

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008637.D
 Acq On : 05 May 2022 02:04
 Operator : KP/MD
 Sample : N2619-23
 Misc : 3.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS11-13-FT

Quant Time: May 05 04:43:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

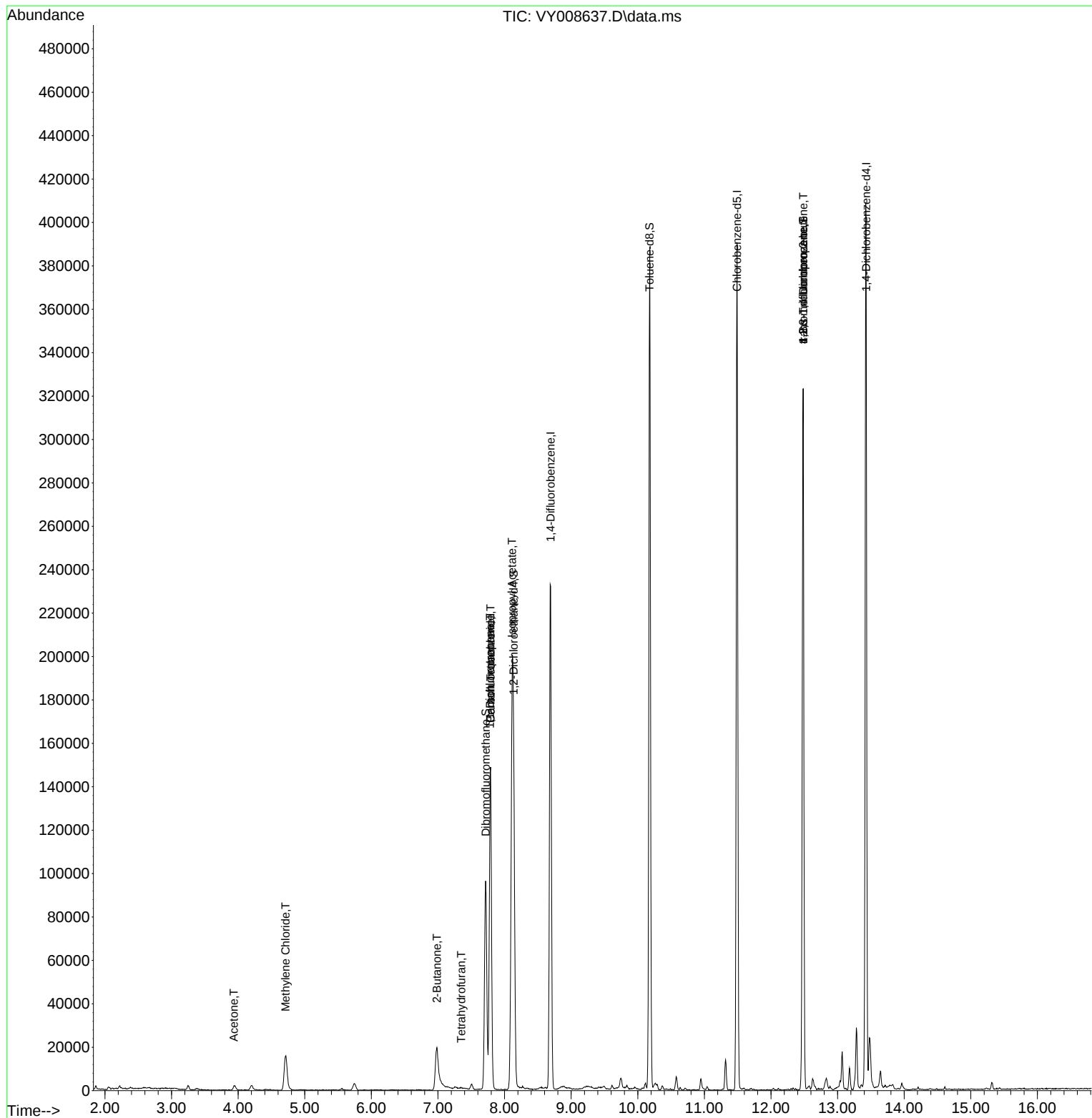
Internal Standards						
1) Pentafluorobenzene	7.789	168	127348	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	221985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	229128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	63065	50.952	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.900%	
35) Dibromofluoromethane	7.716	113	69528	47.334	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.660%	
50) Toluene-d8	10.179	98	265844	51.085	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.180%	
62) 4-Bromofluorobenzene	12.483	95	95166	49.894	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.780%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.650	94	222	Below Cal	#	68
11) Tert butyl alcohol	4.948	59	278	Below Cal	#	77
16) Acetone	3.936	43	3710	13.912	ug/l #	87
18) Methyl Acetate	4.466	43	495	Below Cal	#	56
20) Methylene Chloride	4.710	84	13559	2.857	ug/l #	79
25) 2-Butanone	6.984	43	1483	3.464	ug/l	99
29) Tetrahydrofuran	7.350	42	294	1.036	ug/l #	64
36) 1,1-Dichloropropene	7.783	75	8409	3.682	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11199	4.298	ug/l #	16
43) Isopropyl Acetate	8.112	43	3081	1.446	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	47026	38.690	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47026	78.440	ug/l #	7

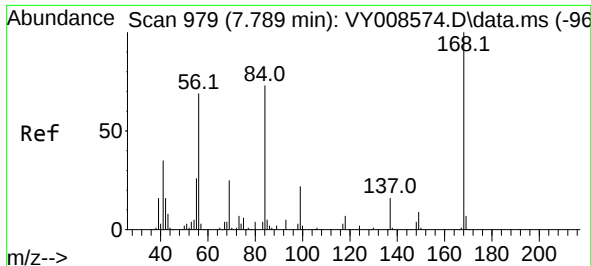
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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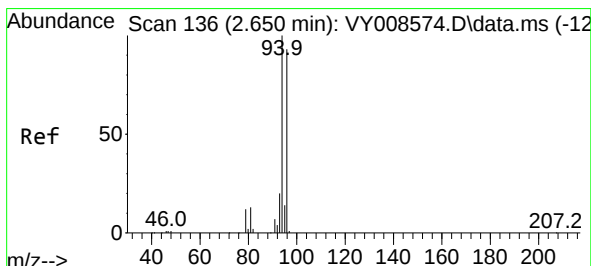
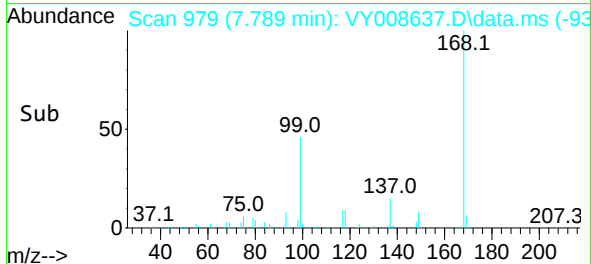
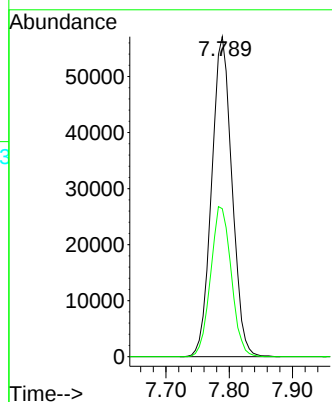
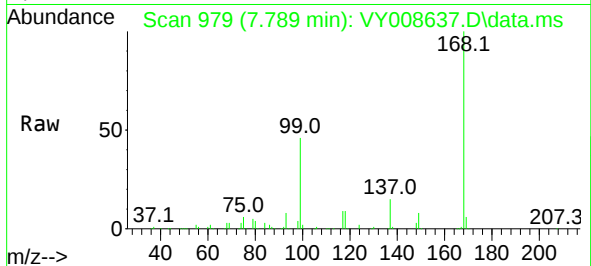




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008637.D
Acq: 05 May 2022 02:04

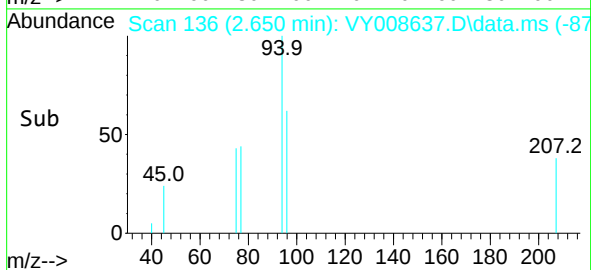
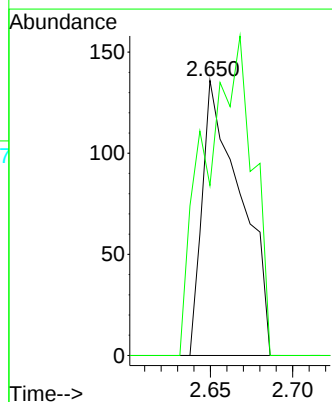
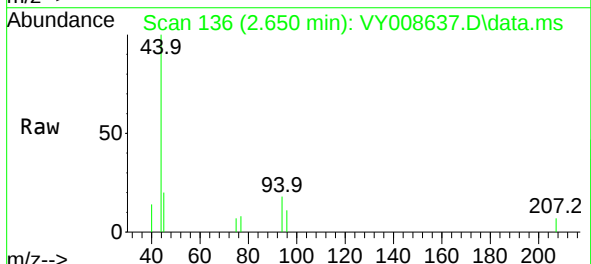
Instrument :
MSVOA_Y
ClientSampleId :
SS11-13-FT

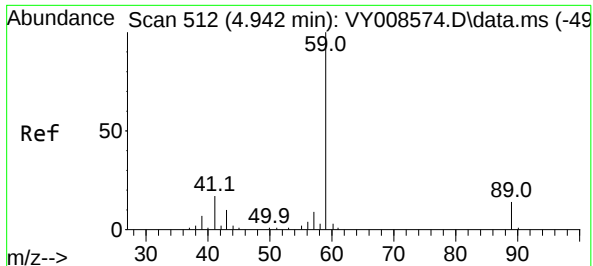
Tgt Ion:168 Resp: 127348
Ion Ratio Lower Upper
168 100
99 46.3 46.9 70.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 136
Delta R.T. -0.000 min
Lab File: VY008637.D
Acq: 05 May 2022 02:04

Tgt Ion: 94 Resp: 222
Ion Ratio Lower Upper
94 100
96 61.8 73.5 110.3#

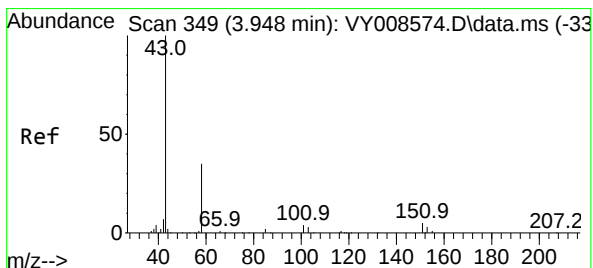
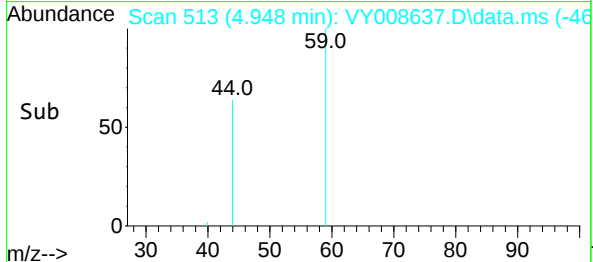
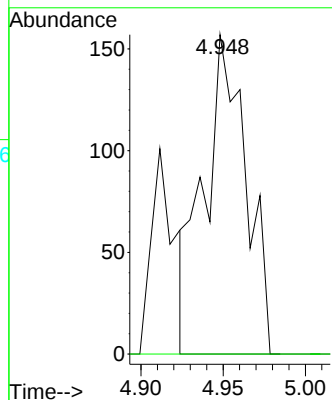
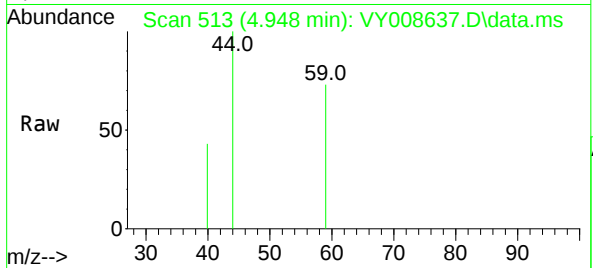




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008637.D
Acq: 05 May 2022 02:04

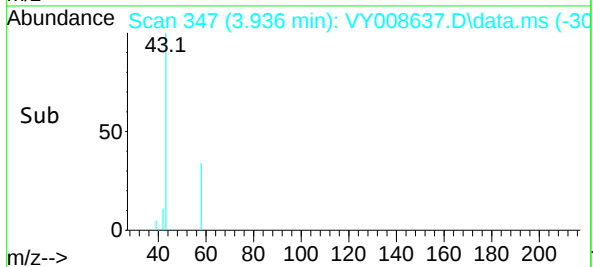
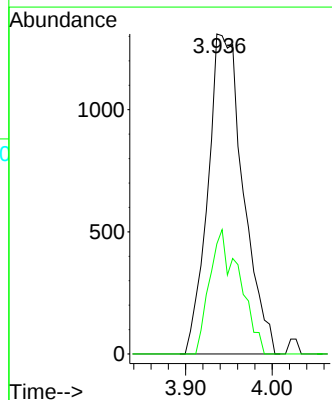
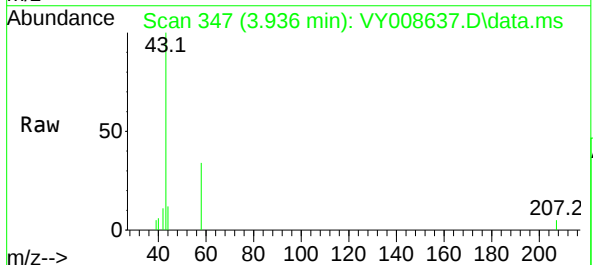
Instrument :
MSVOA_Y
ClientSampleId :
SS11-13-FT

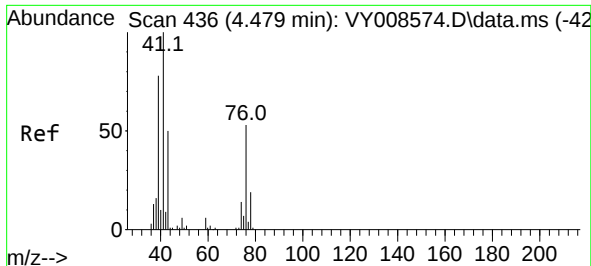
Tgt Ion: 59 Resp: 278
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 13.912 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY008637.D
Acq: 05 May 2022 02:04

Tgt Ion: 43 Resp: 3710
Ion Ratio Lower Upper
43 100
58 34.4 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.466 min Scan# 41

Delta R.T. -0.013 min

Lab File: VY008637.D

Acq: 05 May 2022 02:04

Instrument :

MSVOA_Y

ClientSampleId :

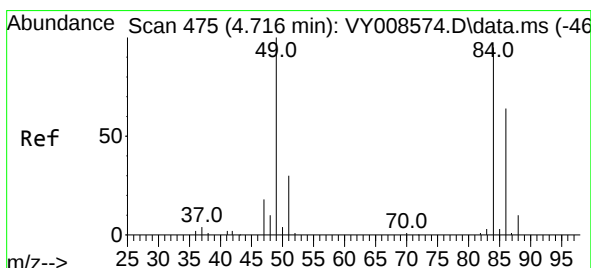
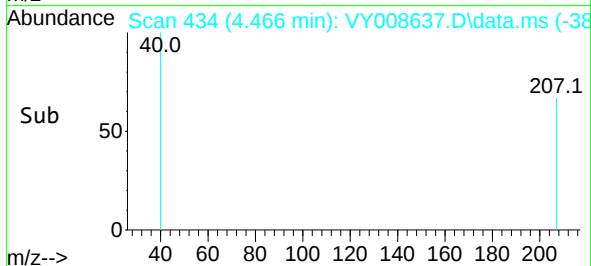
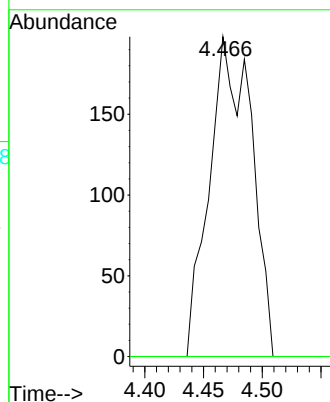
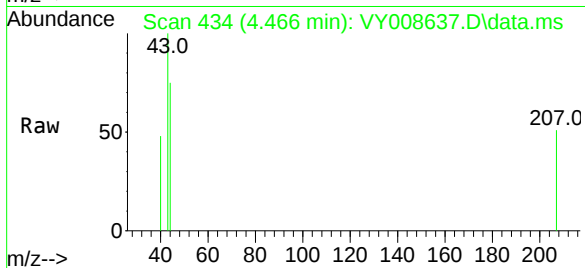
SS11-13-FT

Tgt Ion: 43 Resp: 495

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: 2.857 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY008637.D

Acq: 05 May 2022 02:04

Tgt Ion: 84 Resp: 13559

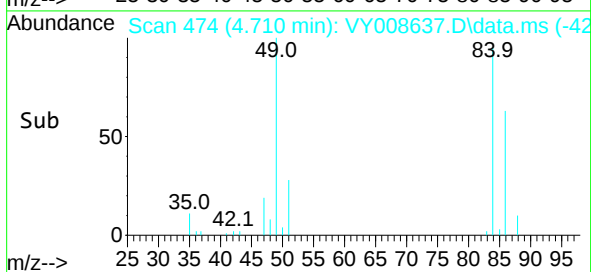
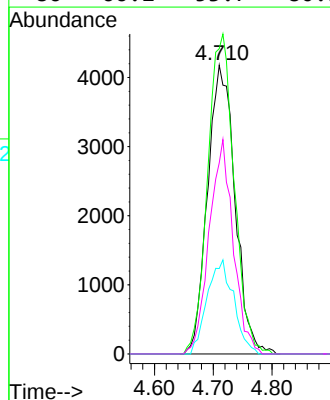
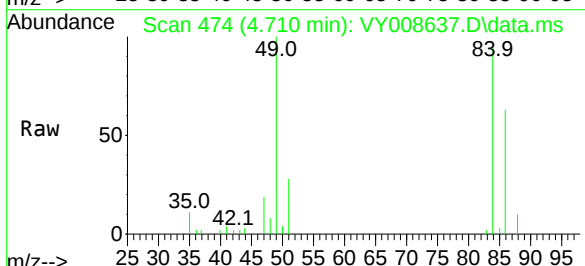
Ion Ratio Lower Upper

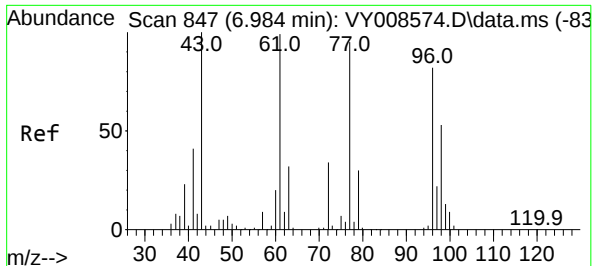
84 100

49 105.7 114.4 171.6#

51 29.6 35.3 52.9#

86 66.2 53.7 80.5





#25

2-Butanone

Concen: 3.464 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY008637.D

Acq: 05 May 2022 02:04

Instrument :

MSVOA_Y

ClientSampleId :

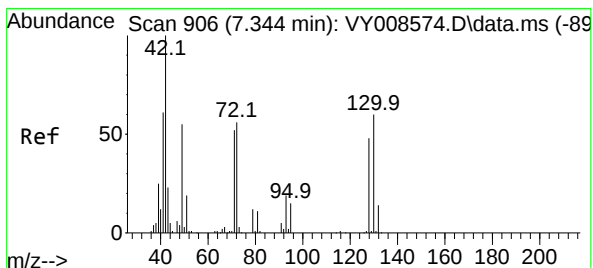
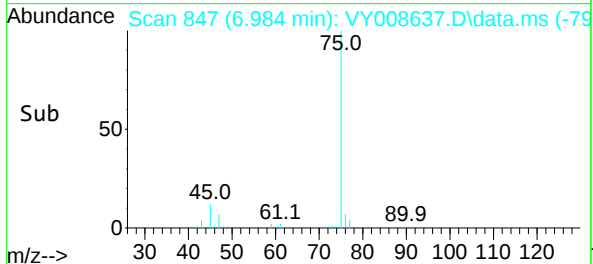
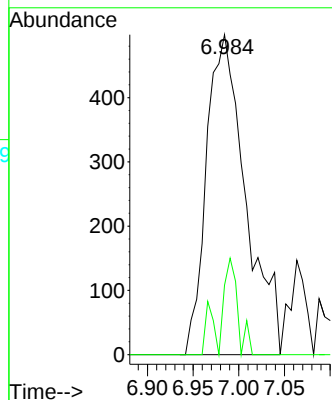
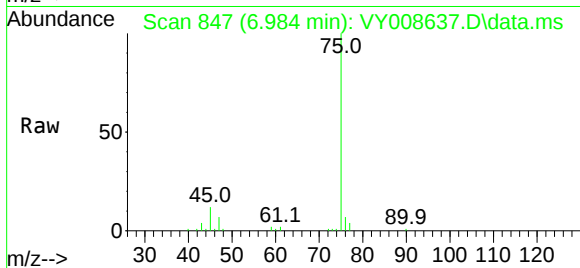
SS11-13-FT

Tgt Ion: 43 Resp: 1483

Ion Ratio Lower Upper

43 100

72 21.7 17.7 26.5



#29

Tetrahydrofuran

Concen: 1.036 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY008637.D

Acq: 05 May 2022 02:04

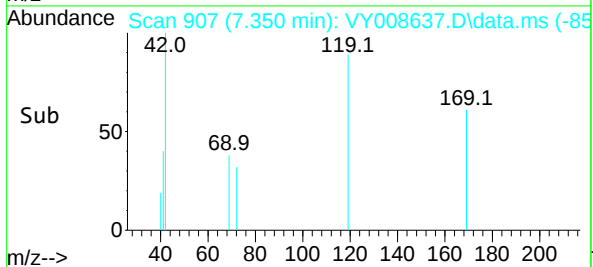
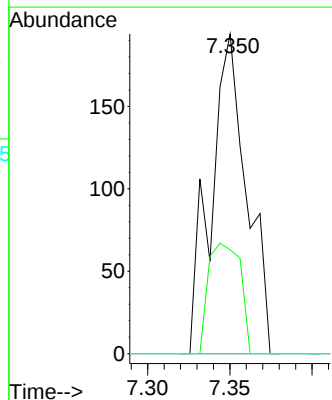
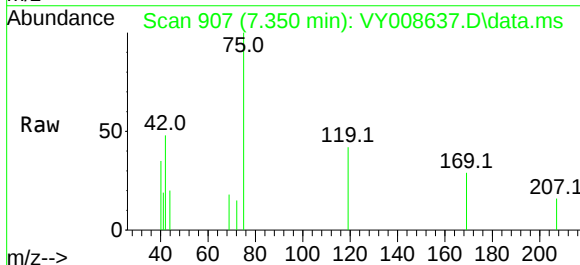
Tgt Ion: 42 Resp: 294

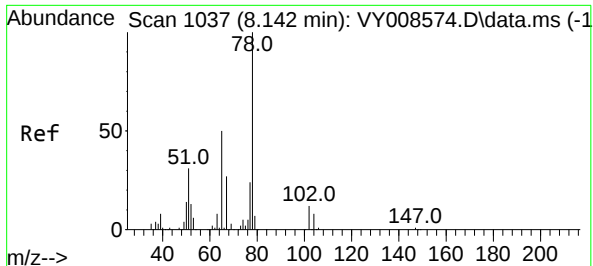
Ion Ratio Lower Upper

42 100

72 30.6 30.3 45.5

71 0.0 29.0 43.4#





#33

1,2-Dichloroethane-d4

Concen: 50.952 ug/l

RT: 8.137 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008637.D

Acq: 05 May 2022 02:04

Instrument :

MSVOA_Y

ClientSampleId :

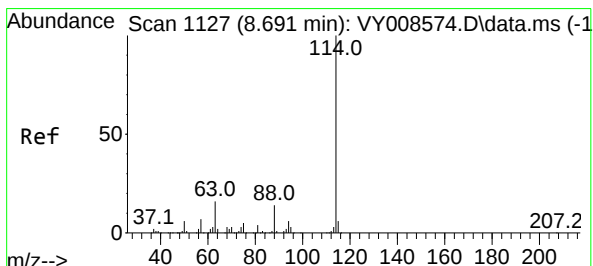
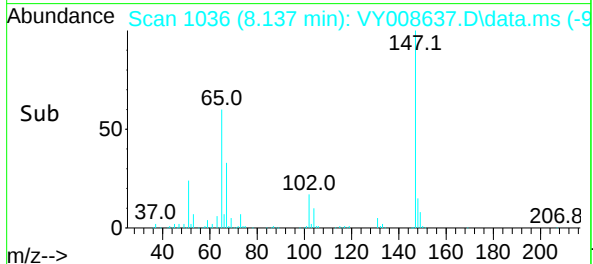
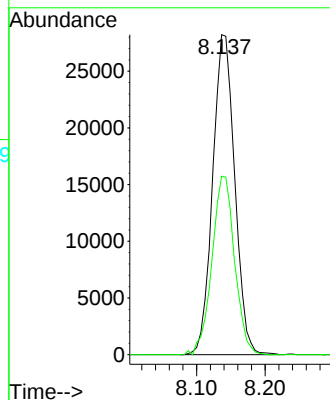
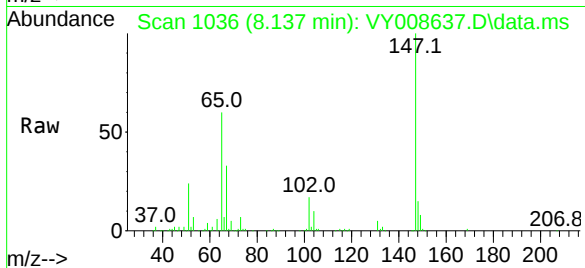
SS11-13-FT

Tgt Ion: 65 Resp: 63065

Ion Ratio Lower Upper

65 100

67 57.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008637.D

Acq: 05 May 2022 02:04

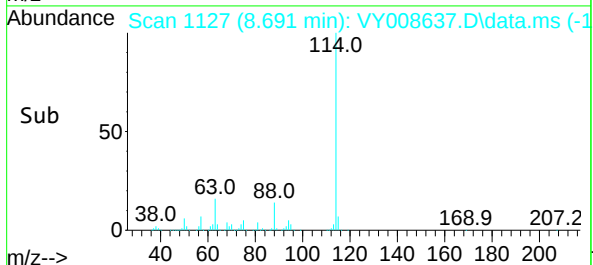
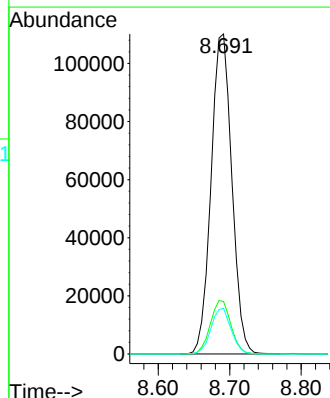
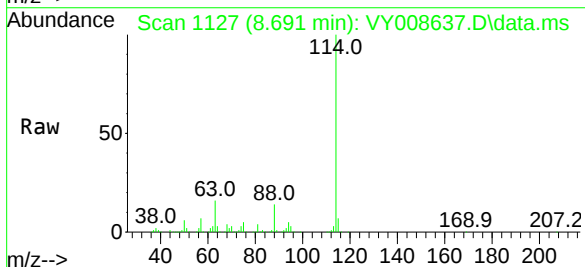
Tgt Ion: 114 Resp: 221985

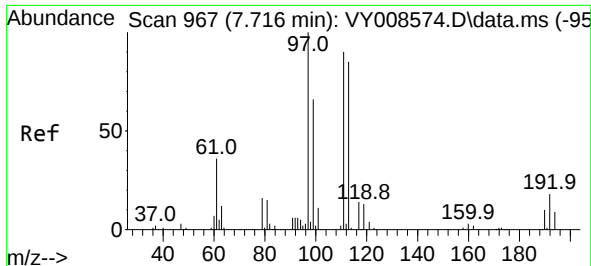
Ion Ratio Lower Upper

114 100

63 16.4 0.0 43.2

88 14.3 0.0 31.8

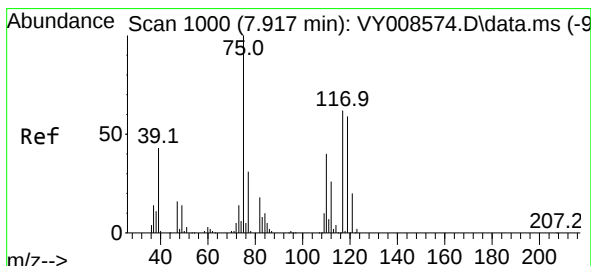
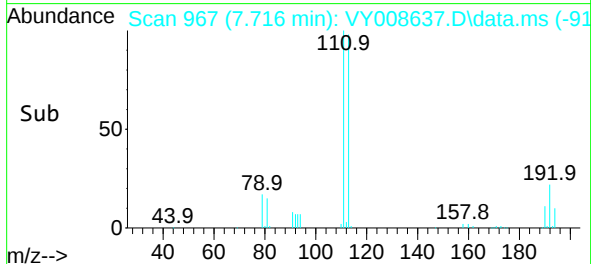
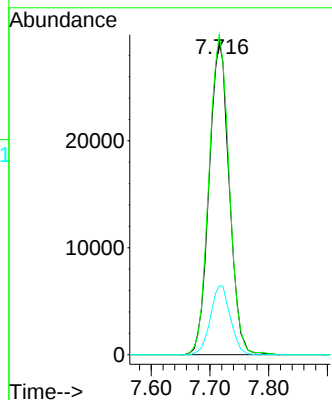
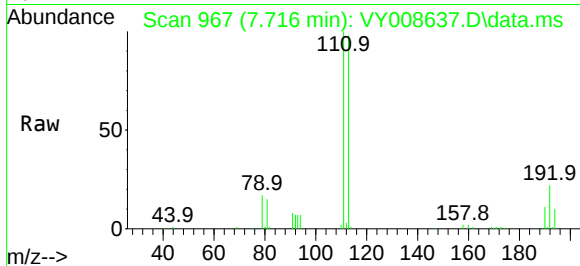




#35
Dibromofluoromethane
Concen: 47.334 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY008637.D
Acq: 05 May 2022 02:04

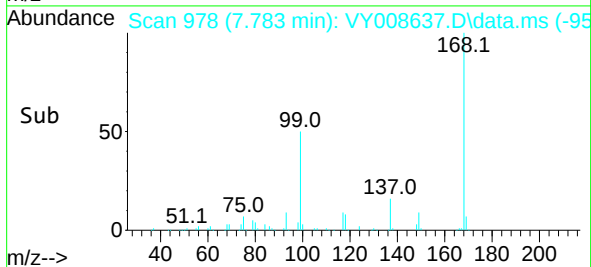
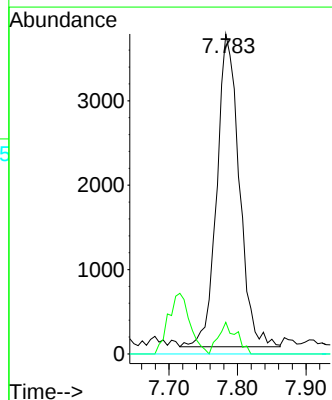
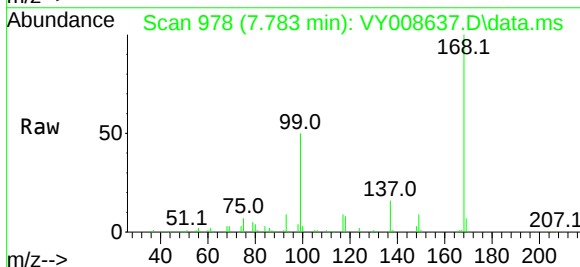
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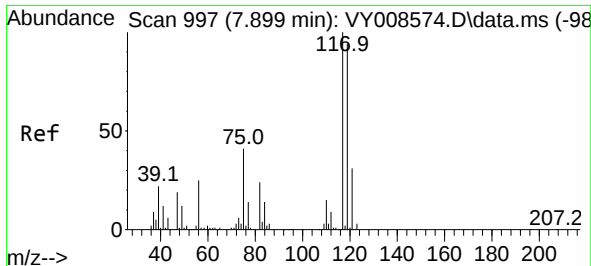
Tgt Ion:113 Resp: 69528
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 21.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.682 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008637.D
Acq: 05 May 2022 02:04

Tgt Ion: 75 Resp: 8409
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.2#
77 0.0 24.4 36.6#

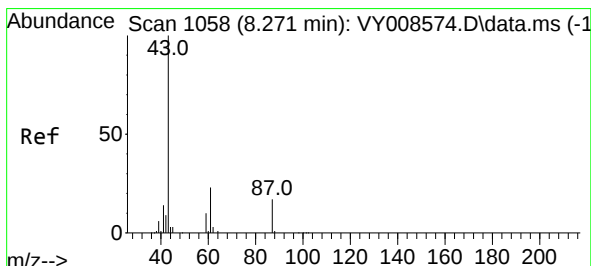
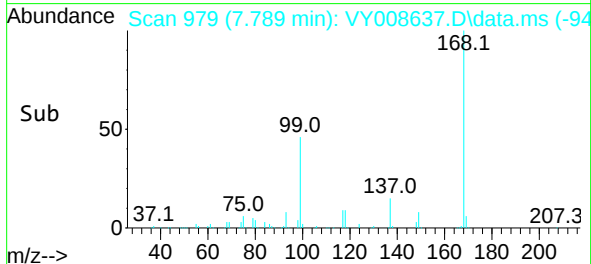
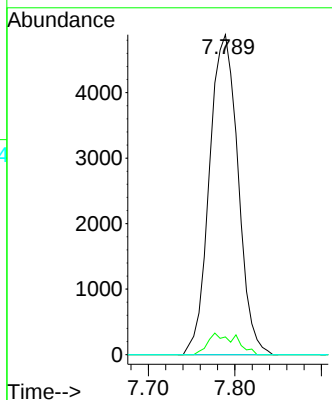
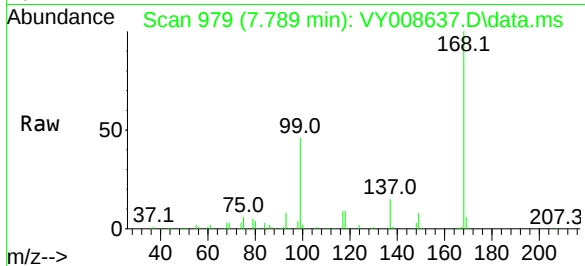




#38
Carbon Tetrachloride
Concen: 4.298 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008637.D
Acq: 05 May 2022 02:04

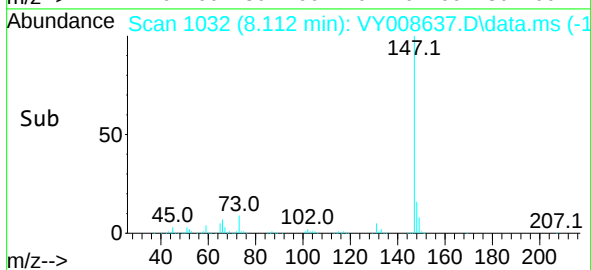
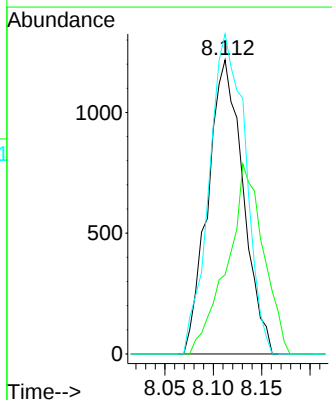
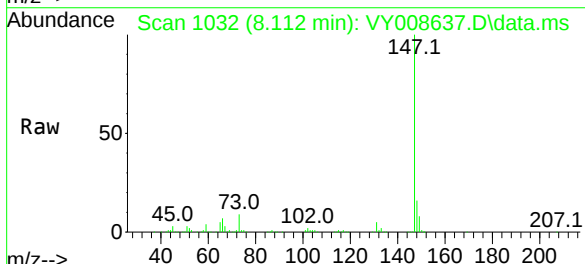
Instrument :
MSVOA_Y
ClientSampleId :
SS11-13-FT

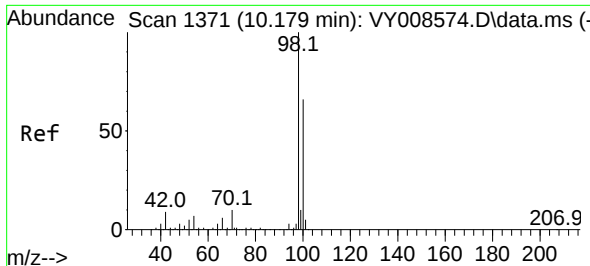
Tgt Ion:117 Resp: 11199
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 1.446 ug/l
RT: 8.112 min Scan# 1032
Delta R.T. -0.158 min
Lab File: VY008637.D
Acq: 05 May 2022 02:04

Tgt Ion: 43 Resp: 3081
Ion Ratio Lower Upper
43 100
61 66.3 20.2 30.2#
87 112.0 8.9 13.3#

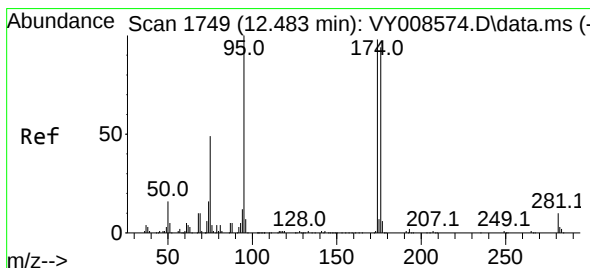
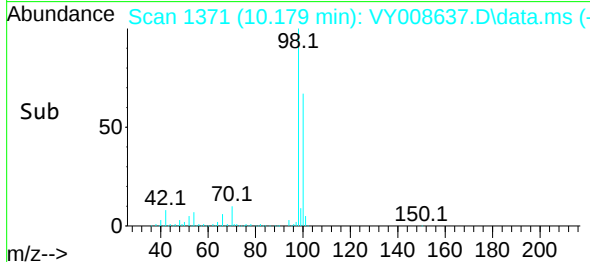
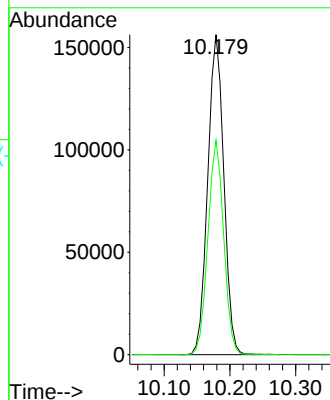
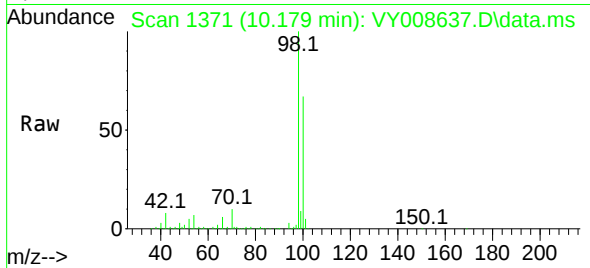




#50
Toluene-d8
Concen: 51.085 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008637.D
Acq: 05 May 2022 02:04

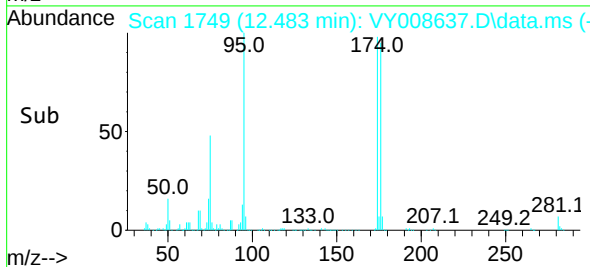
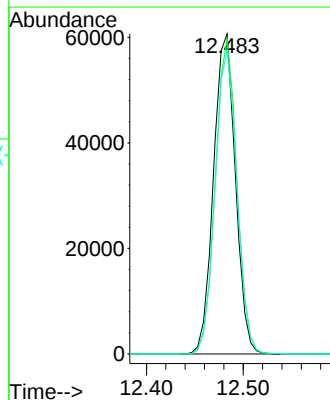
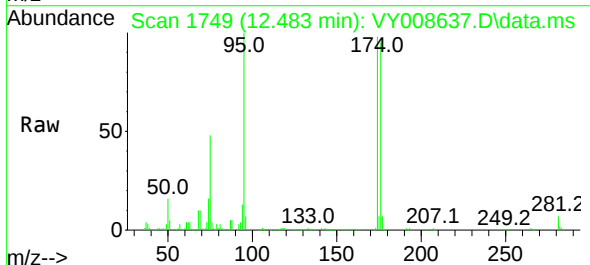
Instrument :
MSVOA_Y
ClientSampleId :
SS11-13-FT

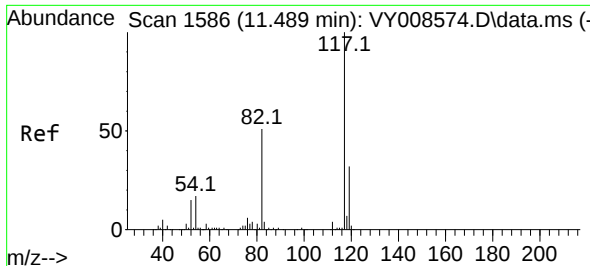
Tgt Ion: 98 Resp: 265844
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.894 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008637.D
Acq: 05 May 2022 02:04

Tgt Ion: 95 Resp: 95166
Ion Ratio Lower Upper
95 100
174 97.2 0.0 177.0
176 94.2 0.0 175.8

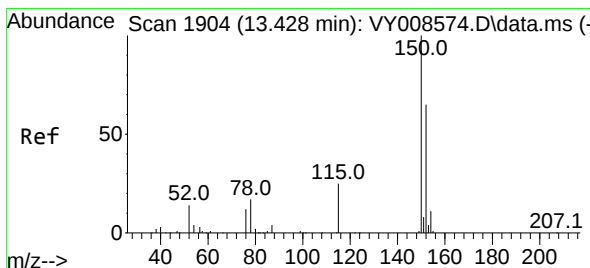
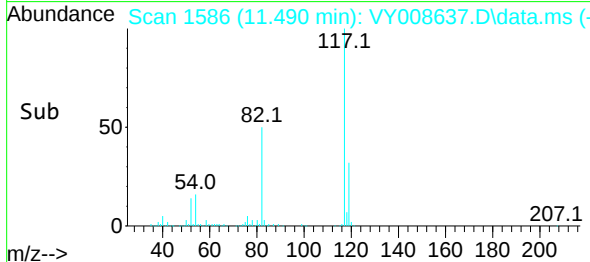
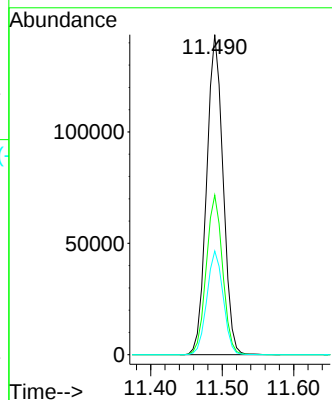
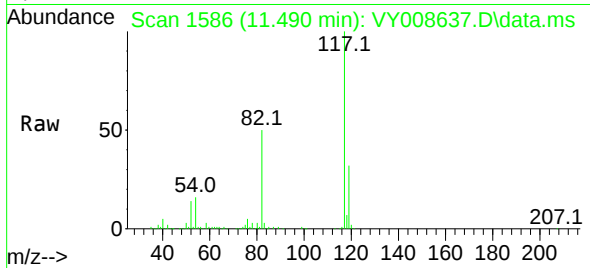




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008637.D
Acq: 05 May 2022 02:04

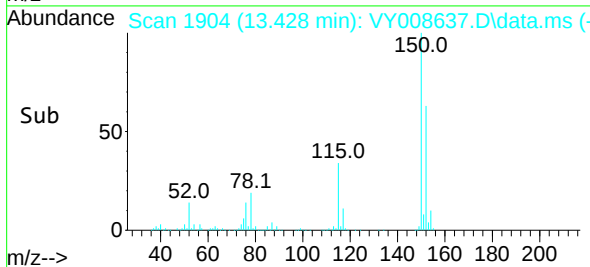
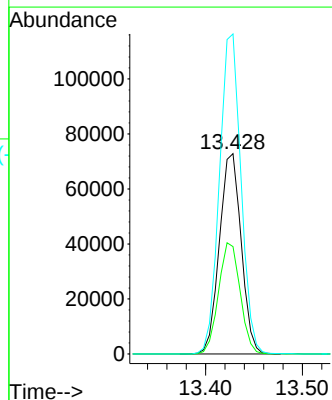
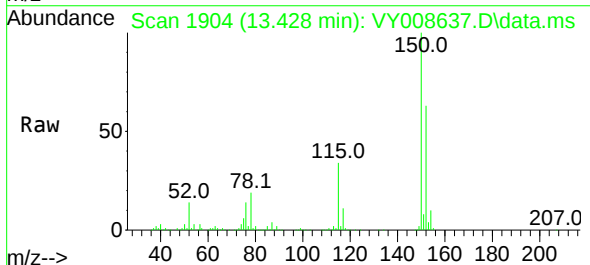
Instrument :
MSVOA_Y
ClientSampleId :
SS11-13-FT

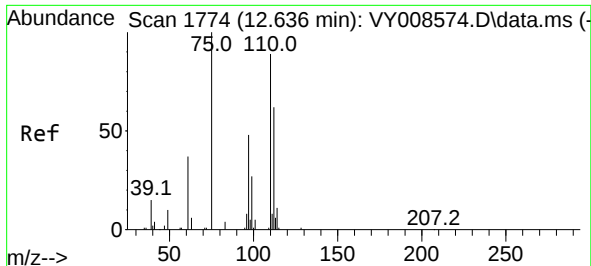
Tgt Ion:117 Resp: 229128
Ion Ratio Lower Upper
117 100
82 49.8 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008637.D
Acq: 05 May 2022 02:04

Tgt Ion:152 Resp: 113863
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 157.8 0.0 347.6

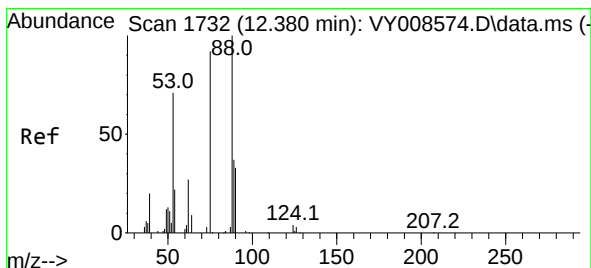
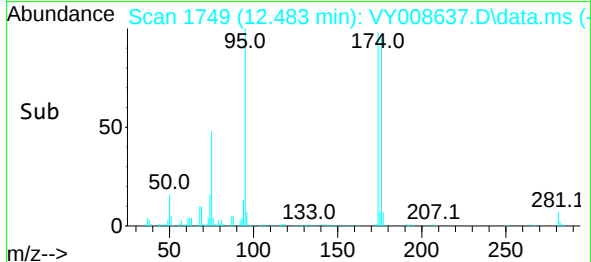
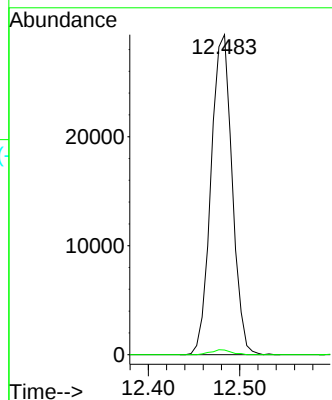
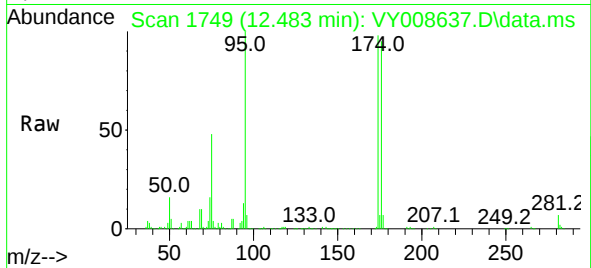




#76
1,2,3-Trichloropropane
Concen: 38.690 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008637.D
Acq: 05 May 2022 02:04

Instrument :
MSVOA_Y
ClientSampleId :
SS11-13-FT

Tgt Ion: 75 Resp: 47026
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.440 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008637.D
Acq: 05 May 2022 02:04

Tgt Ion: 75 Resp: 47026
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

