

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008636.D
 Acq On : 05 May 2022 01:40
 Operator : KP/MD
 Sample : N2619-22
 Misc : 5.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB10-13-14-FT

Quant Time: May 05 04:42:55 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)

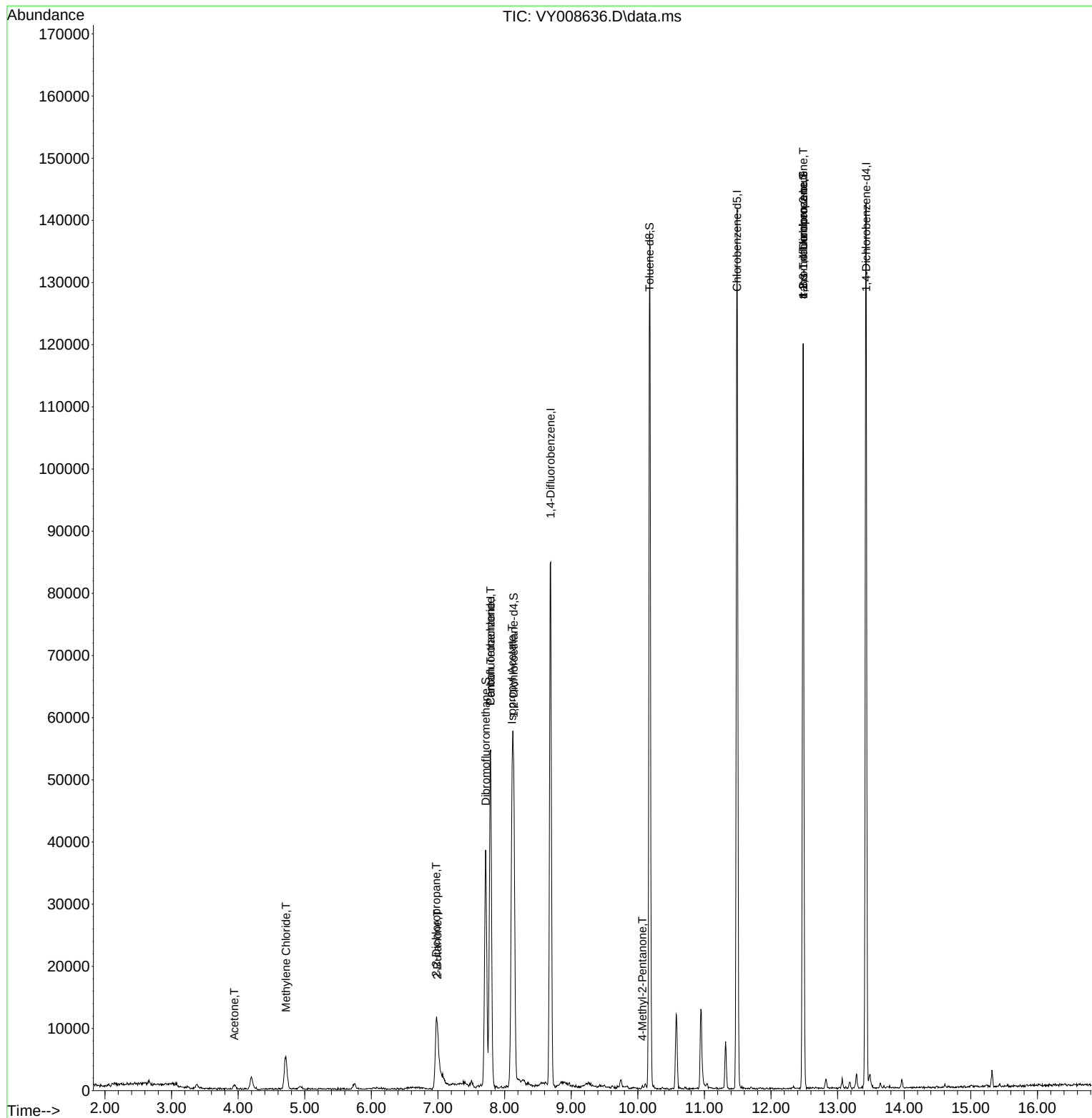
Internal Standards						
1) Pentafluorobenzene	7.789	168	46545	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	78821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	84235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	40369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	24842	54.914	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 109.820%		
35) Dibromofluoromethane	7.716	113	26487	50.784	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 101.560%		
50) Toluene-d8	10.179	98	95936	51.920	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 103.840%		
62) 4-Bromofluorobenzene	12.483	95	34052	50.279	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 100.560%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	345	Below Cal	#	72
11) Tert butyl alcohol	4.936	59	592	Below Cal	#	77
16) Acetone	3.942	43	1236	12.681	ug/l #	72
18) Methyl Acetate	4.491	43	98	Below Cal	#	56
20) Methylene Chloride	4.716	84	4584	2.127	ug/l #	76
25) 2-Butanone	6.990	43	756	4.832	ug/l #	54
26) 2,2-Dichloropropane	6.972	77	1111	1.363	ug/l #	55
38) Carbon Tetrachloride	7.789	117	4061	4.389	ug/l #	18
43) Isopropyl Acetate	8.112	43	833	1.101	ug/l #	1
51) 4-Methyl-2-Pentanone	10.069	43	442	1.113	ug/l #	84
76) 1,2,3-Trichloropropane	12.483	75	16765	38.904	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	16765	78.875	ug/l #	7

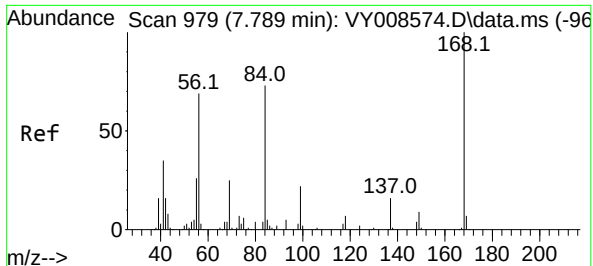
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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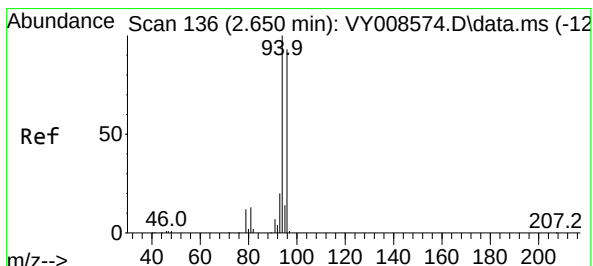
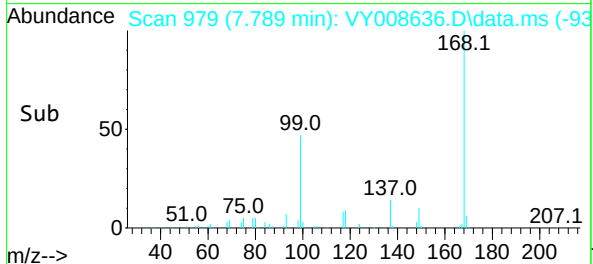
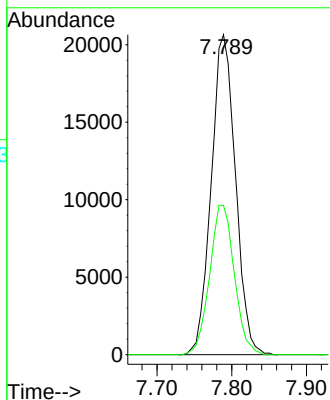
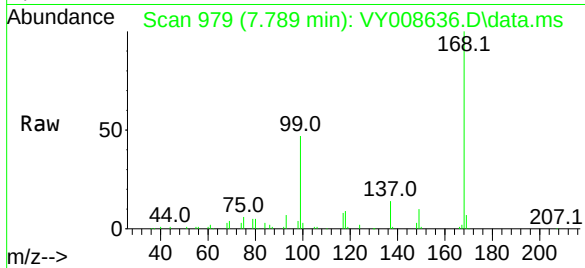




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008636.D
Acq: 05 May 2022 01:40

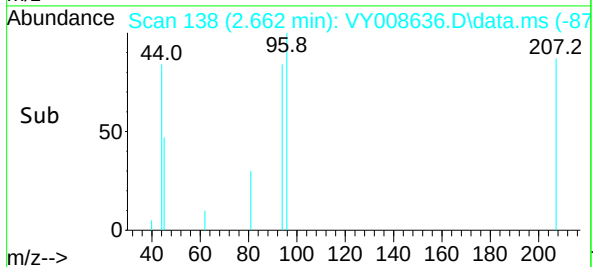
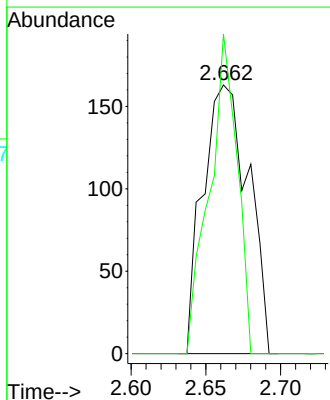
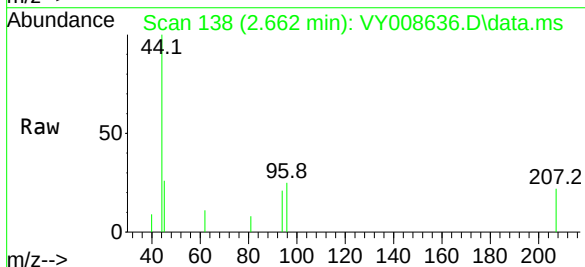
Instrument :
MSVOA_Y
ClientSampleId :
SB10-13-14-FT

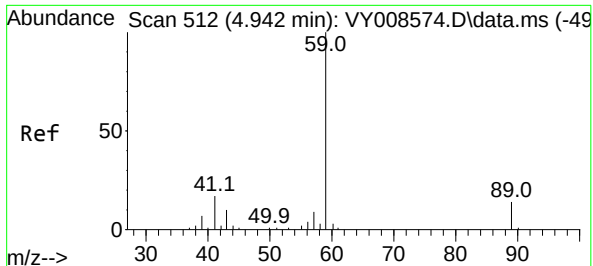
Tgt Ion:168 Resp: 46545
Ion Ratio Lower Upper
168 100
99 46.6 46.9 70.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY008636.D
Acq: 05 May 2022 01:40

Tgt Ion: 94 Resp: 345
Ion Ratio Lower Upper
94 100
96 119.0 73.5 110.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY008636.D

Acq: 05 May 2022 01:40

Instrument :

MSVOA_Y

ClientSampleId :

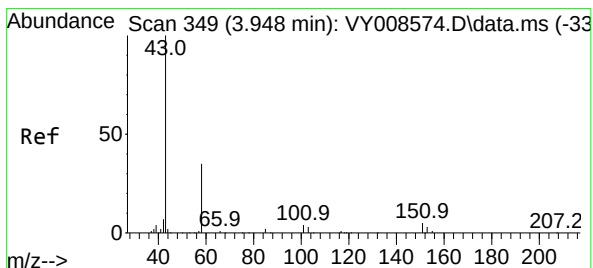
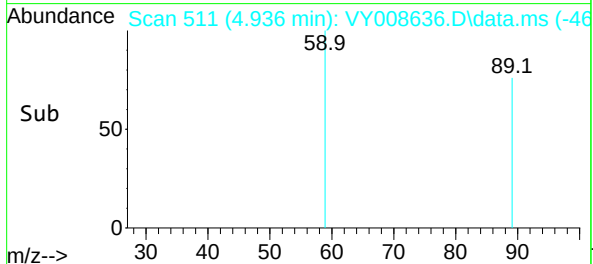
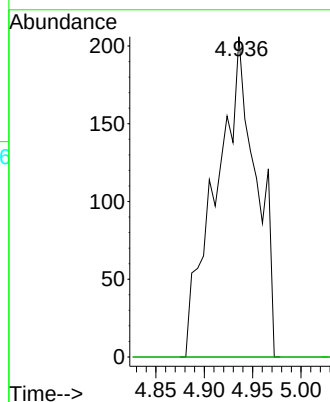
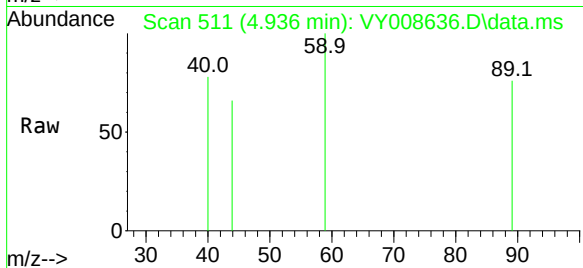
SB10-13-14-FT

Tgt Ion: 59 Resp: 592

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 12.681 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY008636.D

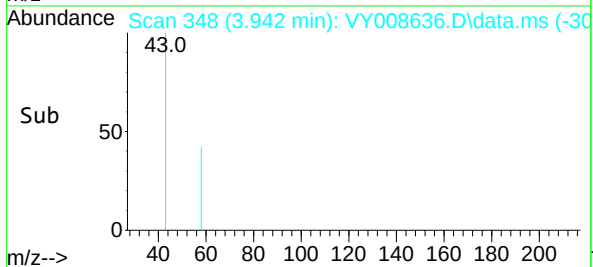
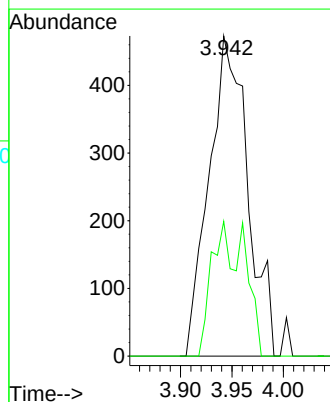
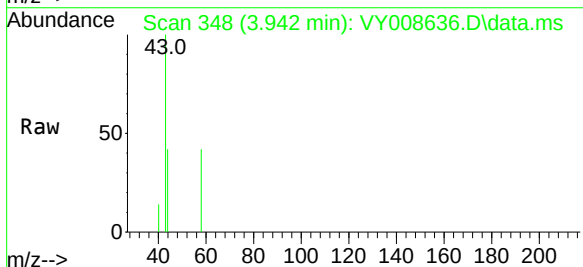
Acq: 05 May 2022 01:40

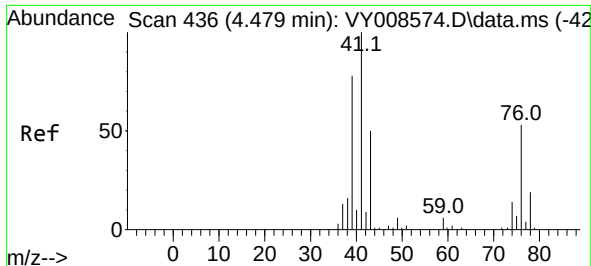
Tgt Ion: 43 Resp: 1236

Ion Ratio Lower Upper

43 100

58 42.1 22.0 33.0#

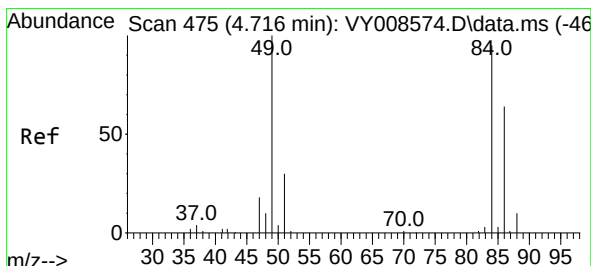
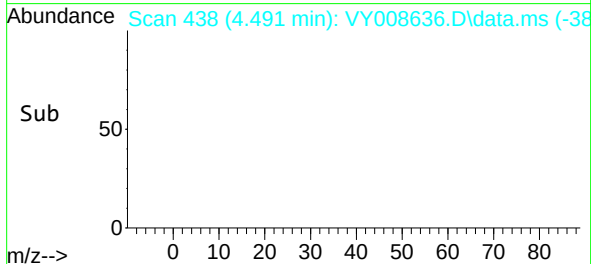
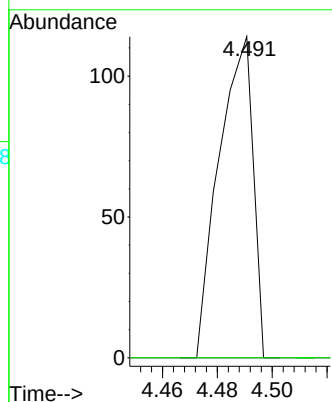
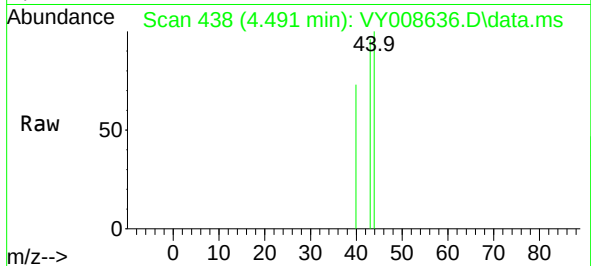




#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY008636.D
Acq: 05 May 2022 01:40

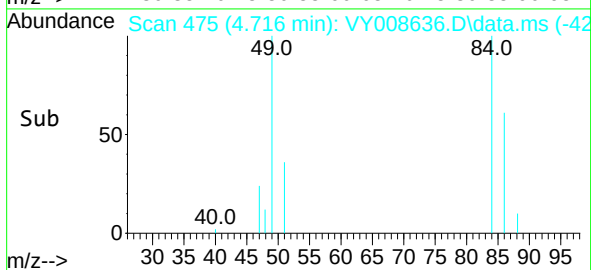
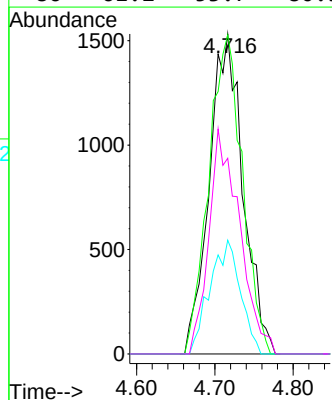
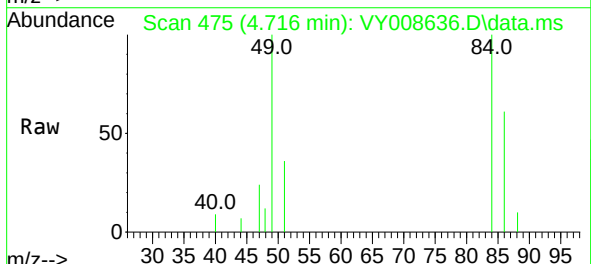
Instrument :
MSVOA_Y
ClientSampleId :
SB10-13-14-FT

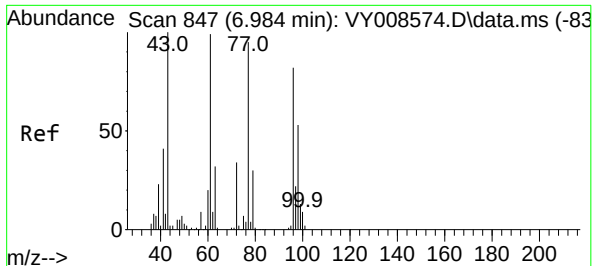
Tgt Ion: 43 Resp: 98
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 2.127 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY008636.D
Acq: 05 May 2022 01:40

Tgt Ion: 84 Resp: 4584
Ion Ratio Lower Upper
84 100
49 99.7 114.4 171.6#
51 35.6 35.3 52.9
86 61.2 53.7 80.5





#25

2-Butanone

Concen: 4.832 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY008636.D

Acq: 05 May 2022 01:40

Instrument :

MSVOA_Y

ClientSampleId :

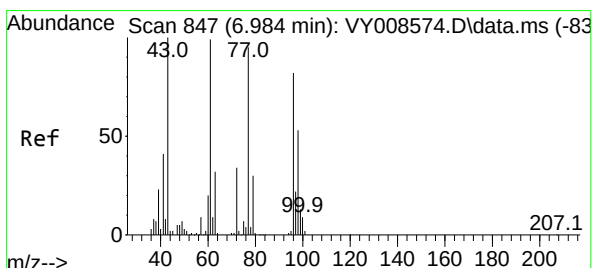
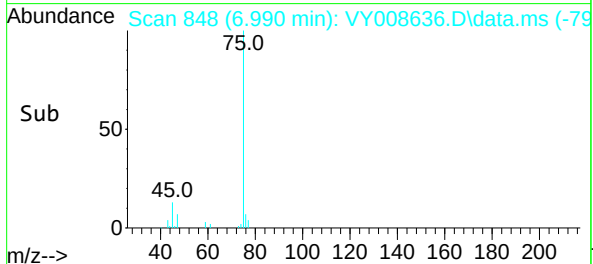
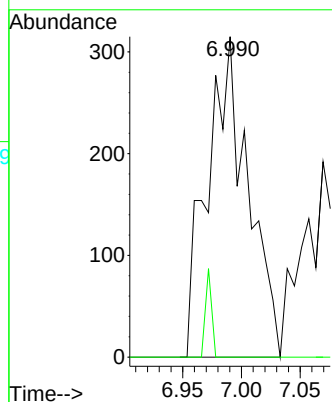
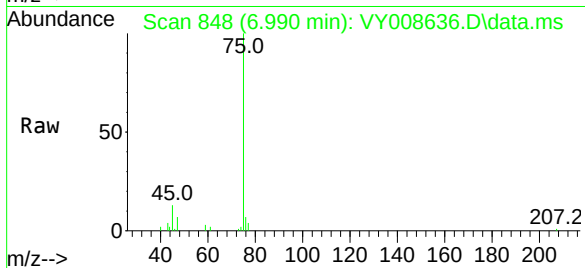
SB10-13-14-FT

Tgt Ion: 43 Resp: 756

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 1.363 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY008636.D

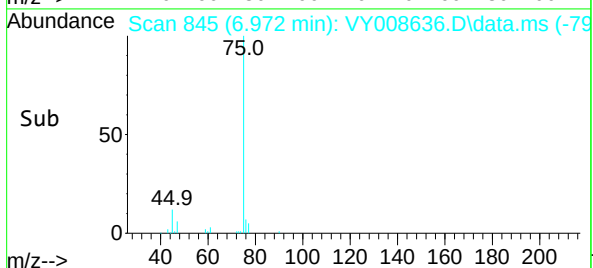
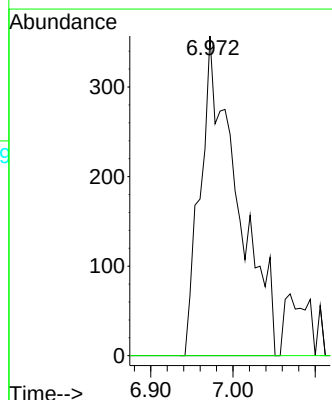
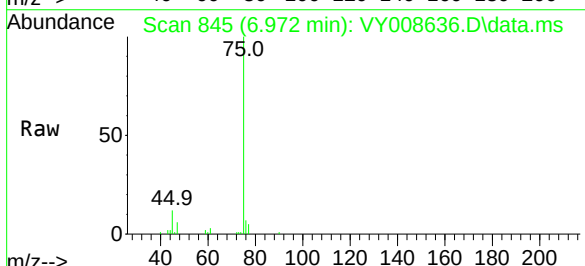
Acq: 05 May 2022 01:40

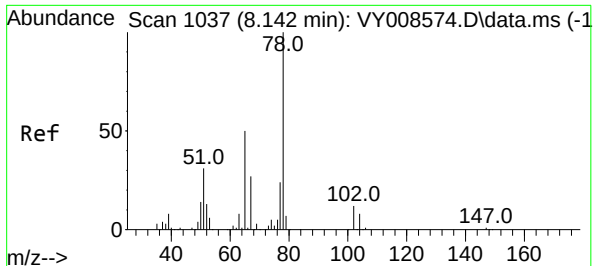
Tgt Ion: 77 Resp: 1111

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#





#33

1,2-Dichloroethane-d4

Concen: 54.914 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY008636.D

Acq: 05 May 2022 01:40

Instrument :

MSVOA_Y

ClientSampleId :

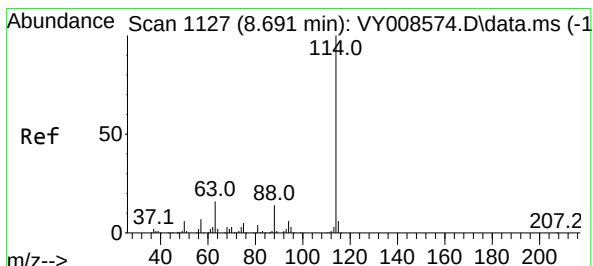
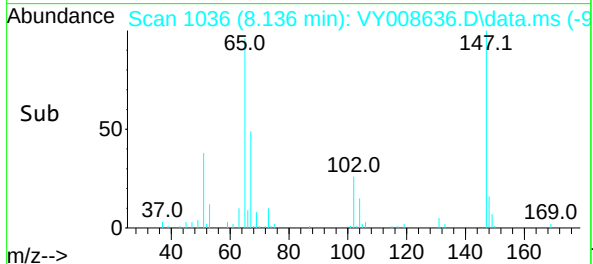
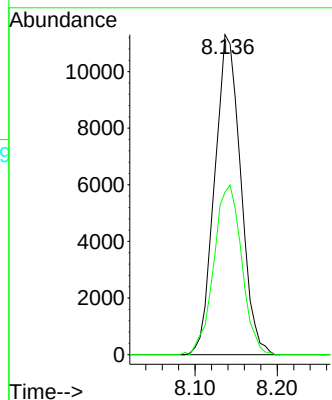
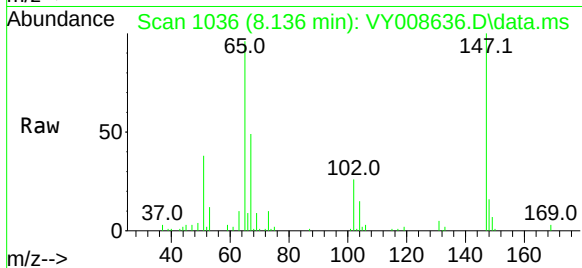
SB10-13-14-FT

Tgt Ion: 65 Resp: 24842

Ion Ratio Lower Upper

65 100

67 56.8 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: VY008636.D

Acq: 05 May 2022 01:40

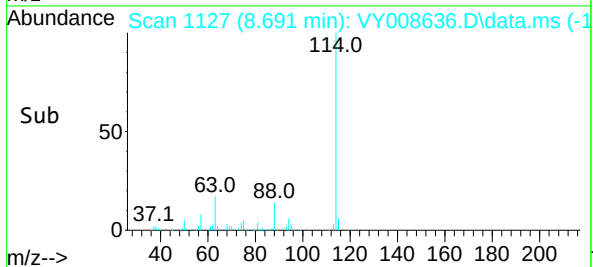
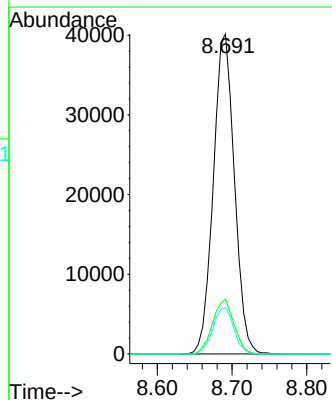
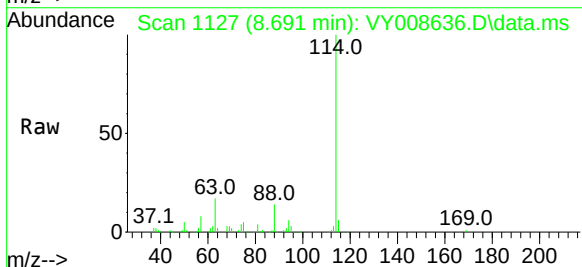
Tgt Ion: 114 Resp: 78821

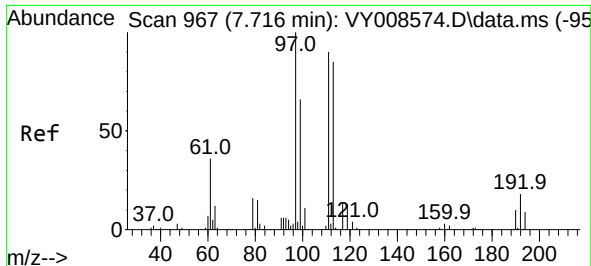
Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 14.5 0.0 31.8

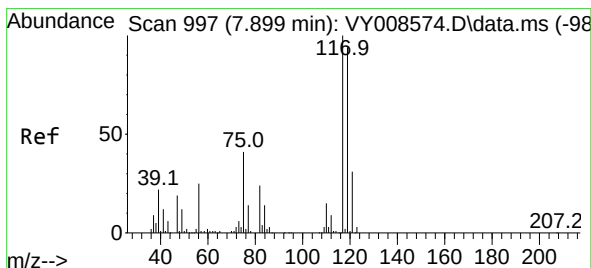
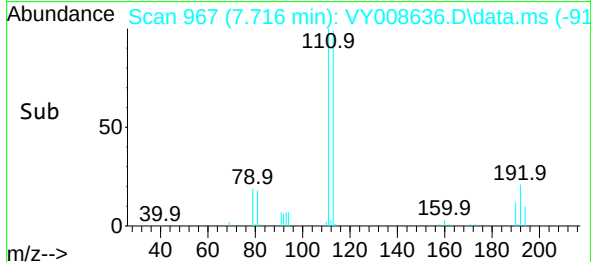
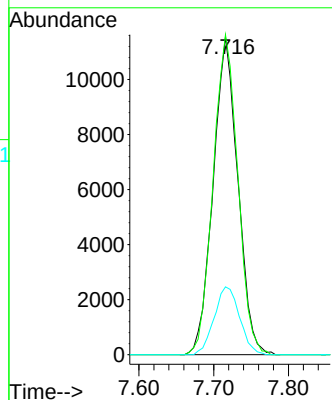
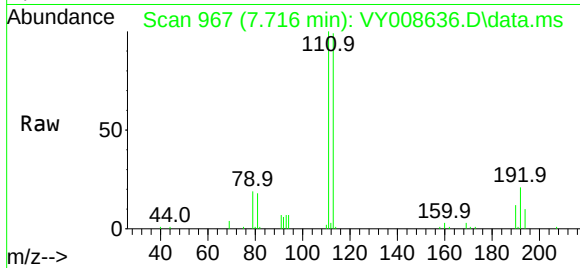




#35
Dibromofluoromethane
Concen: 50.784 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY008636.D
Acq: 05 May 2022 01:40

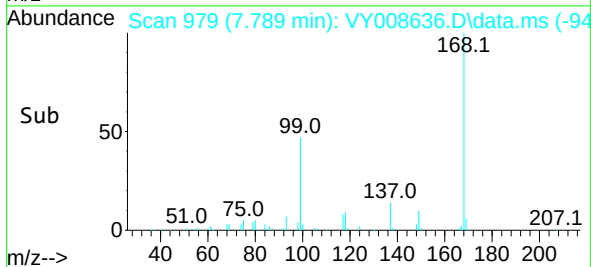
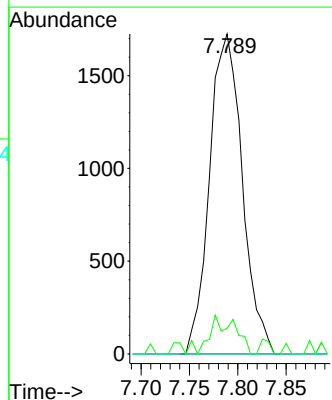
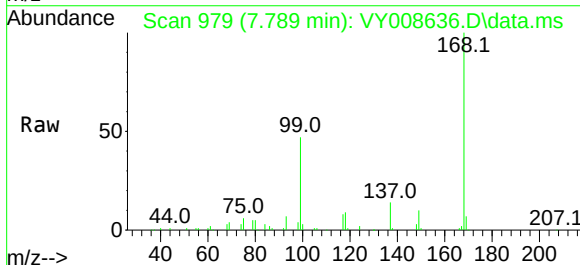
Instrument :
MSVOA_Y
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SB10-13-14-FT

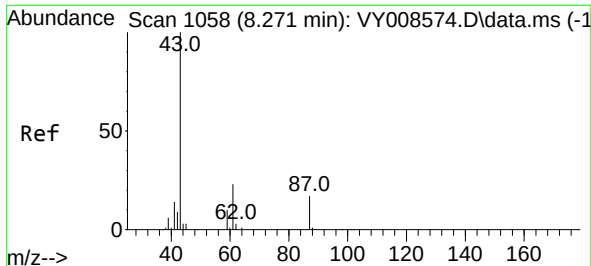
Tgt Ion:113 Resp: 26487
Ion Ratio Lower Upper
113 100
111 100.8 82.6 124.0
192 22.0 17.6 26.4



#38
Carbon Tetrachloride
Concen: 4.389 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008636.D
Acq: 05 May 2022 01:40

Tgt Ion:117 Resp: 4061
Ion Ratio Lower Upper
117 100
119 8.1 77.9 116.9#
121 0.0 24.8 37.2#

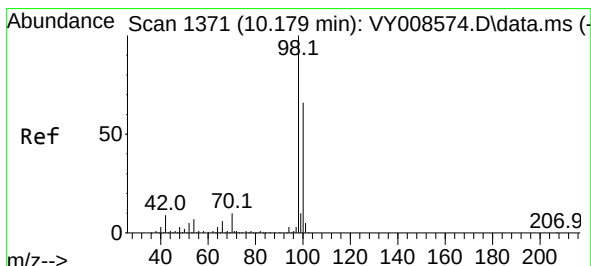
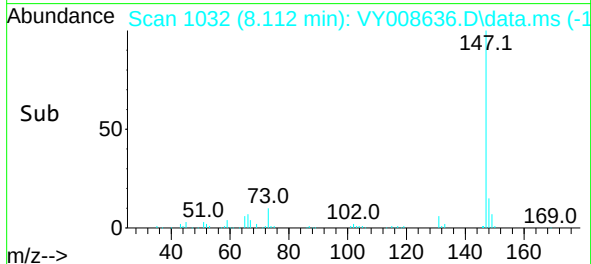
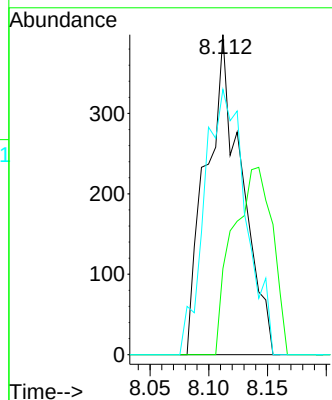
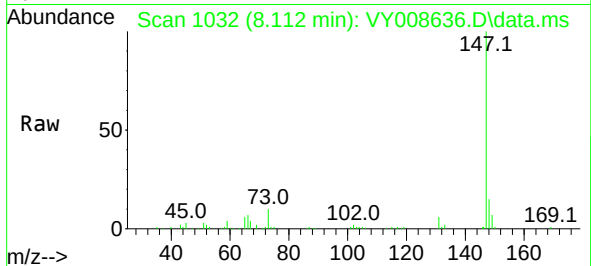




#43
Isopropyl Acetate
Concen: 1.101 ug/l
RT: 8.112 min Scan# 1032
Delta R.T. -0.158 min
Lab File: VY008636.D
Acq: 05 May 2022 01:40

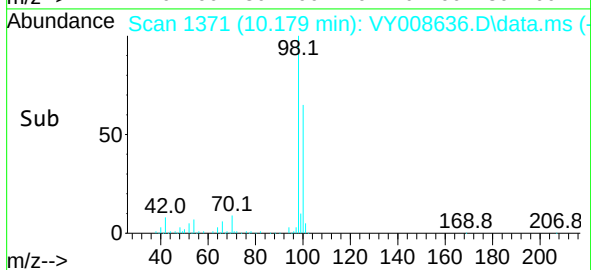
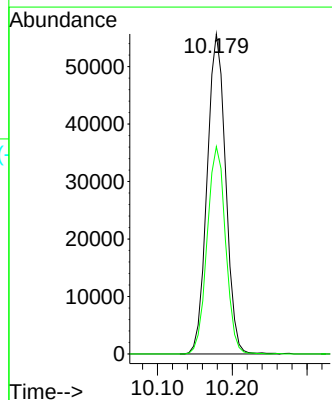
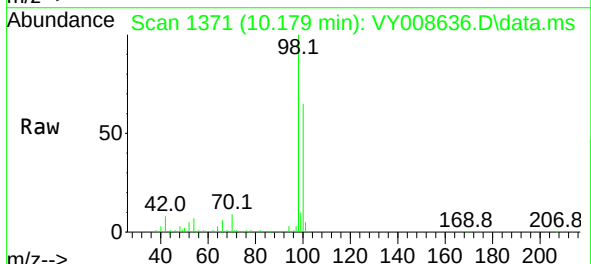
Instrument :
MSVOA_Y
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SB10-13-14-FT

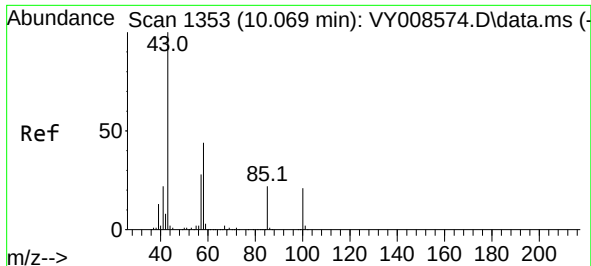
Tgt Ion: 43 Resp: 833
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 97.1 8.9 13.3#



#50
Toluene-d8
Concen: 51.920 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008636.D
Acq: 05 May 2022 01:40

Tgt Ion: 98 Resp: 95936
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

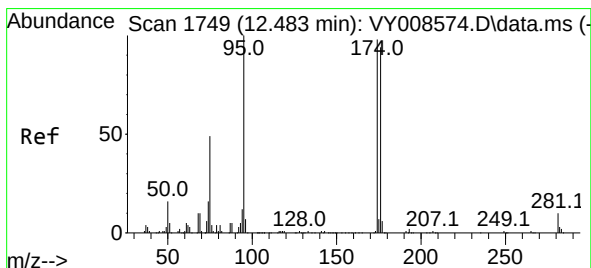
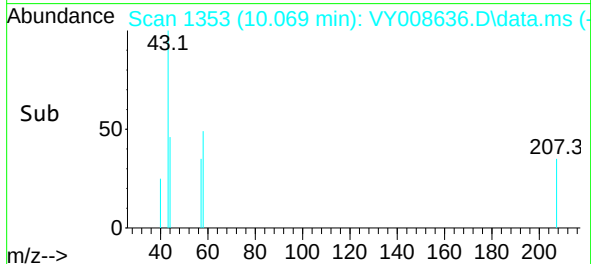
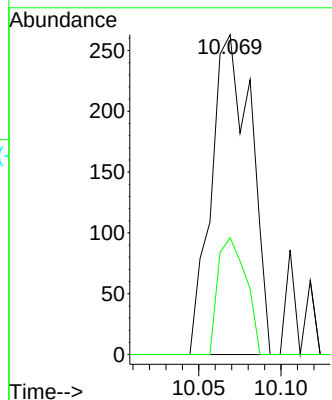
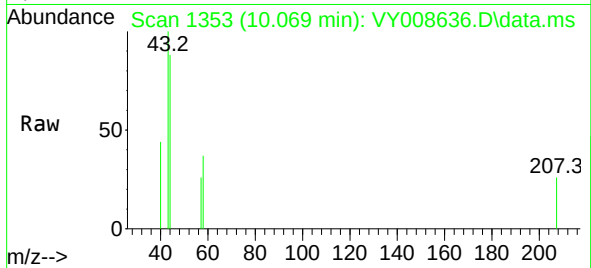




#51
4-Methyl-2-Pentanone
Concen: 1.113 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008636.D
Acq: 05 May 2022 01:40

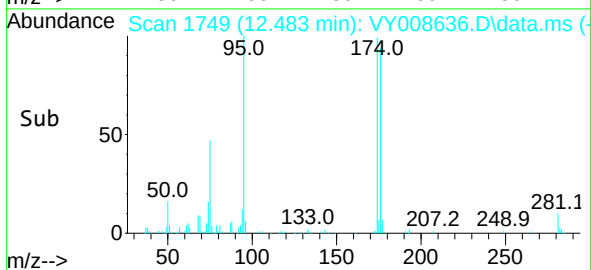
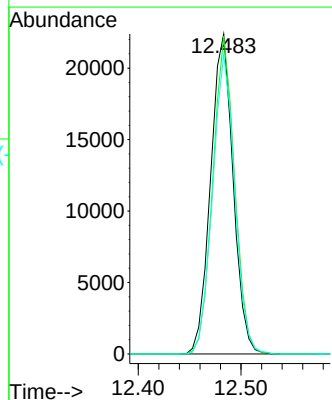
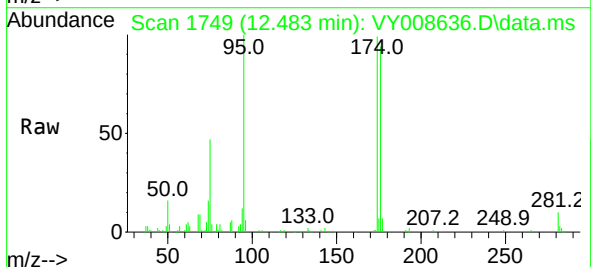
Instrument :
MSVOA_Y
ClientSampleId :
SB10-13-14-FT

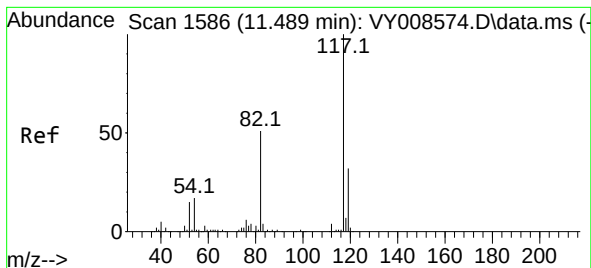
Tgt Ion: 43 Resp: 442
Ion Ratio Lower Upper
43 100
58 25.8 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 50.279 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008636.D
Acq: 05 May 2022 01:40

Tgt Ion: 95 Resp: 34052
Ion Ratio Lower Upper
95 100
174 96.6 0.0 177.0
176 92.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008636.D

Acq: 05 May 2022 01:40

Instrument :

MSVOA_Y

ClientSampleId :

SB10-13-14-FT

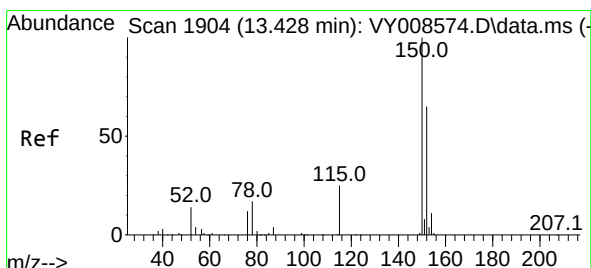
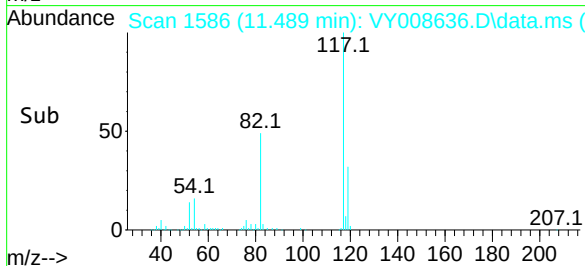
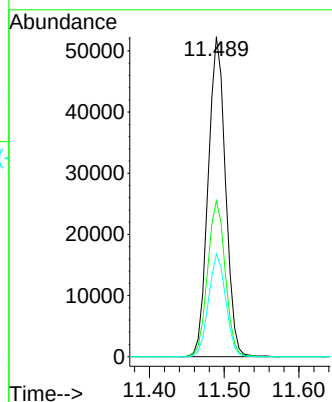
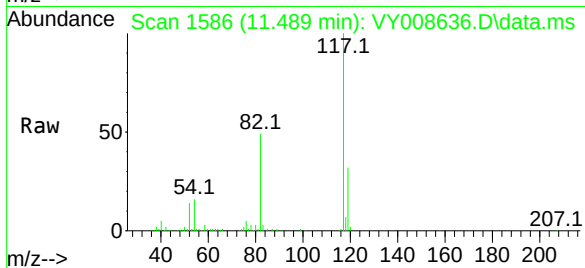
Tgt Ion:117 Resp: 84235

Ion Ratio Lower Upper

117 100

82 48.7 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# 1904

Delta R.T. 0.000 min

Lab File: VY008636.D

Acq: 05 May 2022 01:40

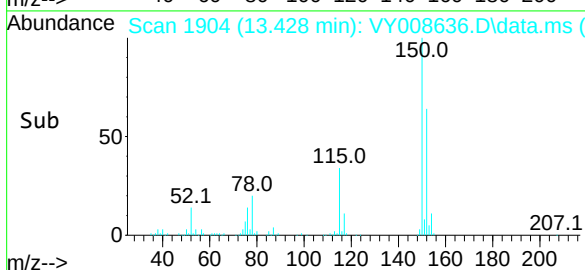
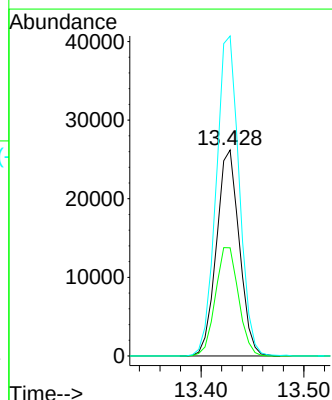
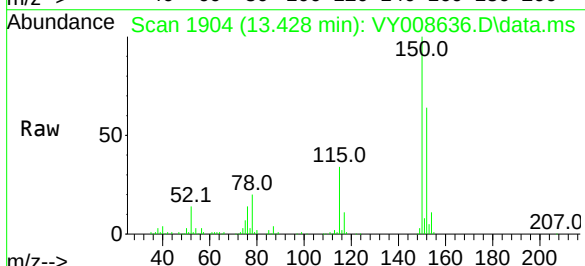
Tgt Ion:152 Resp: 40369

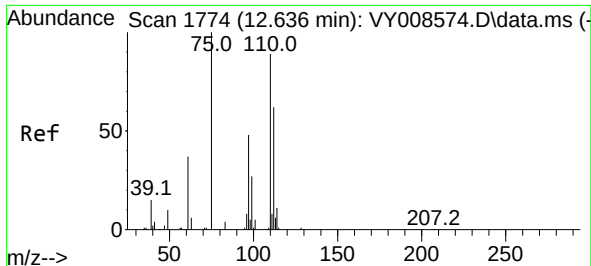
Ion Ratio Lower Upper

152 100

115 53.2 28.2 84.7

150 156.3 0.0 347.6

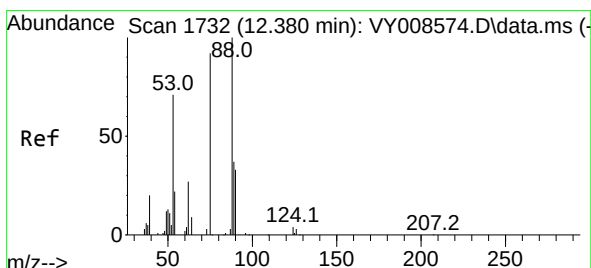
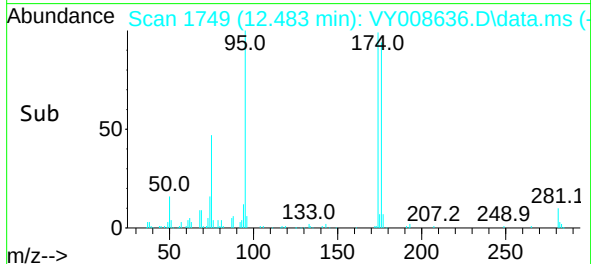
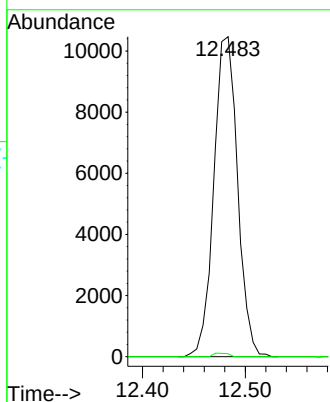
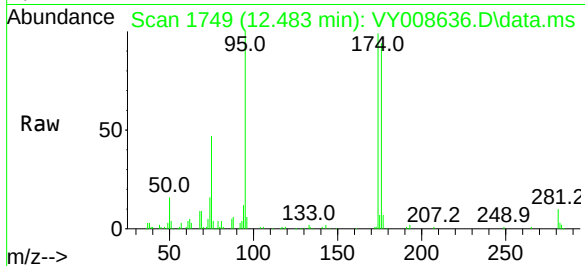




#76
1,2,3-Trichloropropane
Concen: 38.904 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008636.D
Acq: 05 May 2022 01:40

Instrument :
MSVOA_Y
ClientSampleId :
SB10-13-14-FT

Tgt Ion: 75 Resp: 16765
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.875 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008636.D
Acq: 05 May 2022 01:40

Tgt Ion: 75 Resp: 16765
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

