

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008634.D
 Acq On : 05 May 2022 00:53
 Operator : KP/MD
 Sample : N2619-20
 Misc : 5.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB09-13-14-FT

Quant Time: May 05 04:42:27 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)

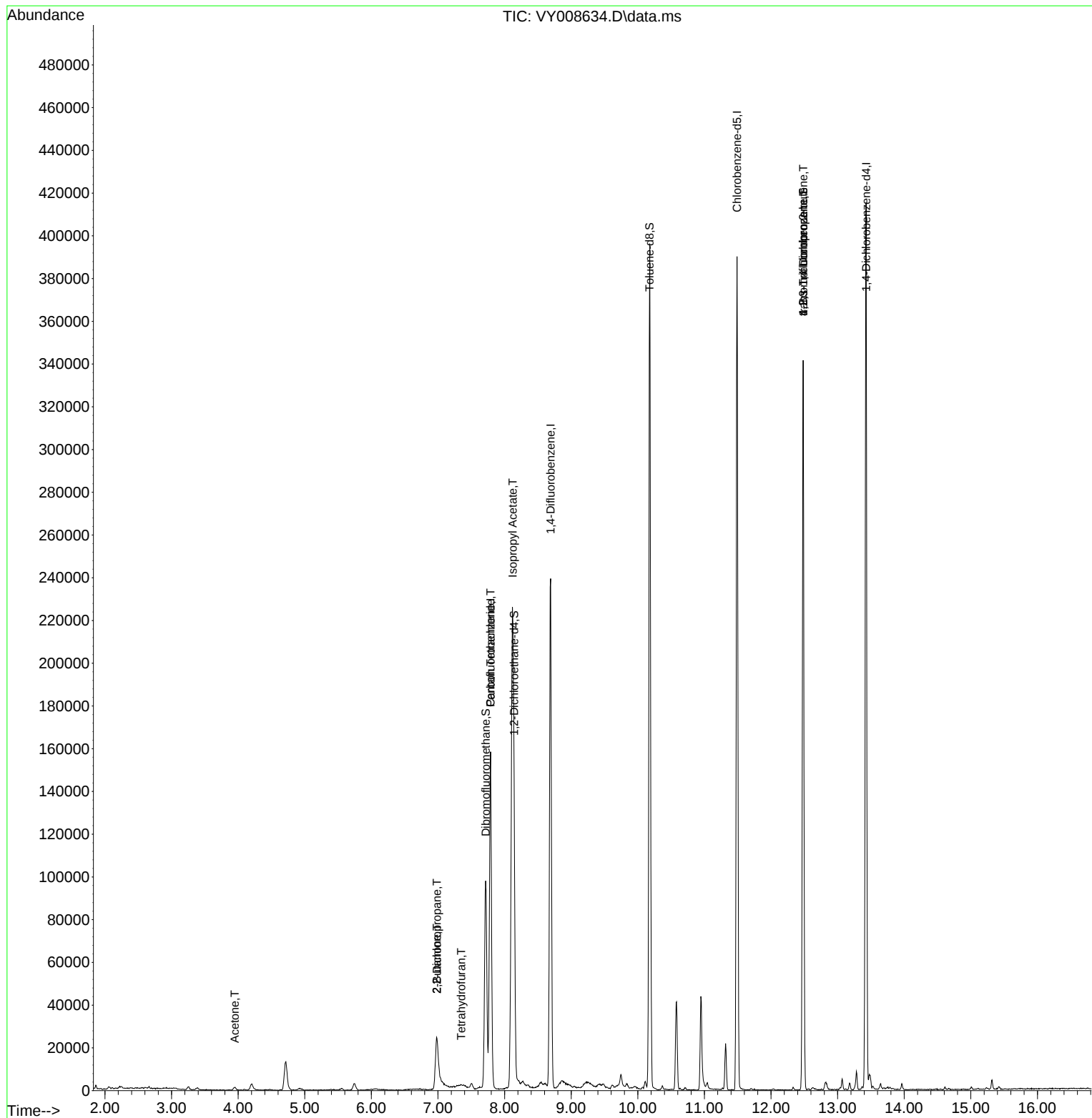
Internal Standards						
1) Pentafluorobenzene	7.789	168	126885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	222199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	232961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65375	53.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.020%	
35) Dibromofluoromethane	7.716	113	69719	47.419	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.840%	
50) Toluene-d8	10.179	98	268401	51.527	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.060%	
62) 4-Bromofluorobenzene	12.483	95	98673	51.683	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.360%	
Target Compounds						
						Qvalue
5) Bromomethane	2.662	94	396	Below Cal	#	62
11) Tert butyl alcohol	4.911	59	725	Below Cal	#	77
16) Acetone	3.948	43	2490	9.371	ug/l #	88
18) Methyl Acetate	4.472	43	538	Below Cal	#	56
25) 2-Butanone	6.984	43	1535	3.599	ug/l	99
26) 2,2-Dichloropropane	6.984	77	2354	1.060	ug/l #	55
29) Tetrahydrofuran	7.350	42	292	1.032	ug/l #	83
38) Carbon Tetrachloride	7.789	117	11519	4.416	ug/l #	16
43) Isopropyl Acetate	8.124	43	3543	1.661	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	47799	38.615	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47799	78.289	ug/l #	7

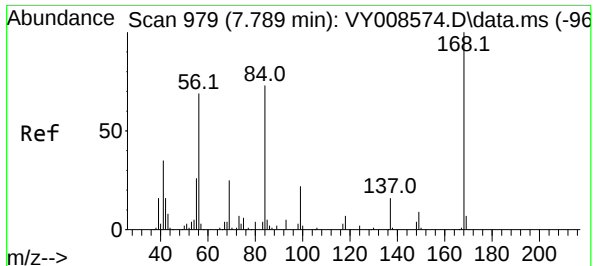
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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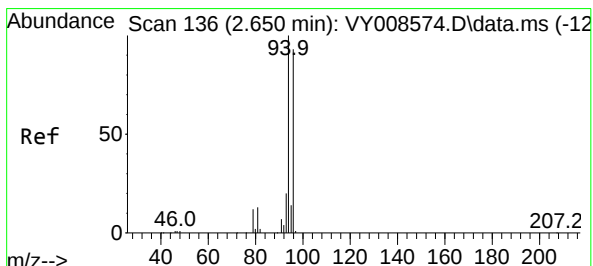
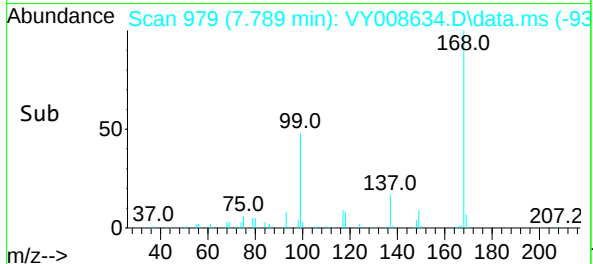
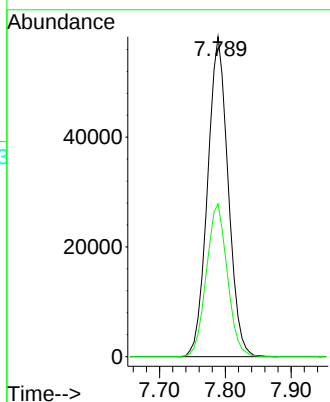
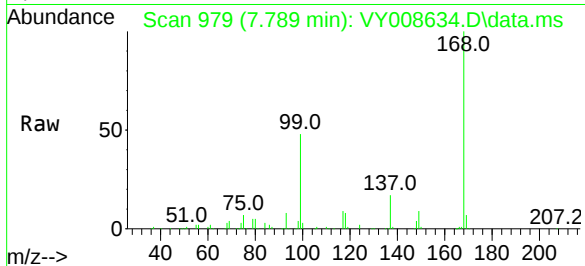




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008634.D
Acq: 05 May 2022 00:53

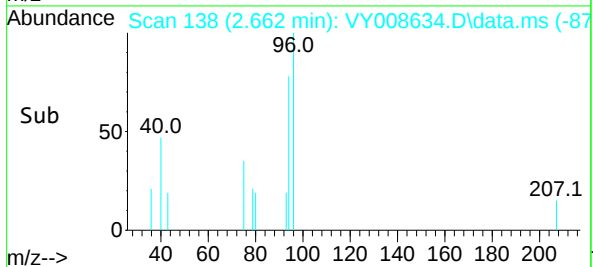
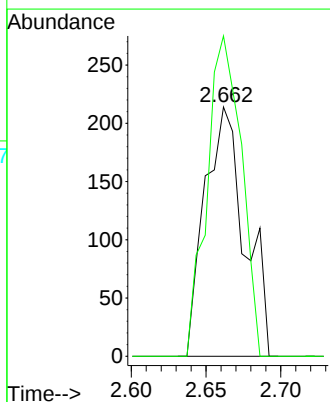
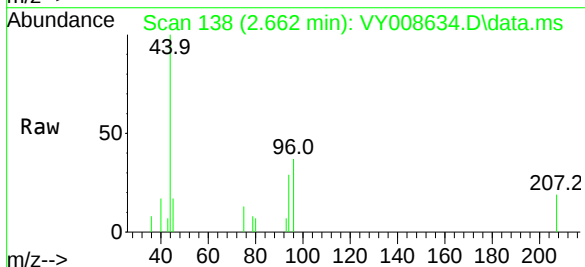
Instrument :
MSVOA_Y
ClientSampleId :
SB09-13-14-FT

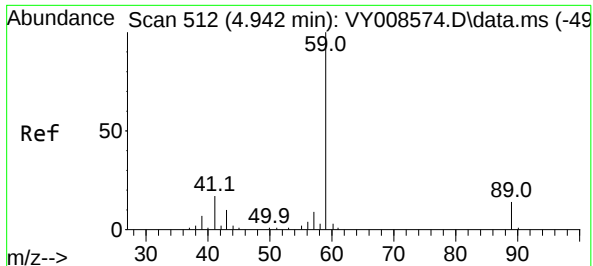
Tgt Ion:168 Resp: 126885
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY008634.D
Acq: 05 May 2022 00:53

Tgt Ion: 94 Resp: 396
Ion Ratio Lower Upper
94 100
96 128.5 73.5 110.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.911 min Scan# 50

Delta R.T. -0.031 min

Lab File: VY008634.D

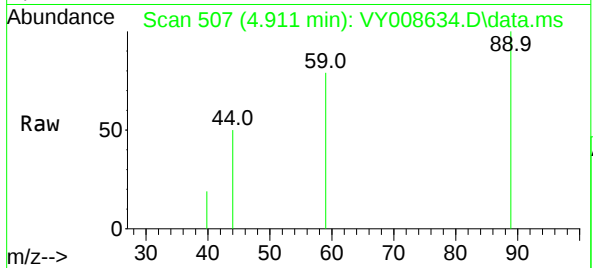
Acq: 05 May 2022 00:53

Instrument :

MSVOA_Y

ClientSampleId :

SB09-13-14-FT

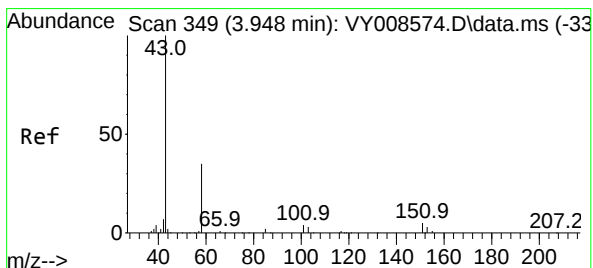
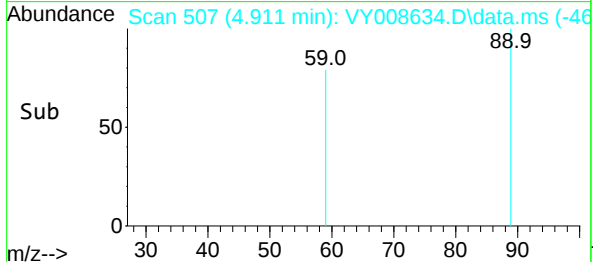
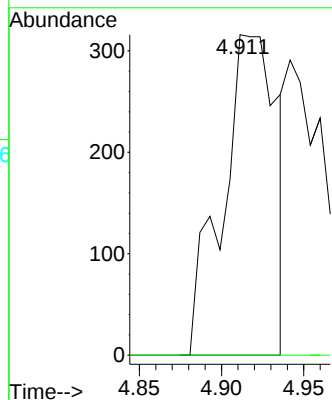


Tgt Ion: 59 Resp: 725

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 9.371 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY008634.D

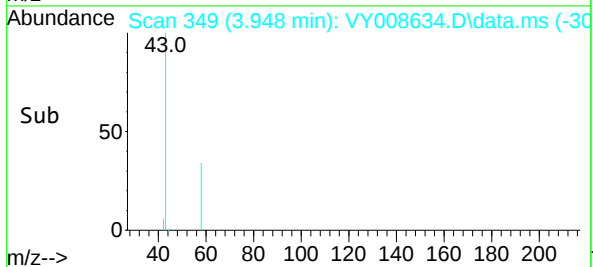
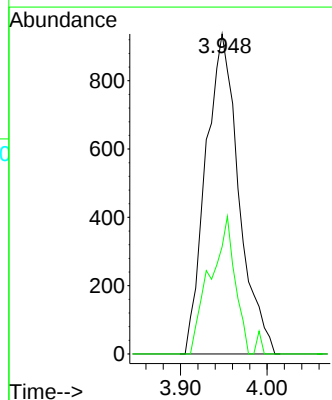
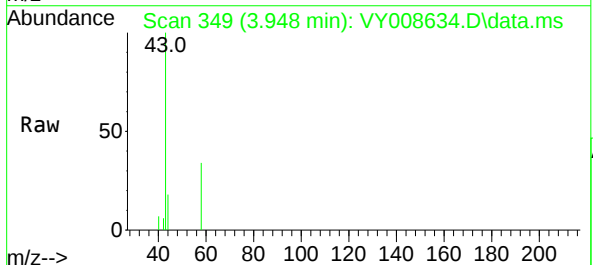
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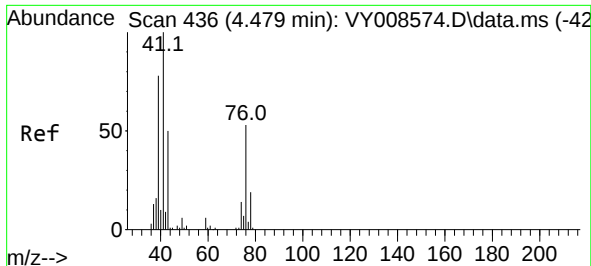
Tgt Ion: 43 Resp: 2490

Ion Ratio Lower Upper

43 100

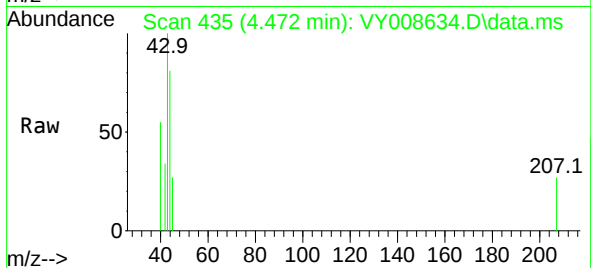
58 33.5 22.0 33.0#



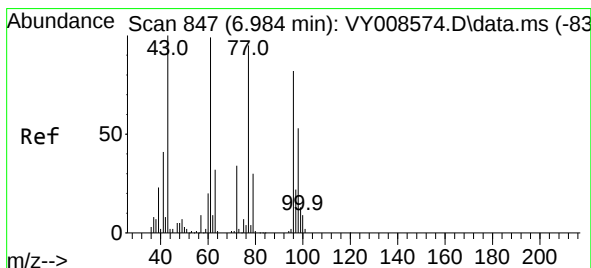
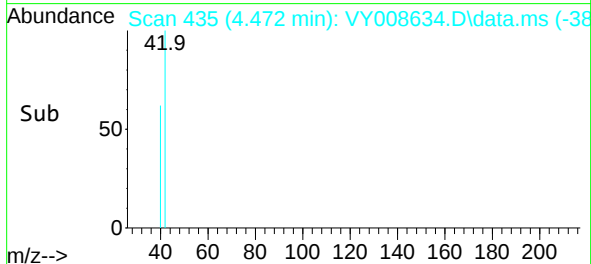
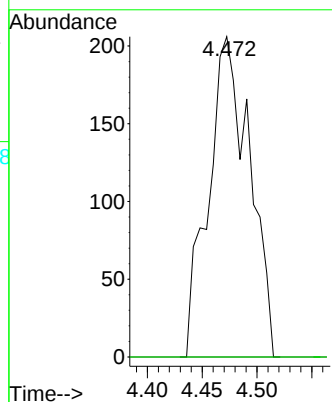


#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY008634.D
Acq: 05 May 2022 00:53

Instrument :
MSVOA_Y
ClientSampleId :
SB09-13-14-FT

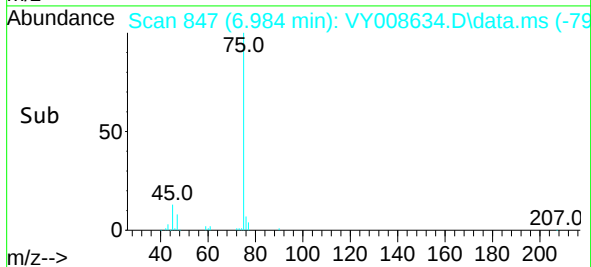
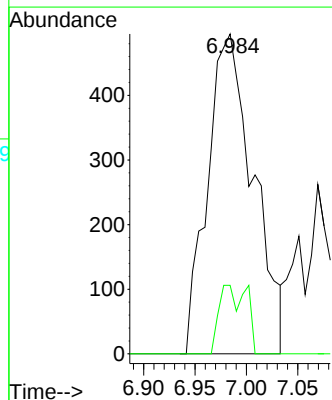
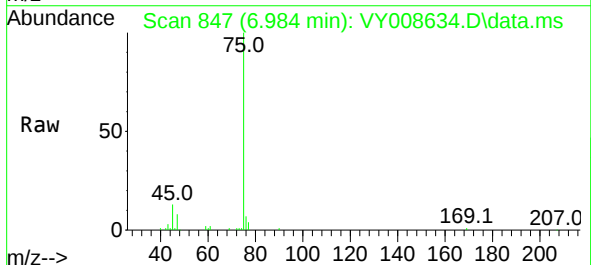


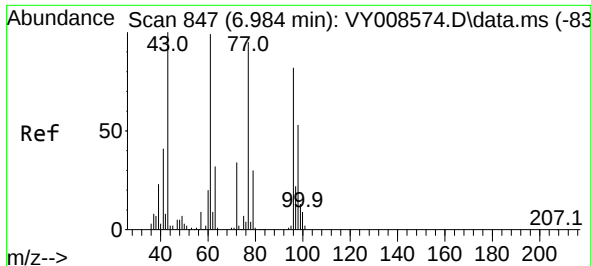
Tgt Ion: 43 Resp: 538
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 3.599 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY008634.D
Acq: 05 May 2022 00:53

Tgt Ion: 43 Resp: 1535
Ion Ratio Lower Upper
43 100
72 21.4 17.7 26.5

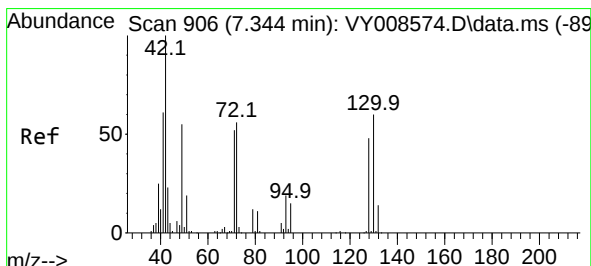
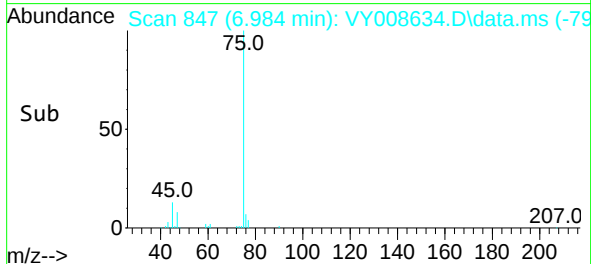
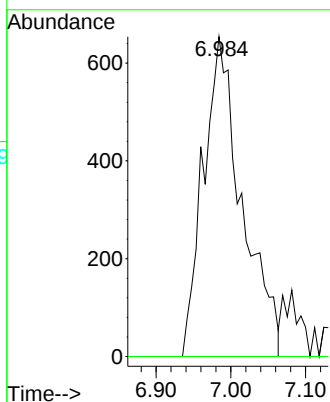
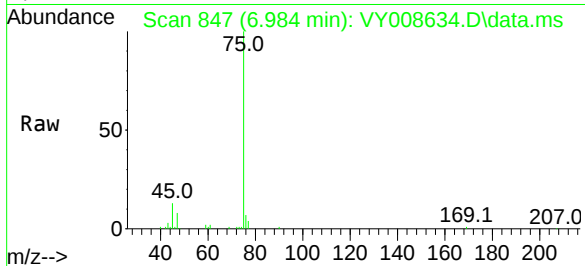




#26
2,2-Dichloropropane
Concen: 1.060 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY008634.D
Acq: 05 May 2022 00:53

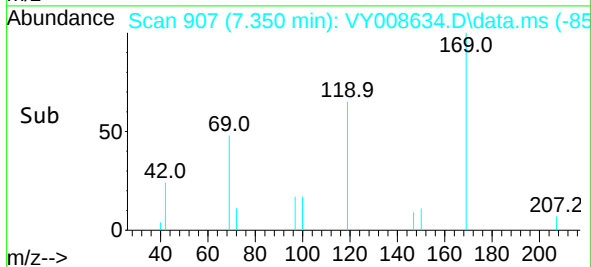
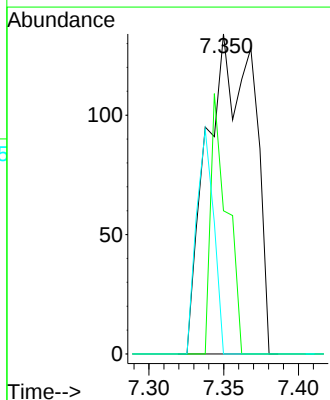
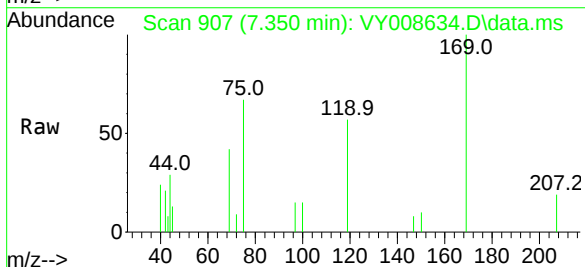
Instrument :
MSVOA_Y
ClientSampleId :
SB09-13-14-FT

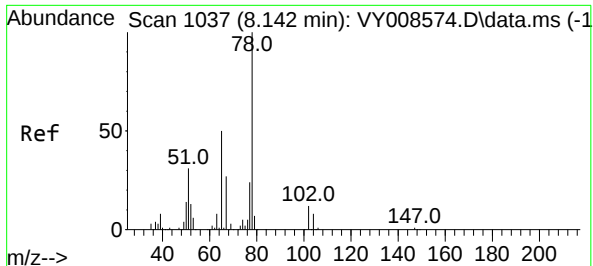
Tgt Ion: 77 Resp: 2354
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#29
Tetrahydrofuran
Concen: 1.032 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY008634.D
Acq: 05 May 2022 00:53

Tgt Ion: 42 Resp: 292
Ion Ratio Lower Upper
42 100
72 28.4 30.3 45.5#
71 25.7 29.0 43.4#





#33

1,2-Dichloroethane-d4

Concen: 53.011 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY008634.D

Acq: 05 May 2022 00:53

Instrument :

MSVOA_Y

ClientSampleId :

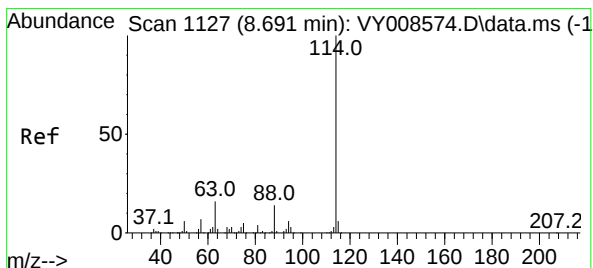
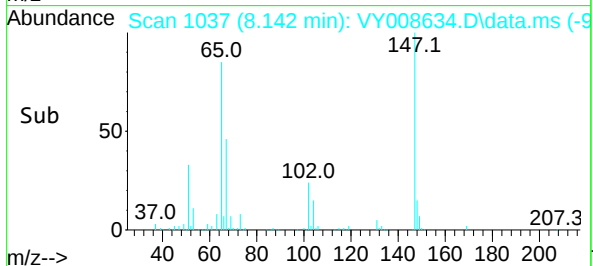
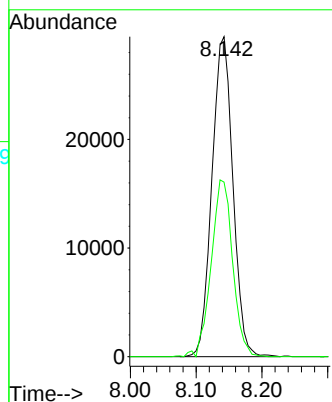
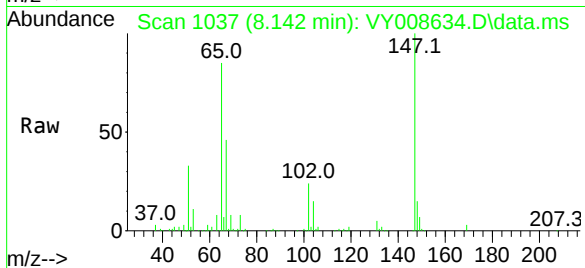
SB09-13-14-FT

Tgt Ion: 65 Resp: 65375

Ion Ratio Lower Upper

65 100

67 56.7 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: VY008634.D

Acq: 05 May 2022 00:53

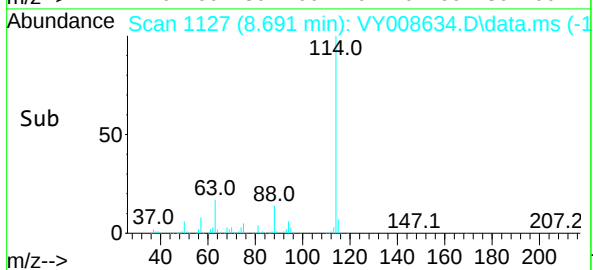
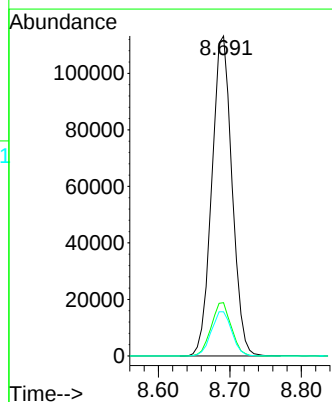
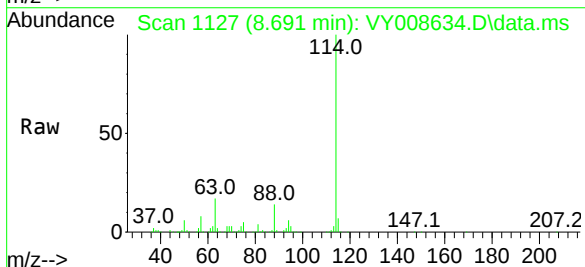
Tgt Ion: 114 Resp: 222199

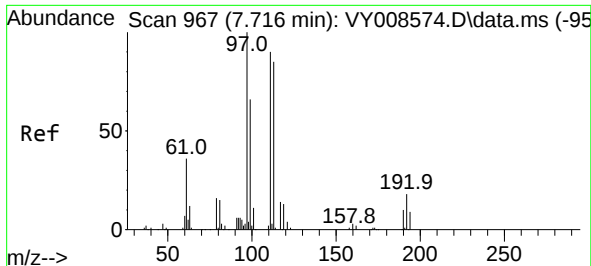
Ion Ratio Lower Upper

114 100

63 16.7 0.0 43.2

88 13.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.419 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY008634.D

Acq: 05 May 2022 00:53

Instrument :

MSVOA_Y

ClientSampleId :

SB09-13-14-FT

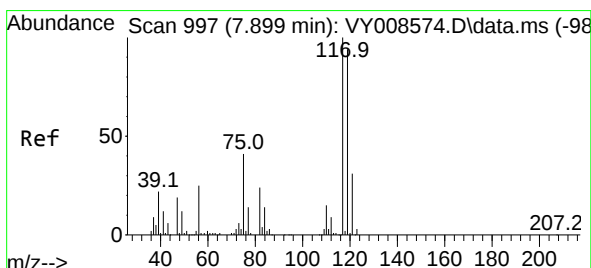
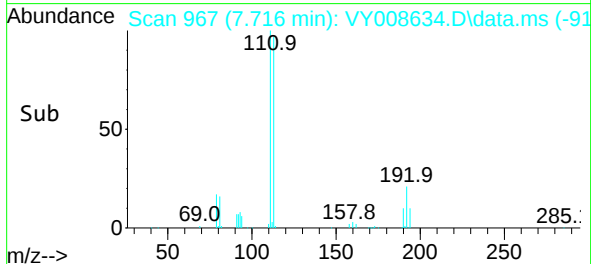
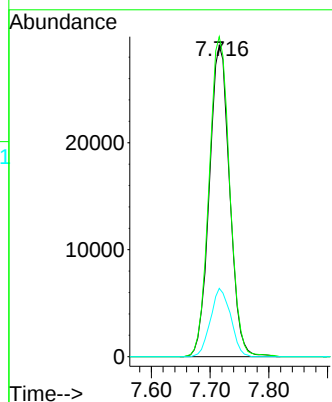
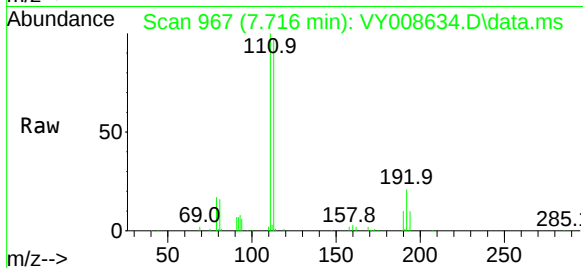
Tgt Ion:113 Resp: 69719

Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 21.9 17.6 26.4



#38

Carbon Tetrachloride

Concen: 4.416 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008634.D

Acq: 05 May 2022 00:53

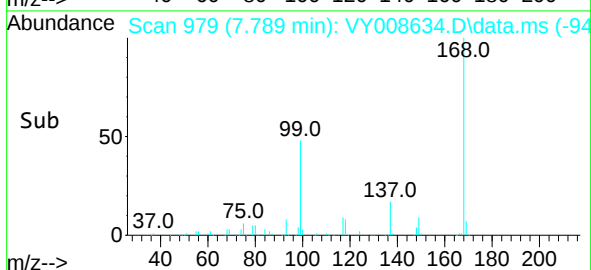
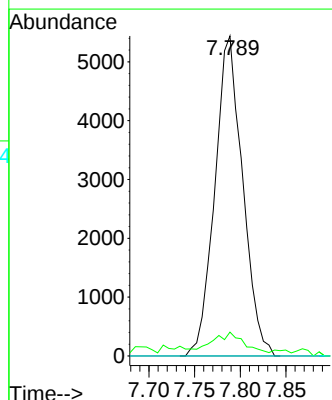
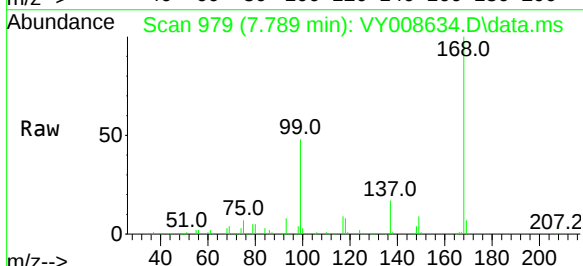
Tgt Ion:117 Resp: 11519

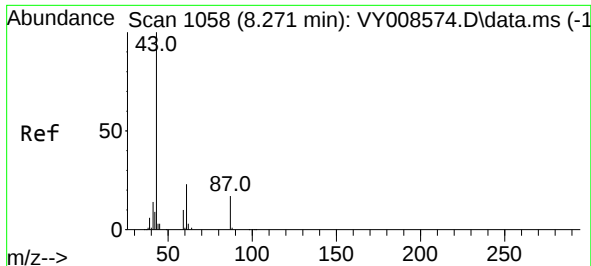
Ion Ratio Lower Upper

117 100

119 5.8 77.9 116.9#

121 0.0 24.8 37.2#

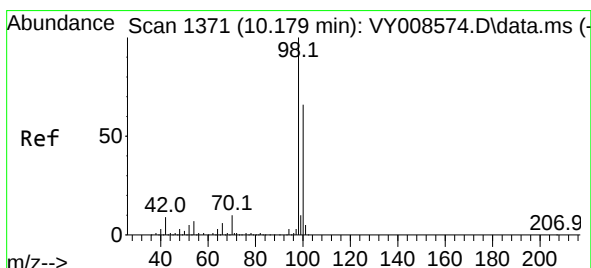
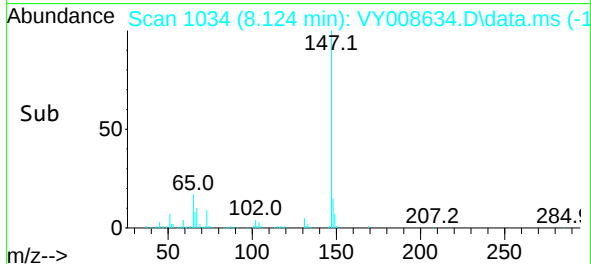
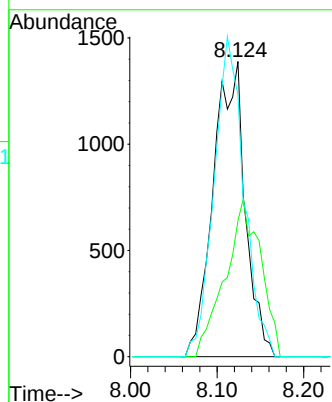
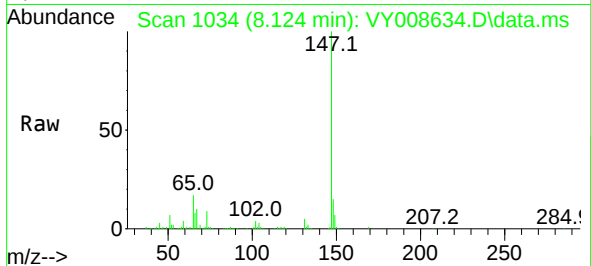




#43
Isopropyl Acetate
Concen: 1.661 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.146 min
Lab File: VY008634.D
Acq: 05 May 2022 00:53

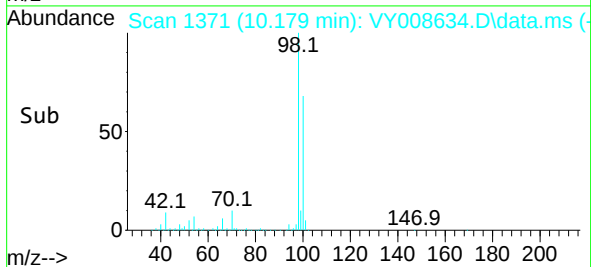
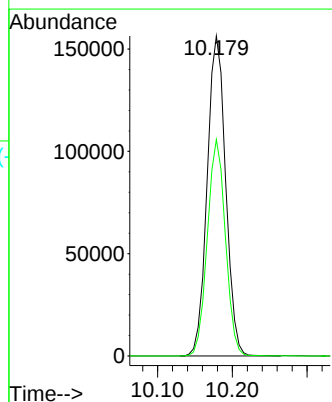
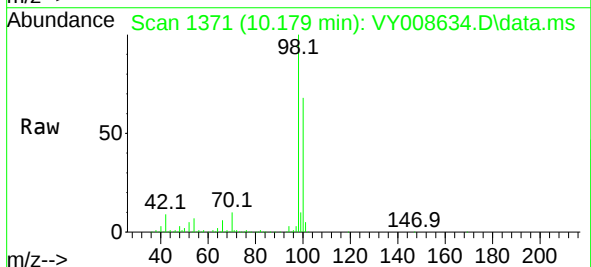
Instrument :
MSVOA_Y
ClientSampleId :
SB09-13-14-FT

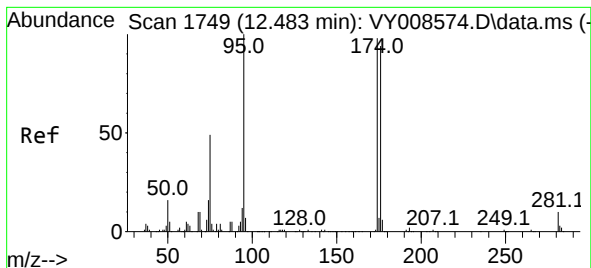
Tgt Ion: 43 Resp: 3543
Ion Ratio Lower Upper
43 100
61 59.2 20.2 30.2#
87 102.7 8.9 13.3#



#50
Toluene-d8
Concen: 51.527 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008634.D
Acq: 05 May 2022 00:53

Tgt Ion: 98 Resp: 268401
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2

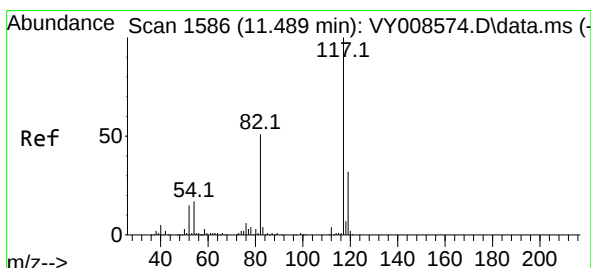
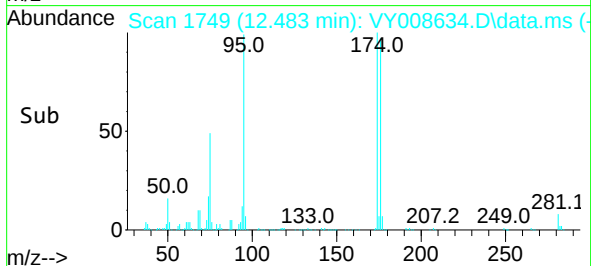
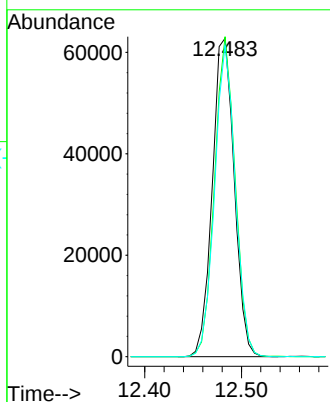
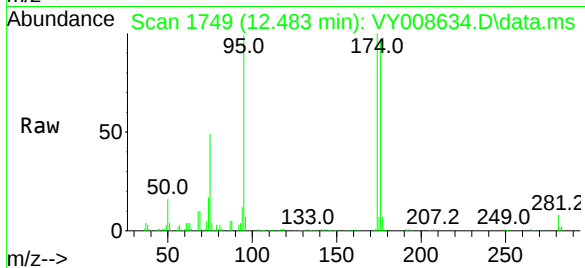




#62
4-Bromofluorobenzene
Concen: 51.683 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008634.D
Acq: 05 May 2022 00:53

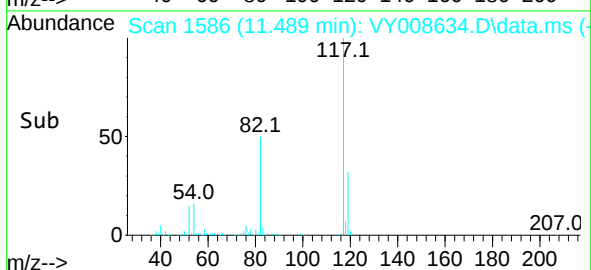
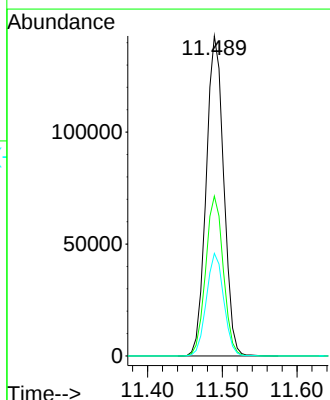
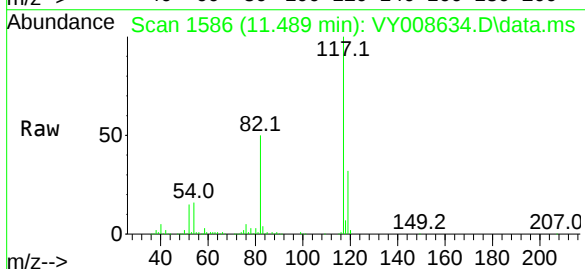
Instrument :
MSVOA_Y
ClientSampleId :
SB09-13-14-FT

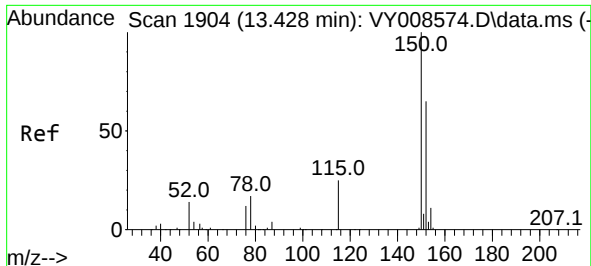
Tgt Ion: 95 Resp: 98673
Ion Ratio Lower Upper
95 100
174 94.8 0.0 177.0
176 92.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008634.D
Acq: 05 May 2022 00:53

Tgt Ion: 117 Resp: 232961
Ion Ratio Lower Upper
117 100
82 49.9 43.0 64.4
119 32.1 25.4 38.0

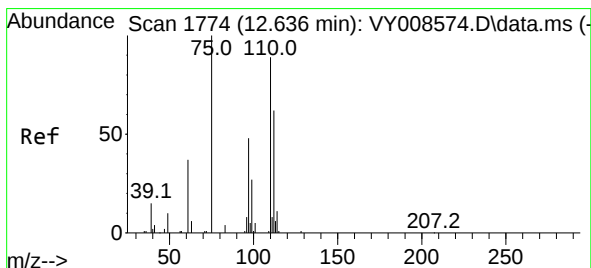
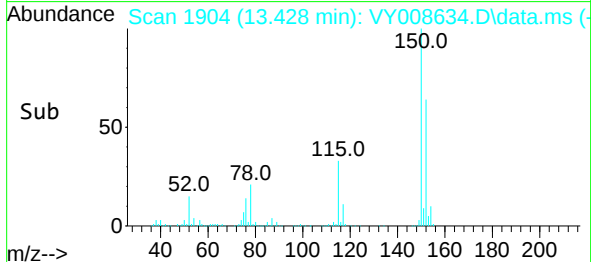
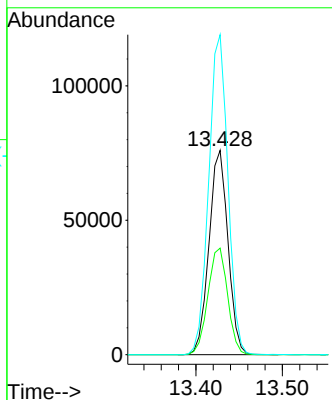
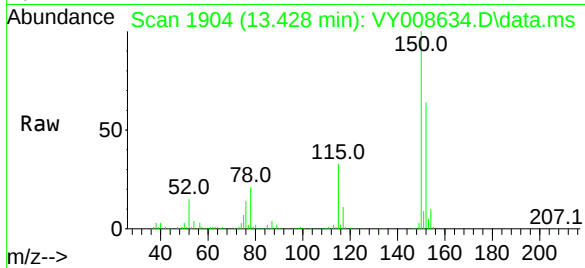




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY008634.D
 Acq: 05 May 2022 00:53

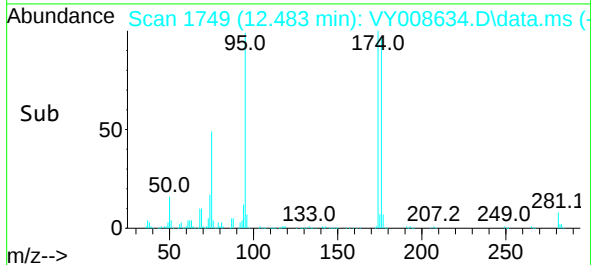
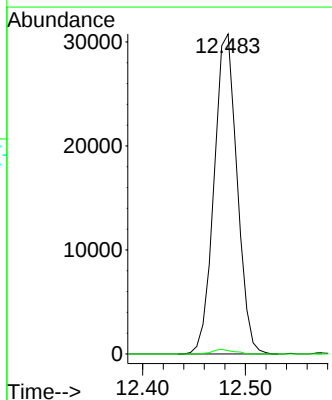
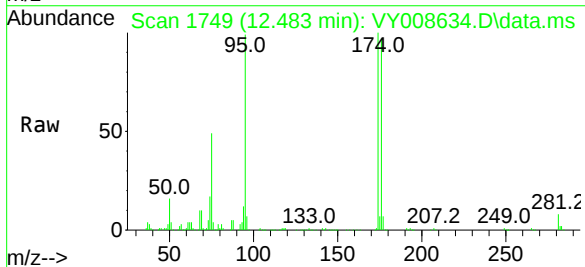
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB09-13-14-FT

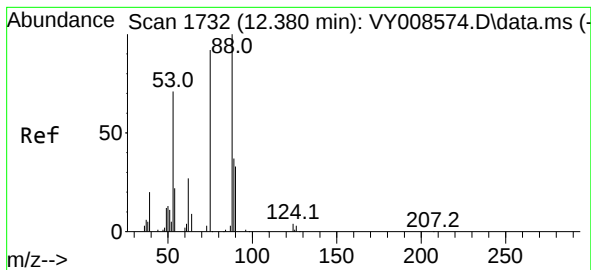
Tgt Ion:152 Resp: 115958
 Ion Ratio Lower Upper
 152 100
 115 54.2 28.2 84.7
 150 157.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 38.615 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY008634.D
 Acq: 05 May 2022 00:53

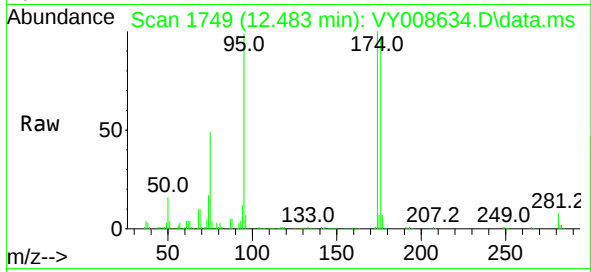
Tgt Ion: 75 Resp: 47799
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.289 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008634.D
 Acq: 05 May 2022 00:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB09-13-14-FT



Tgt Ion: 75 Resp: 47799
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

