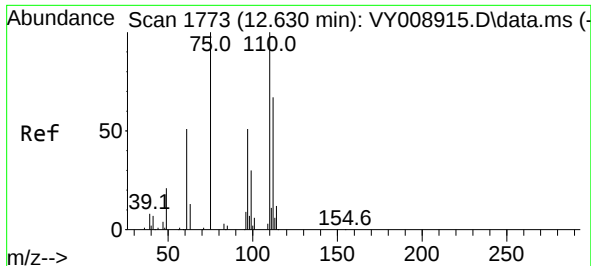
Tgt Ion:117 Resp: 73920
Ion Ratio Lower Upper
117 100
82 50.2 43.0 64.4
119 29.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY009102.D
Acq: 25 May 2022 20:00

Tgt Ion:152 Resp: 30970
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 161.5 0.0 347.6

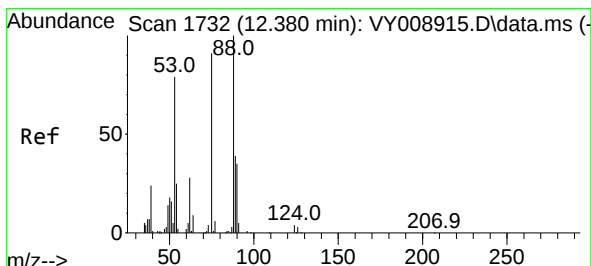
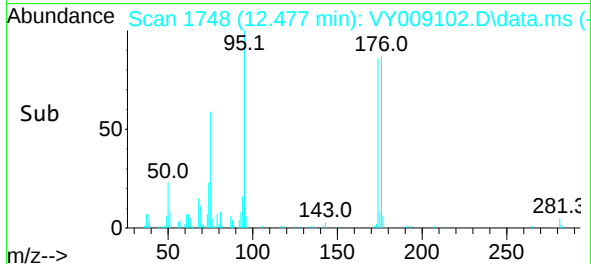
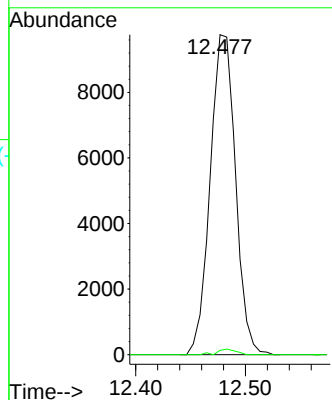
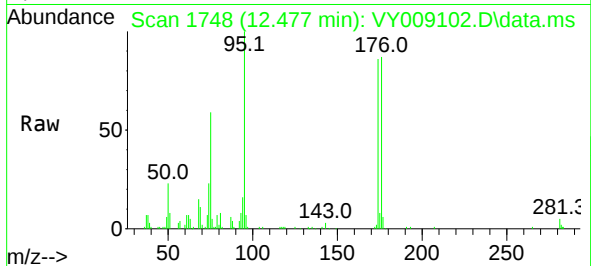




#76
1,2,3-Trichloropropane
Concen: 47.198 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009102.D
Acq: 25 May 2022 20:00

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

Tgt Ion: 75 Resp: 15697
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.873 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY009102.D
Acq: 25 May 2022 20:00

Tgt Ion: 75 Resp: 15697
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.5 37.0 55.4#

