

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008635.D
 Acq On : 05 May 2022 01:17
 Operator : KP/MD
 Sample : N2619-21
 Misc : 4.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS10-1-2-FT

Quant Time: May 05 04:42:39 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)

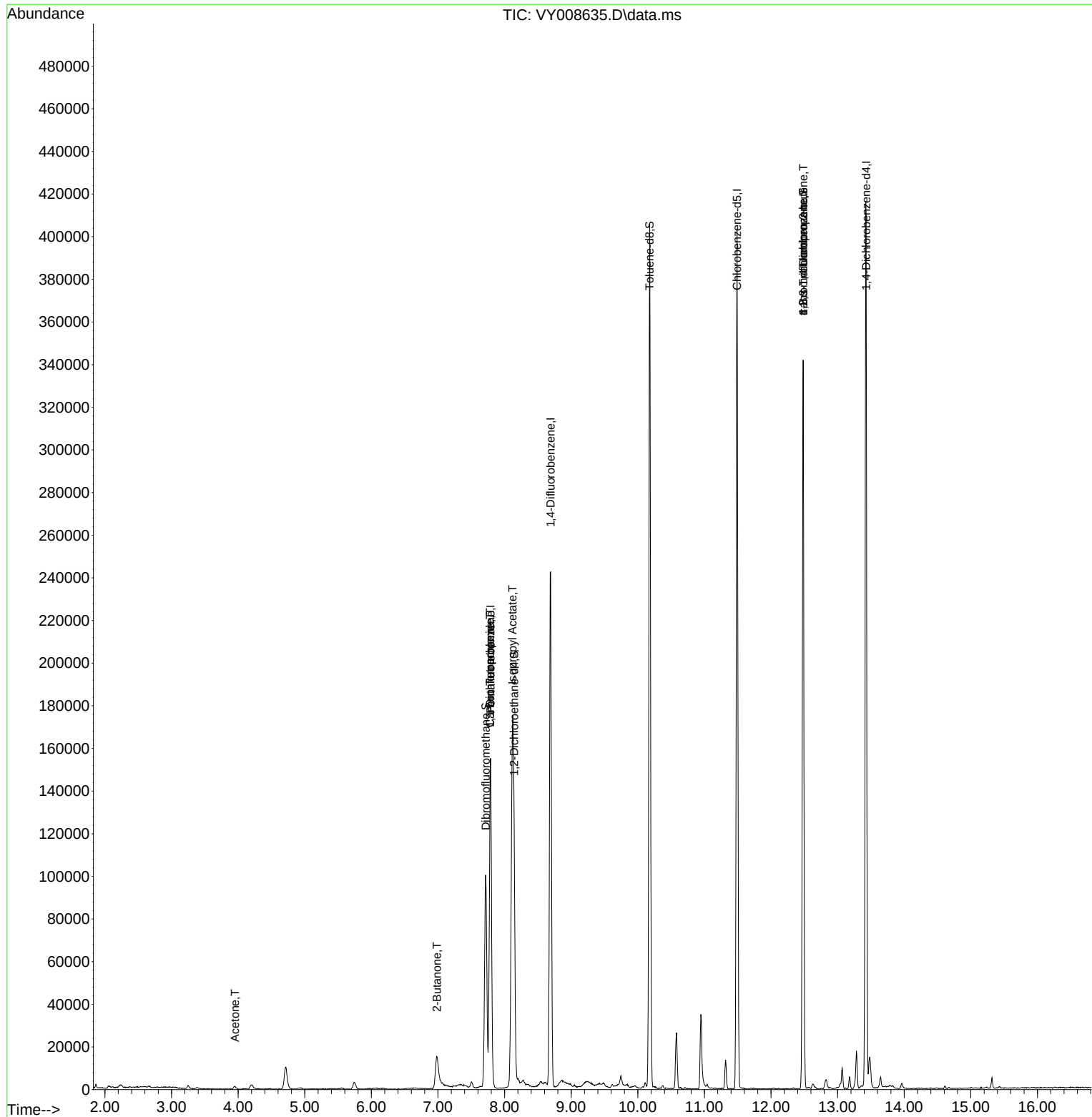
Internal Standards						
1) Pentafluorobenzene	7.789	168	130729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	228694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	236636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	64277	50.588	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.180%			
35) Dibromofluoromethane	7.716	113	71009	46.924	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.840%			
50) Toluene-d8	10.179	98	271919	50.720	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.440%			
62) 4-Bromofluorobenzene	12.483	95	99713	50.744	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.480%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	256	Below Cal	#	74
11) Tert butyl alcohol	4.942	59	909	Below Cal	#	77
16) Acetone	3.954	43	2345	8.566	ug/l #	82
18) Methyl Acetate	4.479	43	433	Below Cal	#	75
20) Methylene Chloride	4.710	84	8501	Below Cal	#	82
25) 2-Butanone	6.984	43	1070	2.435	ug/l #	54
36) 1,1-Dichloropropene	7.783	75	8605	3.657	ug/l #	51
38) Carbon Tetrachloride	7.783	117	11646	4.338	ug/l #	16
43) Isopropyl Acetate	8.118	43	2551	1.162	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	48198	38.553	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48198	78.162	ug/l #	7

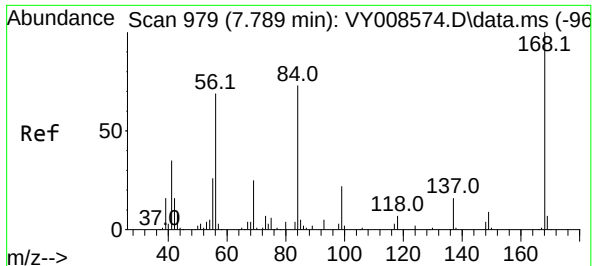
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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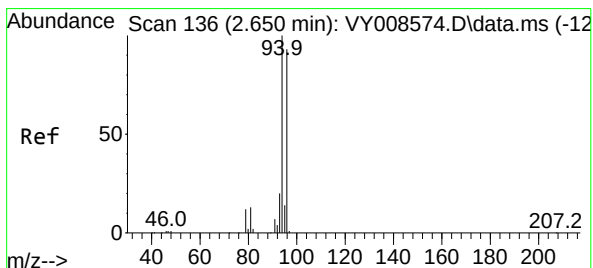
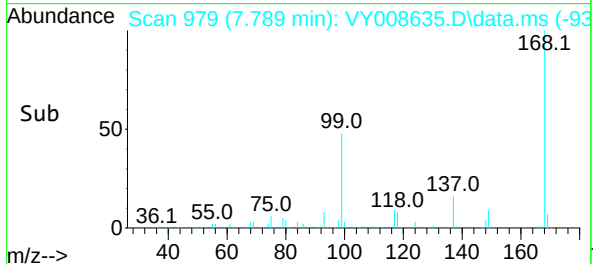
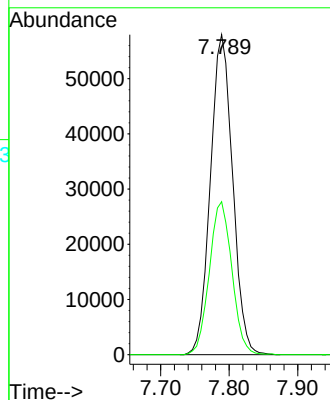
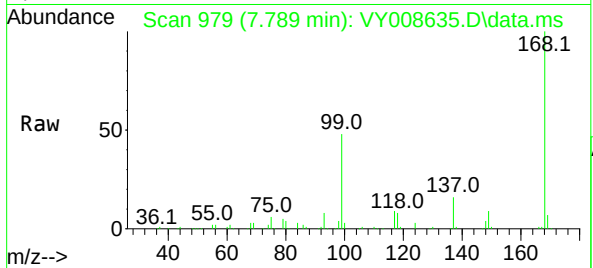




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008635.D
Acq: 05 May 2022 01:17

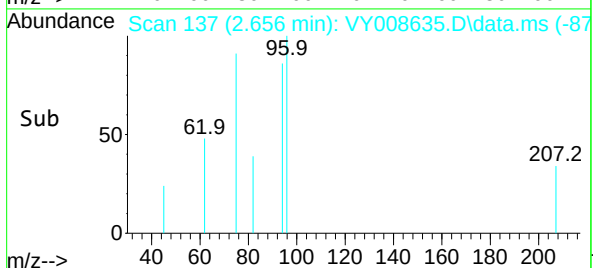
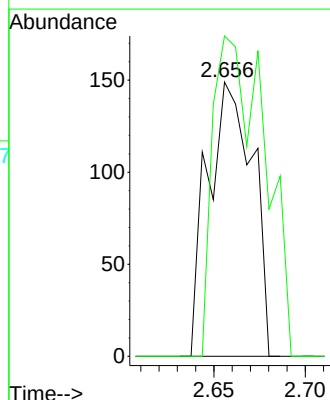
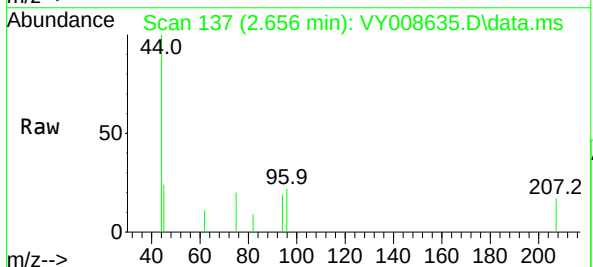
Instrument :
MSVOA_Y
ClientSampleId :
SS10-1-2-FT

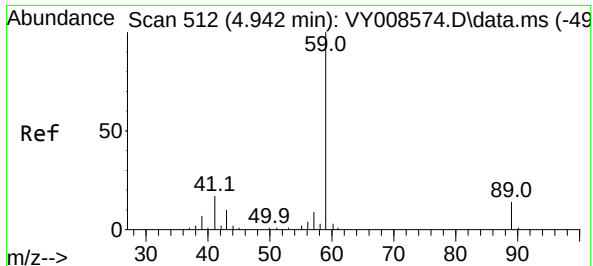
Tgt Ion:168 Resp: 130729
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.006 min
Lab File: VY008635.D
Acq: 05 May 2022 01:17

Tgt Ion: 94 Resp: 256
Ion Ratio Lower Upper
94 100
96 116.8 73.5 110.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.942 min Scan# 512

Delta R.T. -0.000 min

Lab File: VY008635.D

Acq: 05 May 2022 01:17

Instrument :

MSVOA_Y

ClientSampleId :

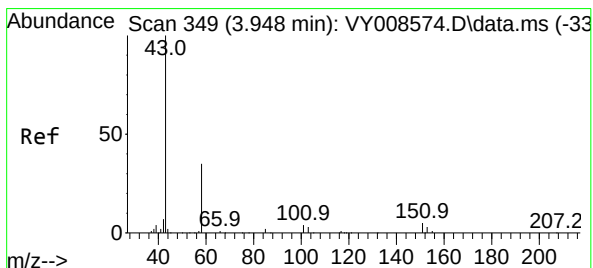
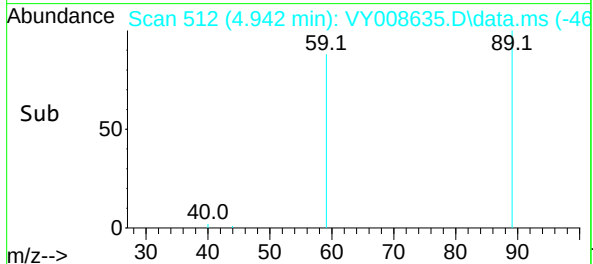
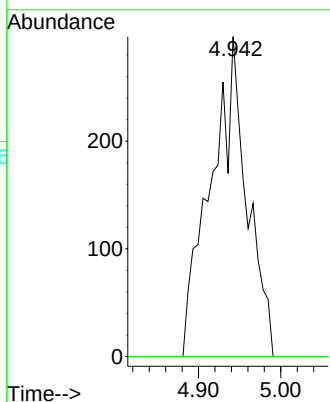
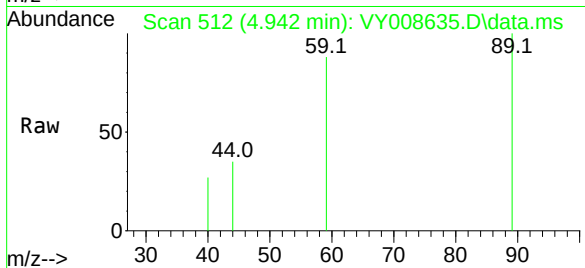
SS10-1-2-FT

Tgt Ion: 59 Resp: 909

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 8.566 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY008635.D

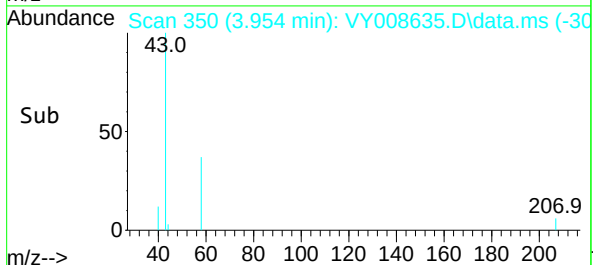
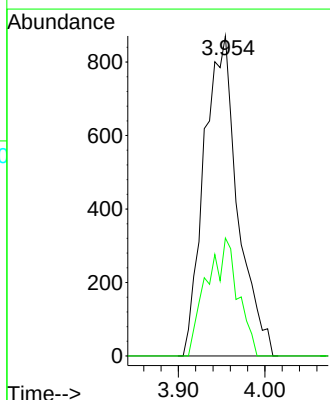
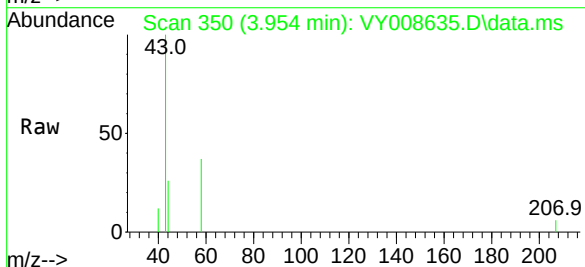
Acq: 05 May 2022 01:17

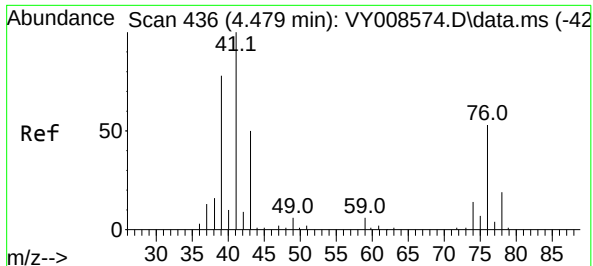
Tgt Ion: 43 Resp: 2345

Ion Ratio Lower Upper

43 100

58 36.9 22.0 33.0#

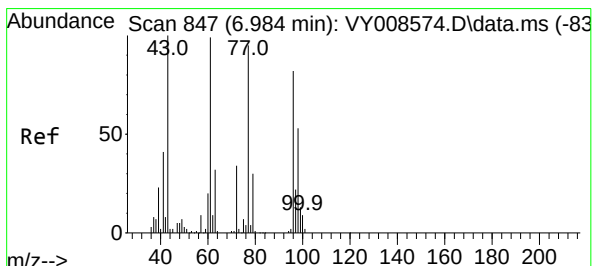
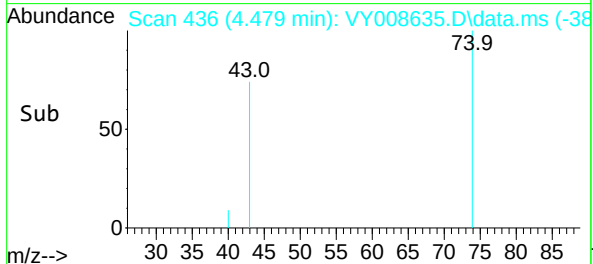
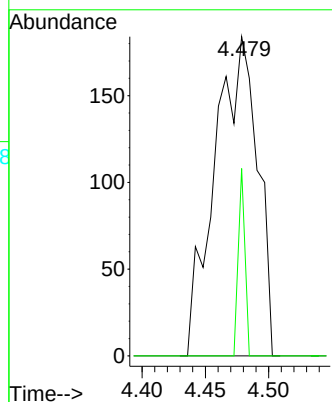
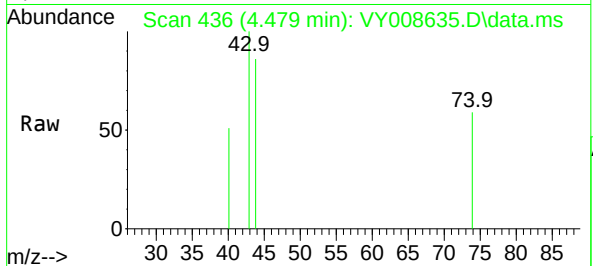




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY008635.D
Acq: 05 May 2022 01:17

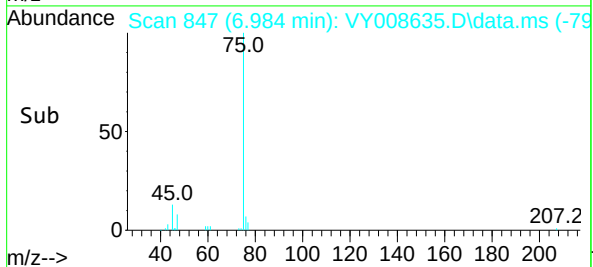
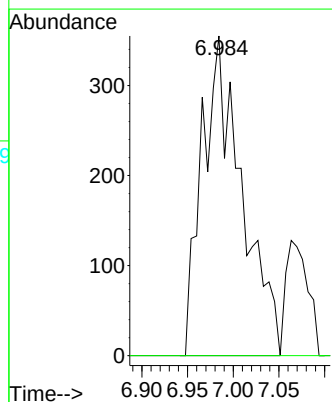
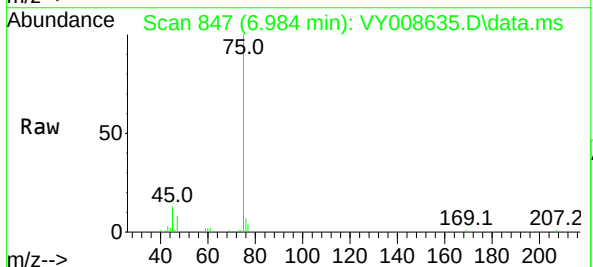
Instrument :
MSVOA_Y
ClientSampleId :
SS10-1-2-FT

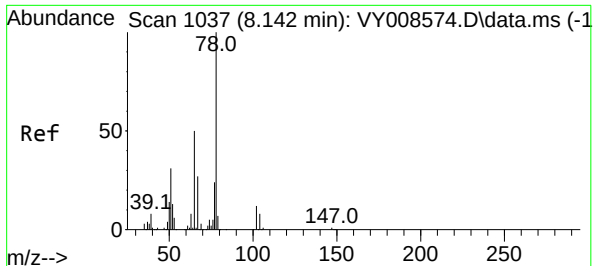
Tgt Ion: 43 Resp: 433
Ion Ratio Lower Upper
43 100
74 9.2 16.6 24.8#



#25
2-Butanone
Concen: 2.435 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008635.D
Acq: 05 May 2022 01:17

Tgt Ion: 43 Resp: 1070
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 50.588 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008635.D

Acq: 05 May 2022 01:17

Instrument :

MSVOA_Y

ClientSampleId :

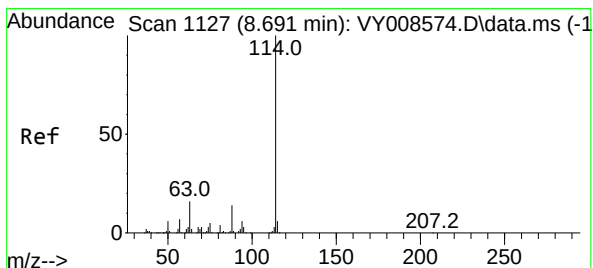
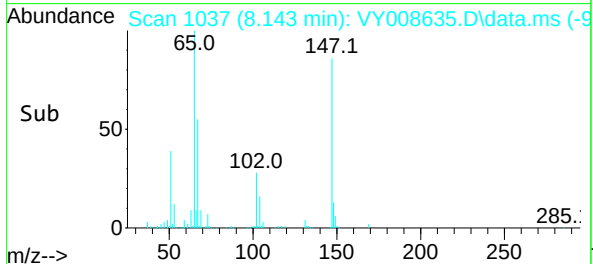
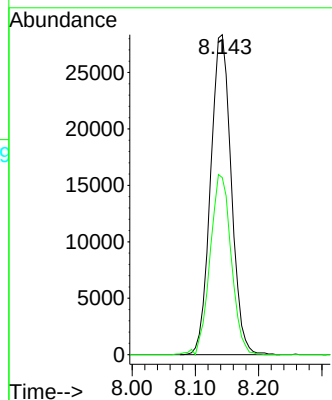
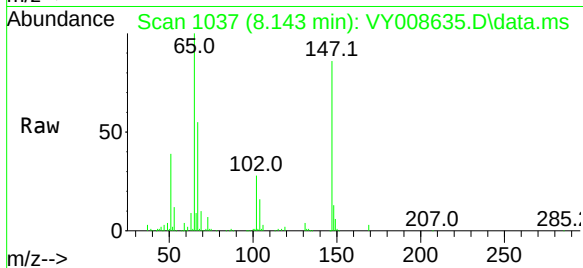
SS10-1-2-FT

Tgt Ion: 65 Resp: 64277

Ion Ratio Lower Upper

65 100

67 57.5 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: VY008635.D

Acq: 05 May 2022 01:17

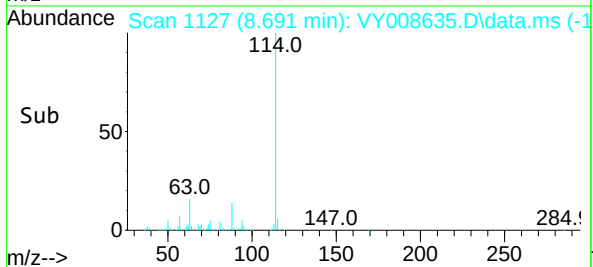
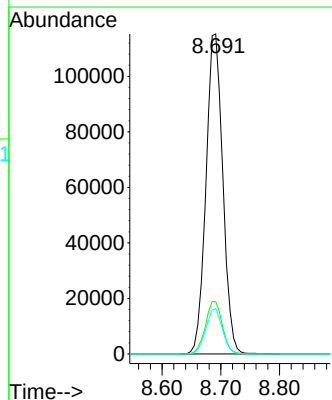
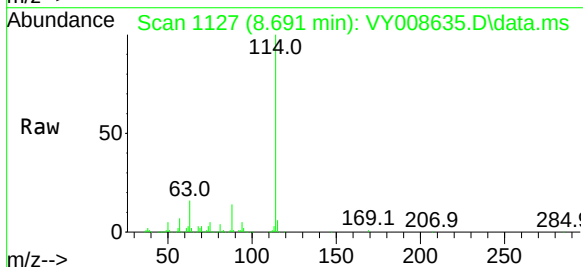
Tgt Ion: 114 Resp: 228694

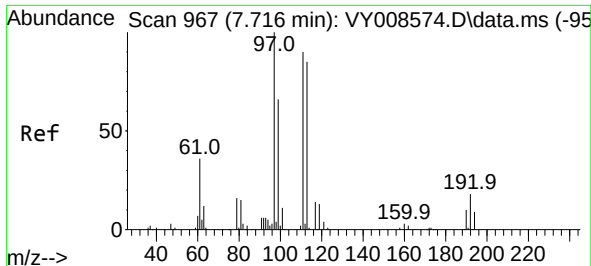
Ion Ratio Lower Upper

114 100

63 16.3 0.0 43.2

88 14.2 0.0 31.8

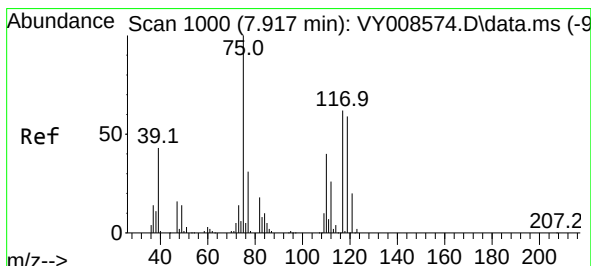
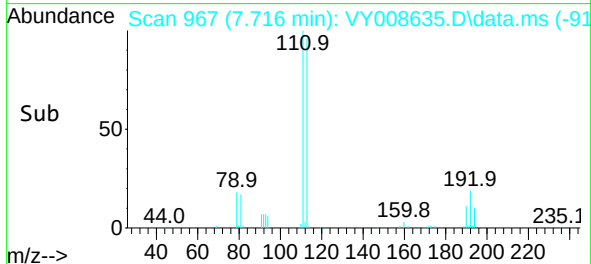
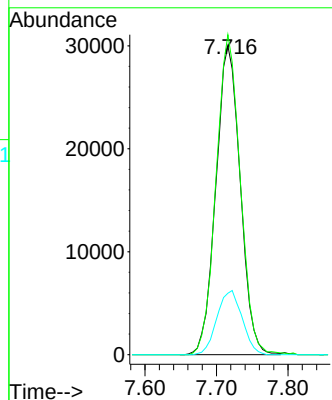
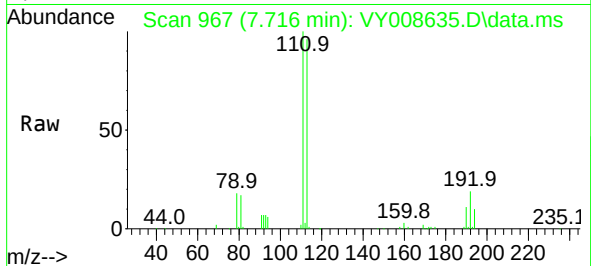




#35
Dibromofluoromethane
Concen: 46.924 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY008635.D
Acq: 05 May 2022 01:17

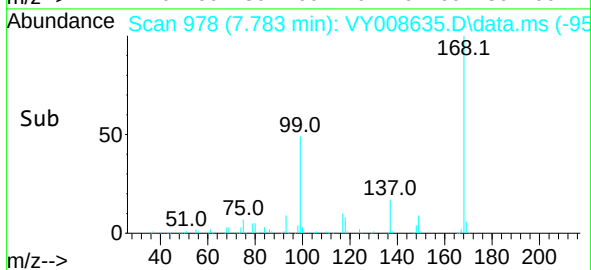
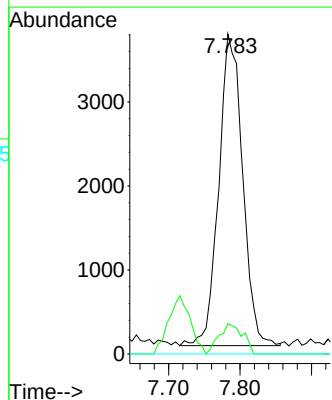
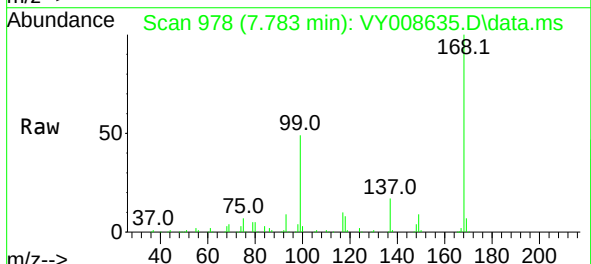
Instrument :
MSVOA_Y
ClientSampleId :
SS10-1-2-FT

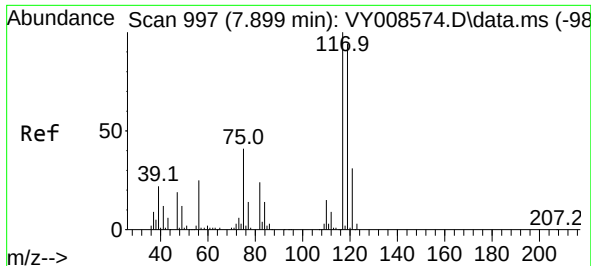
Tgt Ion:113 Resp: 71009
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 21.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.657 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008635.D
Acq: 05 May 2022 01:17

Tgt Ion: 75 Resp: 8605
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#

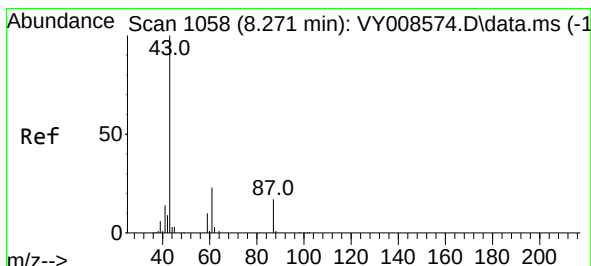
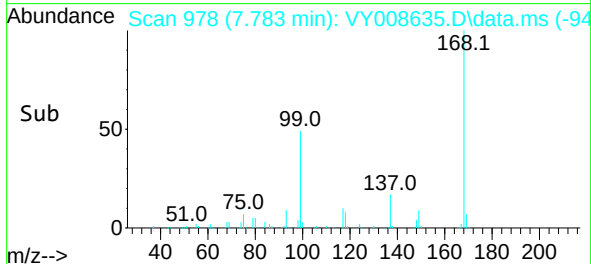
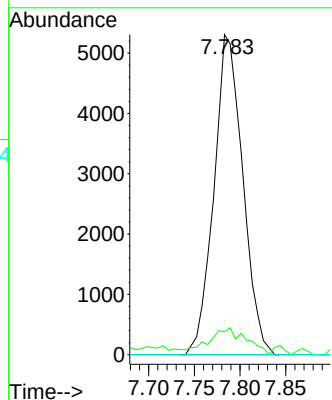
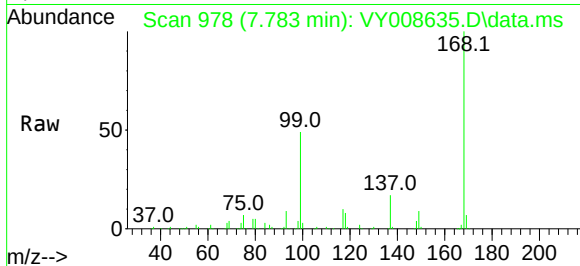




#38
Carbon Tetrachloride
Concen: 4.338 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008635.D
Acq: 05 May 2022 01:17

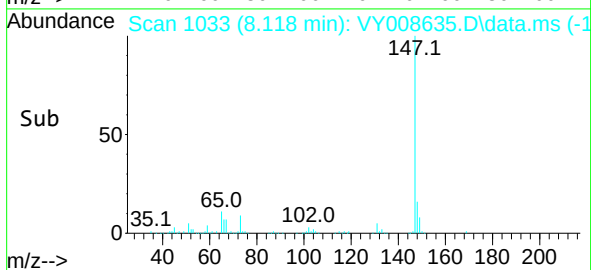
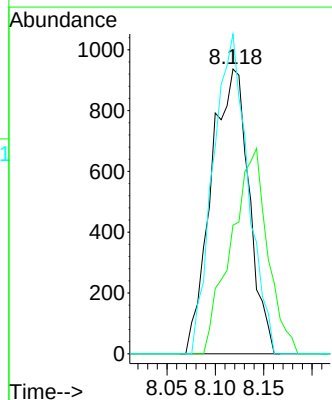
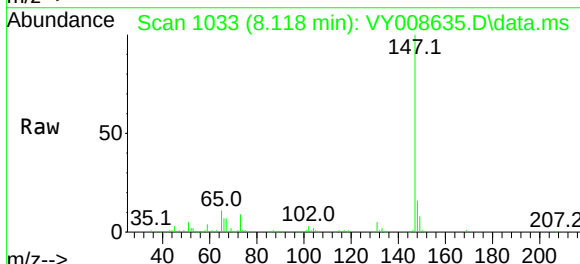
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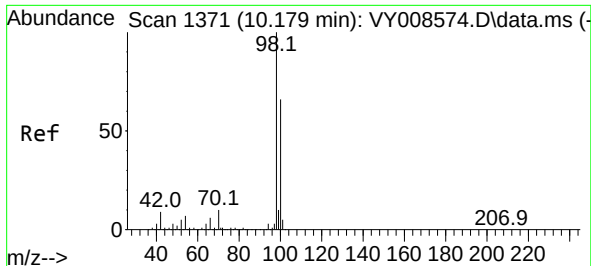
Tgt Ion: 117 Resp: 11646
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 1.162 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.152 min
Lab File: VY008635.D
Acq: 05 May 2022 01:17

Tgt Ion: 43 Resp: 2551
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 103.1 8.9 13.3#

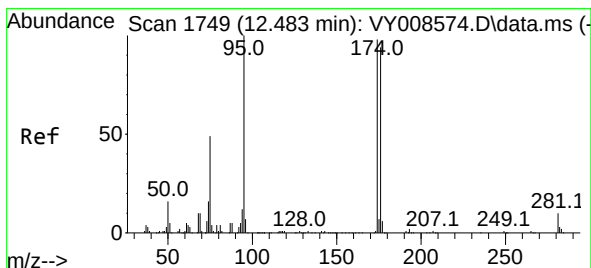
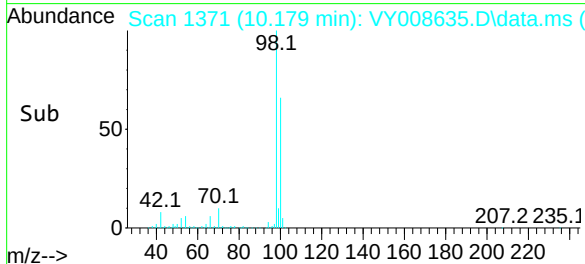
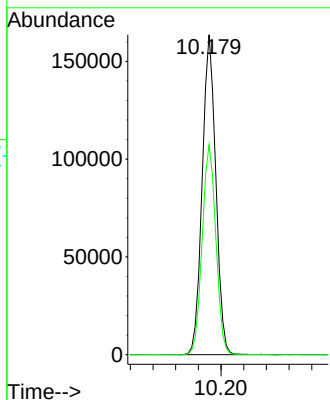
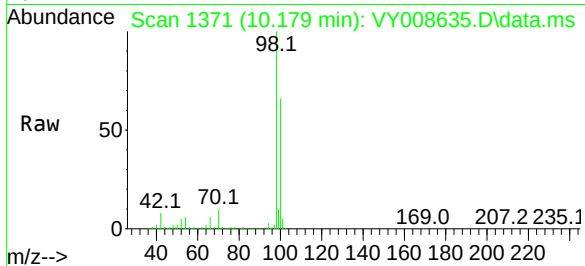




#50
Toluene-d8
Concen: 50.720 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008635.D
Acq: 05 May 2022 01:17

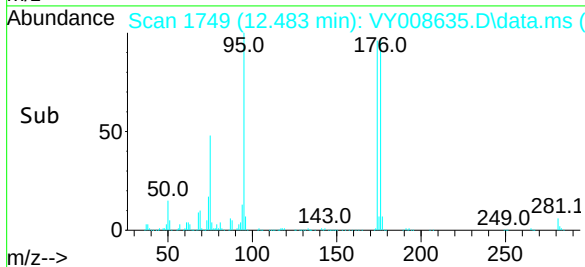
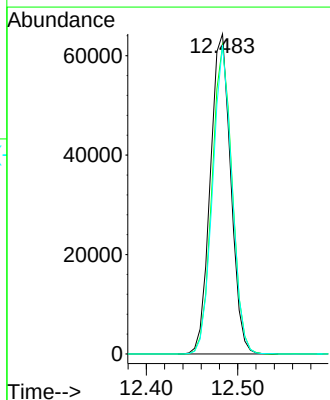
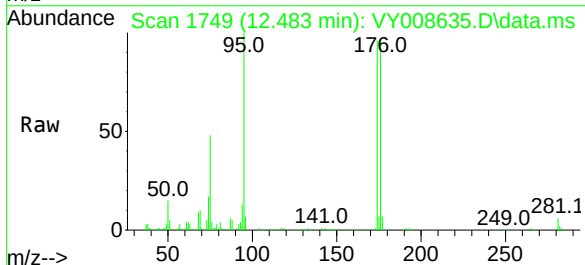
Instrument :
MSVOA_Y
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SS10-1-2-FT

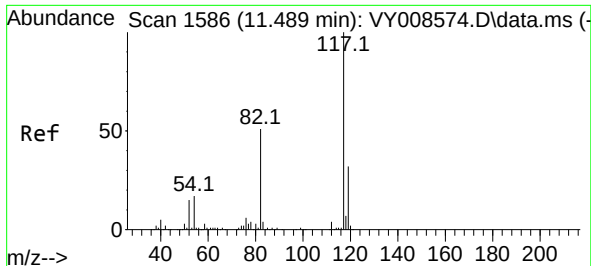
Tgt Ion: 98 Resp: 271919
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.744 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008635.D
Acq: 05 May 2022 01:17

Tgt Ion: 95 Resp: 99713
Ion Ratio Lower Upper
95 100
174 94.6 0.0 177.0
176 91.7 0.0 175.8

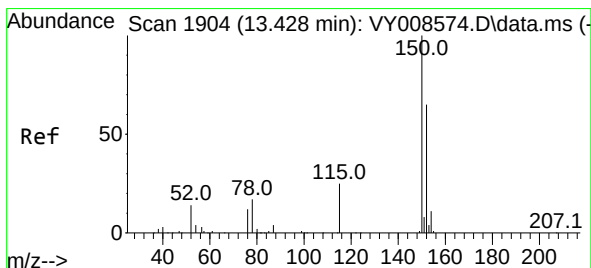
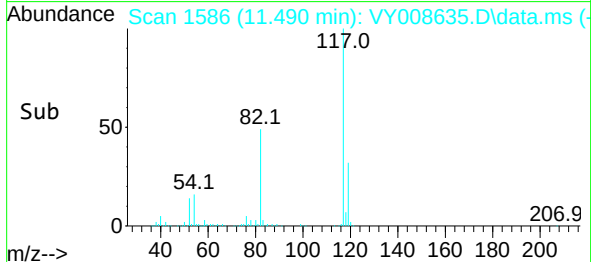
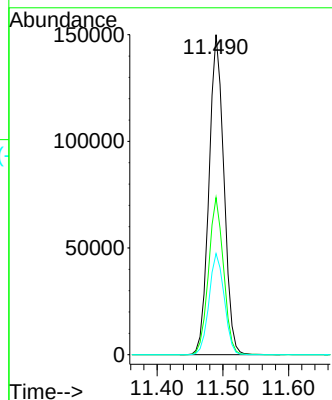
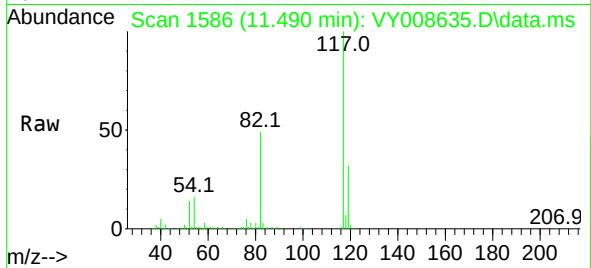




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008635.D
Acq: 05 May 2022 01:17

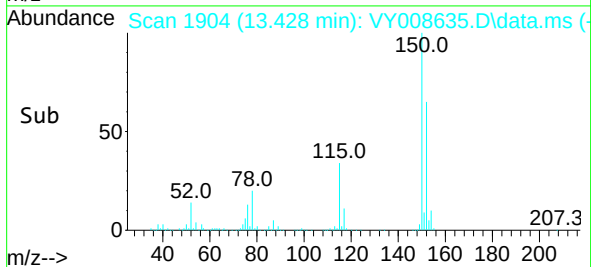
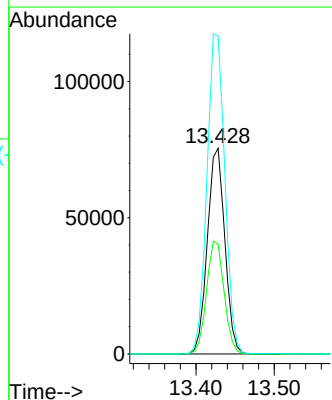
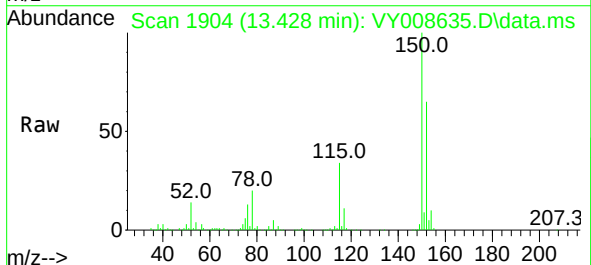
Instrument :
MSVOA_Y
ClientSampleId :
SS10-1-2-FT

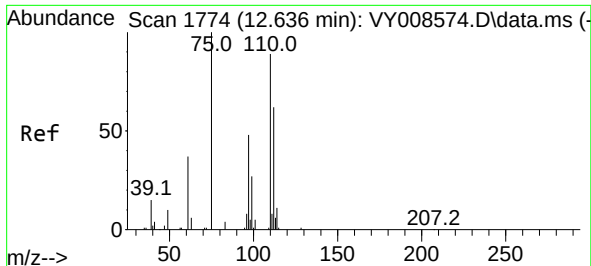
Tgt Ion:117 Resp: 236636
Ion Ratio Lower Upper
117 100
82 49.1 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008635.D
Acq: 05 May 2022 01:17

Tgt Ion:152 Resp: 117116
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 159.1 0.0 347.6

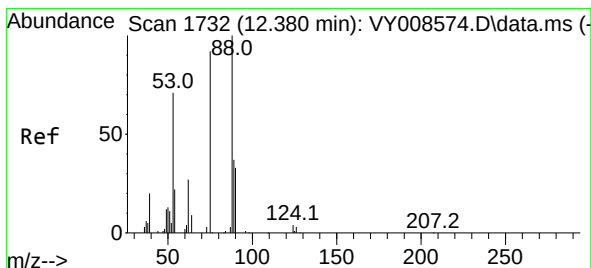
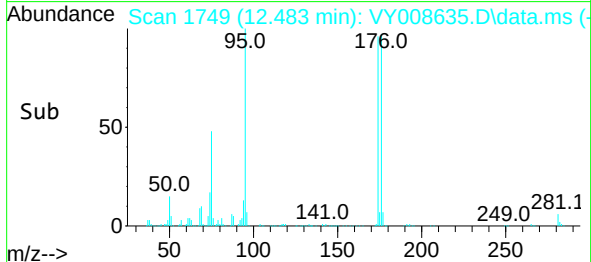
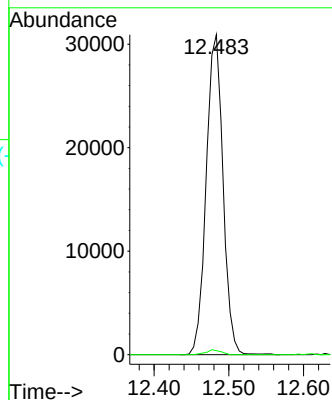
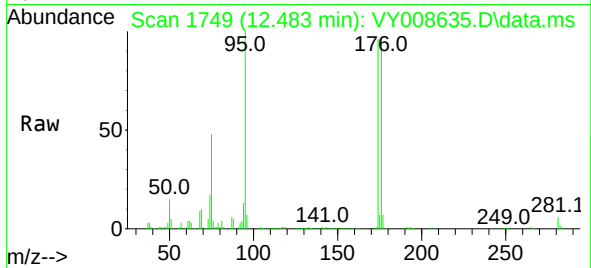




#76
1,2,3-Trichloropropane
Concen: 38.553 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008635.D
Acq: 05 May 2022 01:17

Instrument :
MSVOA_Y
ClientSampleId :
SS10-1-2-FT

Tgt Ion: 75 Resp: 48198
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.162 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008635.D
Acq: 05 May 2022 01:17

Tgt Ion: 75 Resp: 48198
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

