

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008609.D
 Acq On : 04 May 2022 14:03
 Operator : KP/MD
 Sample : N2619-02
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB01-13-14-FT

Quant Time: May 05 04:35:07 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)

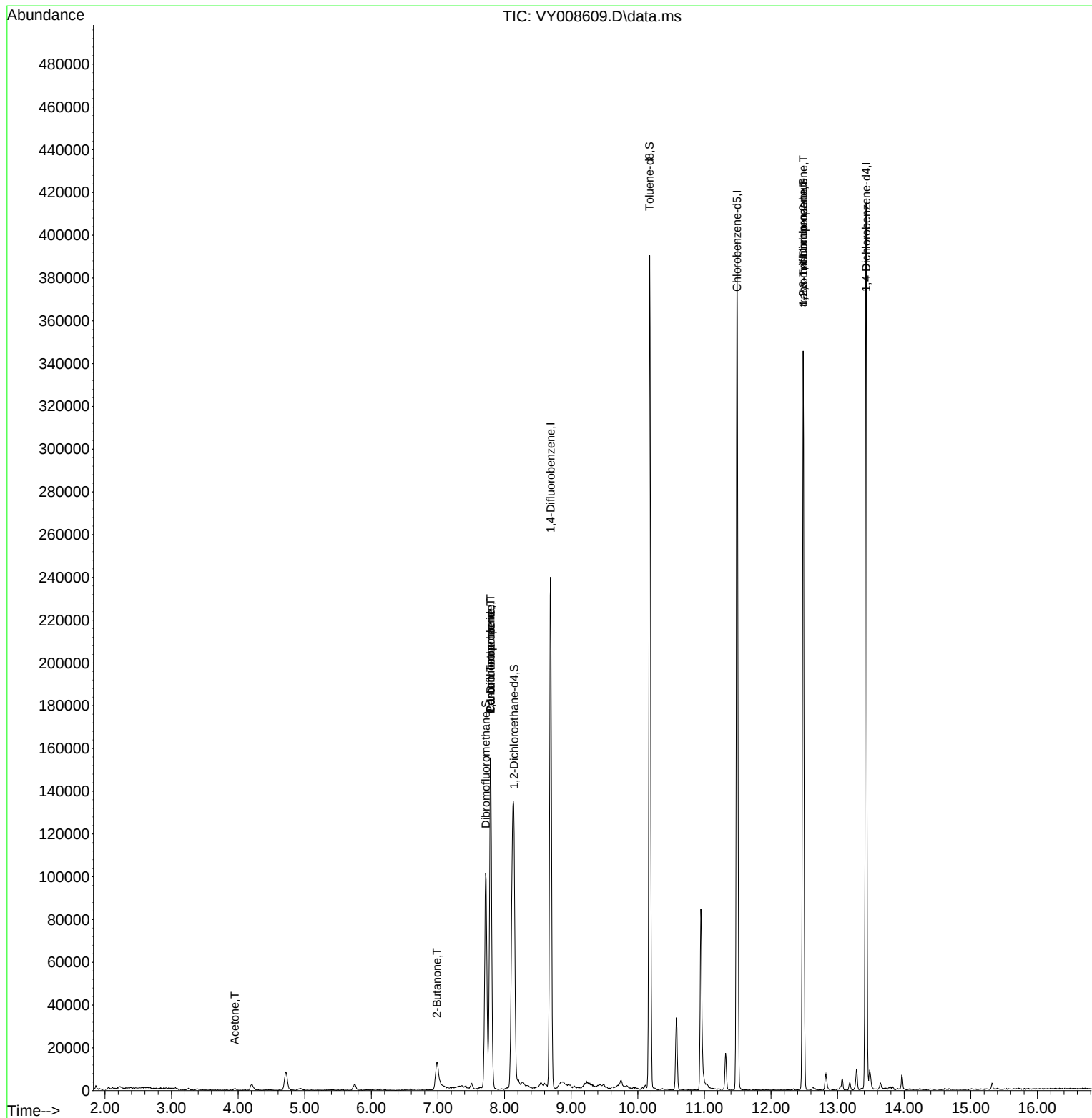
Internal Standards						
1) Pentafluorobenzene	7.789	168	132105	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	223915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	231958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65904	51.329	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 102.660%		
35) Dibromofluoromethane	7.716	113	71350	48.156	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 96.320%		
50) Toluene-d8	10.179	98	268191	51.092	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 102.180%		
62) 4-Bromofluorobenzene	12.483	95	97715	50.789	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 101.580%		
Target Compounds						
						Qvalue
5) Bromomethane	2.674	94	181	Below Cal	#	75
11) Tert butyl alcohol	4.948	59	1073	Below Cal	#	77
16) Acetone	3.948	43	1385	5.006	ug/l	95
18) Methyl Acetate	4.479	43	457	Below Cal	#	56
20) Methylene Chloride	4.716	84	6961	Below Cal	#	83
25) 2-Butanone	6.984	43	834	1.878	ug/l	94
36) 1,1-Dichloropropene	7.789	75	8361	3.629	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	11736	4.465	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	48406	38.844	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	48406	78.754	ug/l	# 7

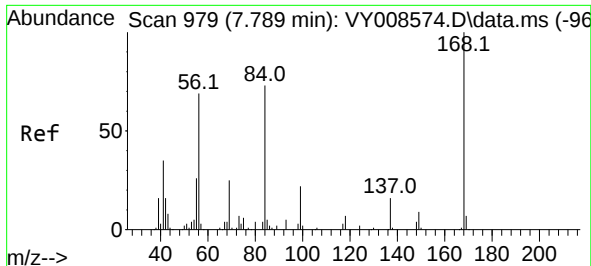
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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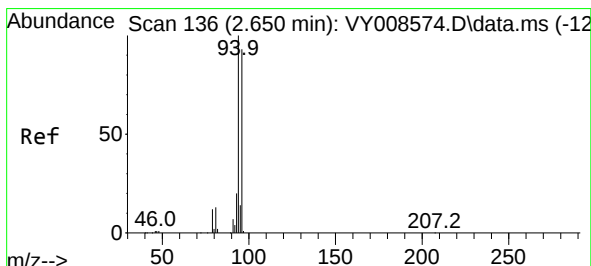
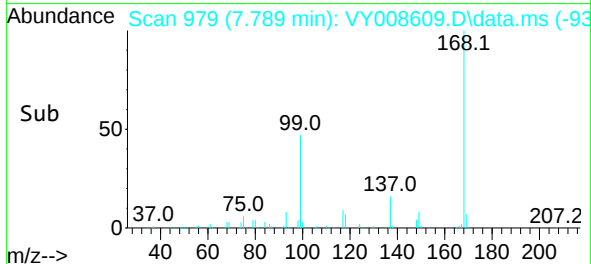
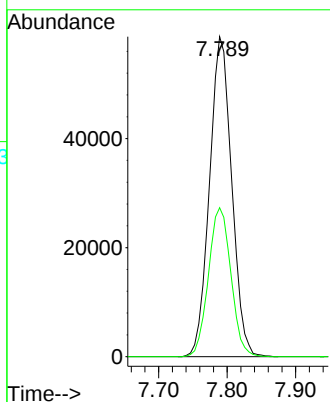
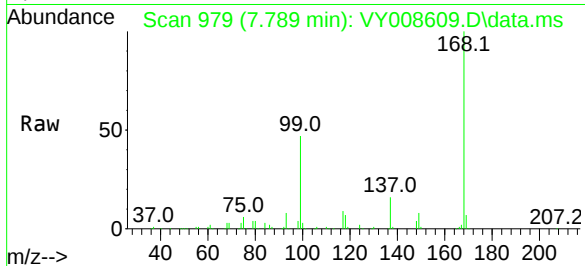




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008609.D
Acq: 04 May 2022 14:03

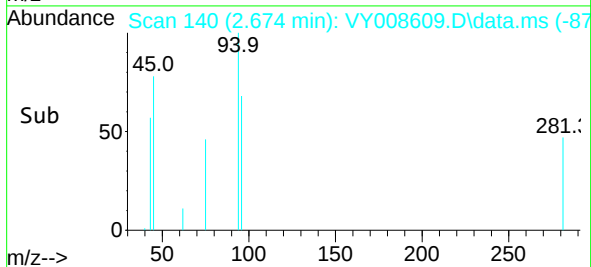
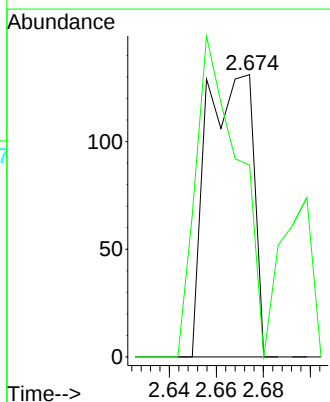
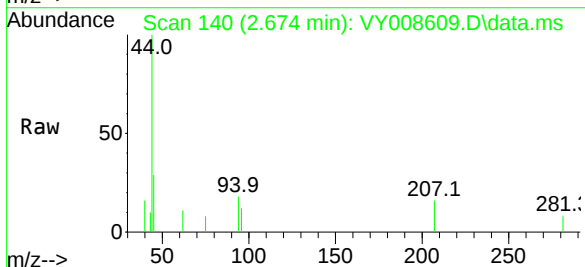
Instrument :
MSVOA_Y
ClientSampleId :
SB01-13-14-FT

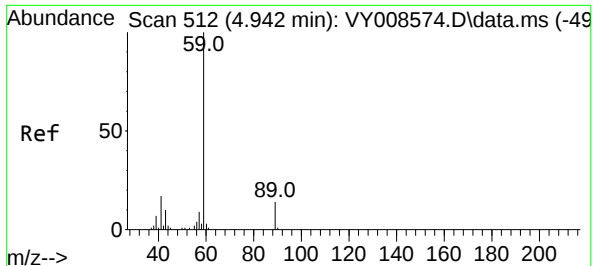
Tgt Ion:168 Resp: 132105
Ion Ratio Lower Upper
168 100
99 46.6 46.9 70.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 140
Delta R.T. 0.024 min
Lab File: VY008609.D
Acq: 04 May 2022 14:03

Tgt Ion: 94 Resp: 181
Ion Ratio Lower Upper
94 100
96 67.9 73.5 110.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.948 min Scan# 512

Delta R.T. 0.006 min

Lab File: VY008609.D

Acq: 04 May 2022 14:03

Instrument :

MSVOA_Y

ClientSampleId :

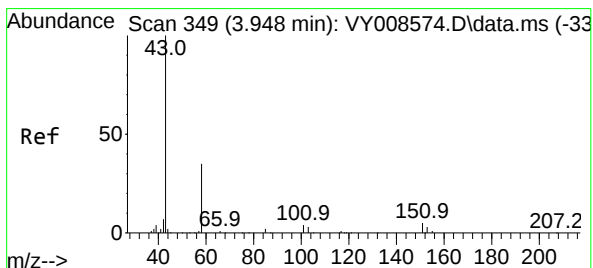
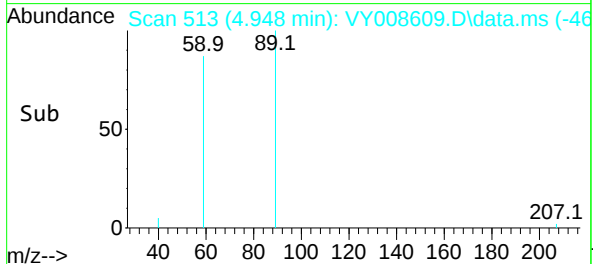
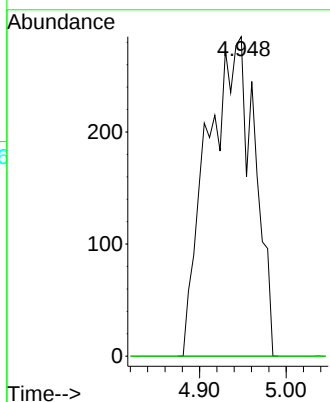
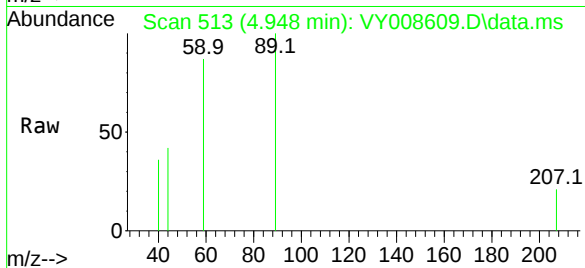
SB01-13-14-FT

Tgt Ion: 59 Resp: 1073

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 5.006 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY008609.D

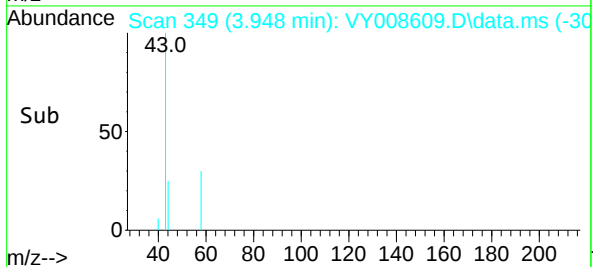
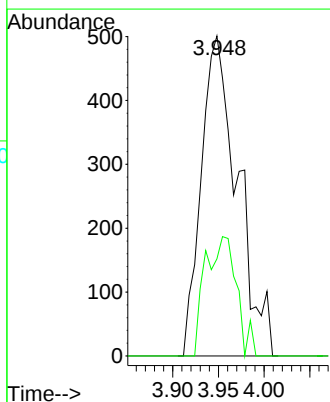
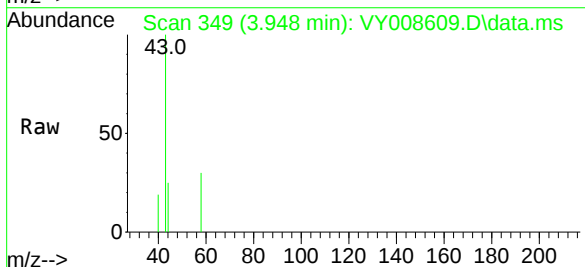
Acq: 04 May 2022 14:03

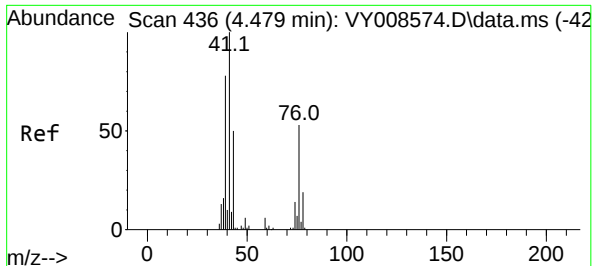
Tgt Ion: 43 Resp: 1385

Ion Ratio Lower Upper

43 100

58 30.3 22.0 33.0

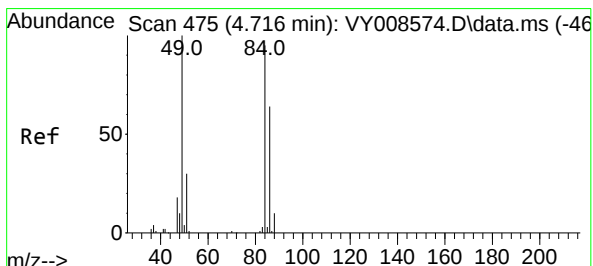
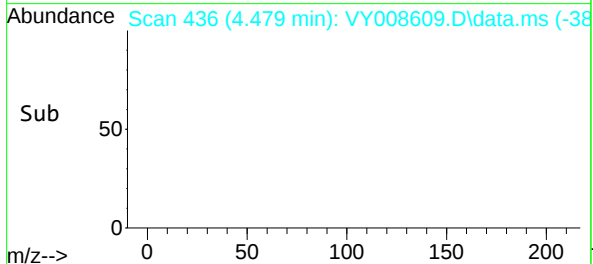
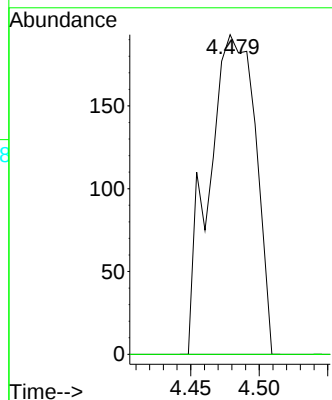
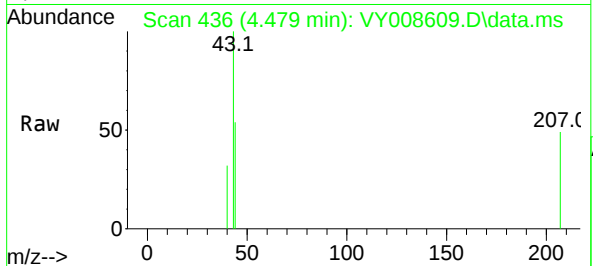




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY008609.D
Acq: 04 May 2022 14:03

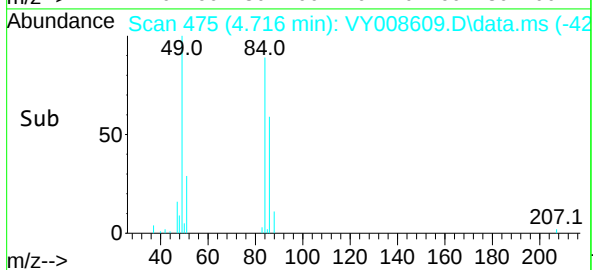
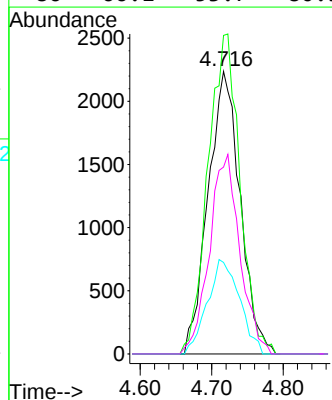
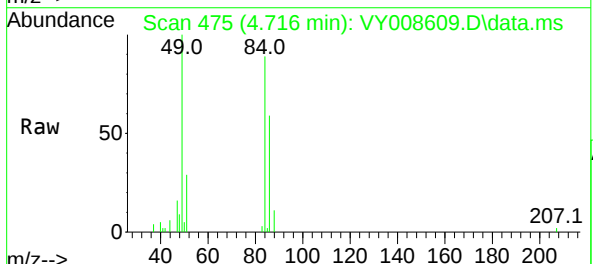
Instrument :
MSVOA_Y
ClientSampleId :
SB01-13-14-FT

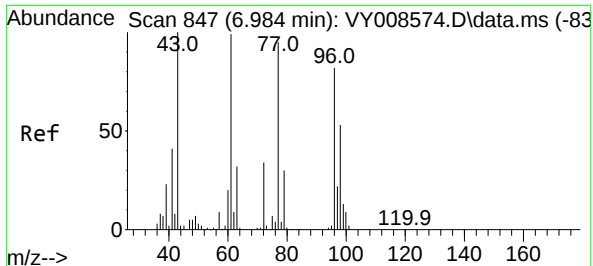
Tgt Ion: 43 Resp: 457
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY008609.D
Acq: 04 May 2022 14:03

Tgt Ion: 84 Resp: 6961
Ion Ratio Lower Upper
84 100
49 112.7 114.4 171.6#
51 32.4 35.3 52.9#
86 66.1 53.7 80.5

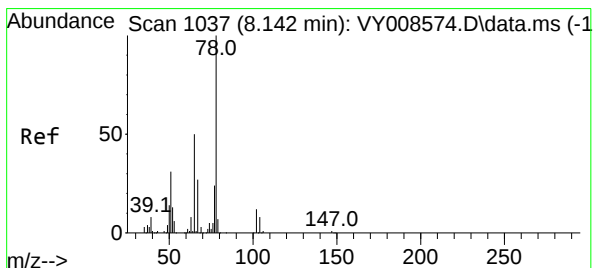
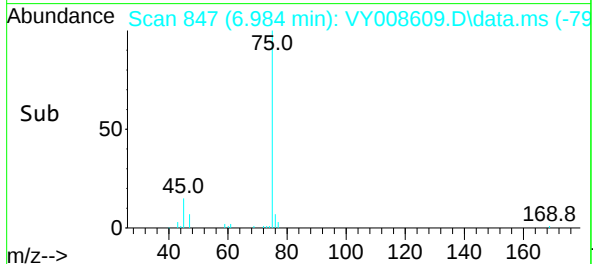
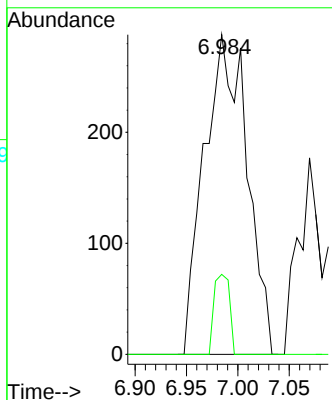
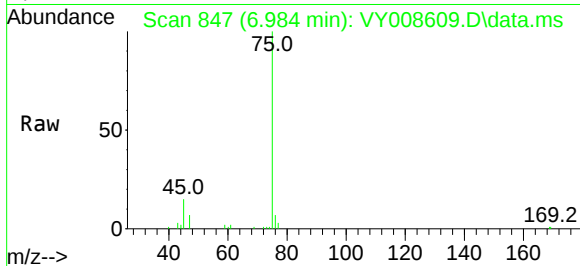




#25
2-Butanone
Concen: 1.878 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008609.D
Acq: 04 May 2022 14:03

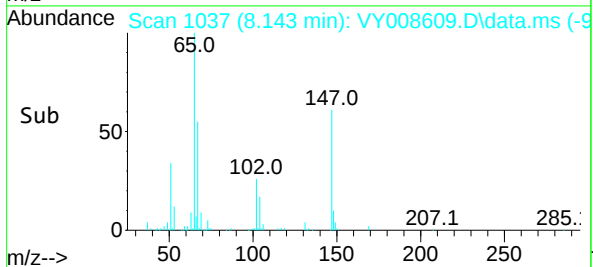
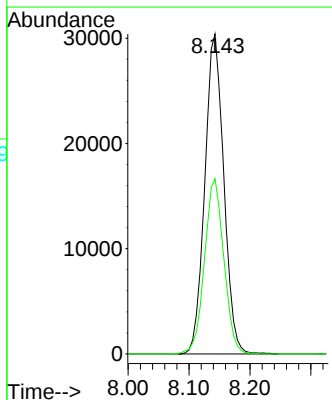
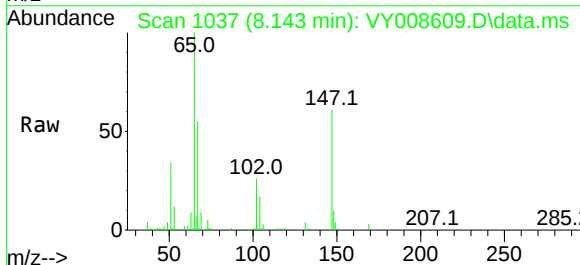
Instrument :
MSVOA_Y
ClientSampleId :
SB01-13-14-FT

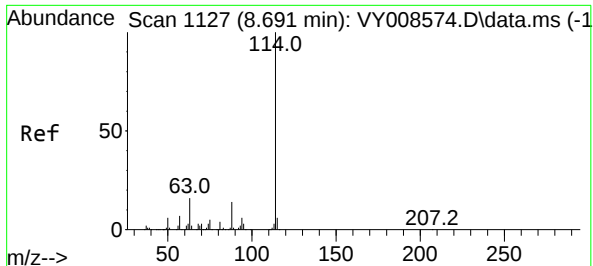
Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
72 25.0 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 51.329 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008609.D
Acq: 04 May 2022 14:03

Tgt Ion: 65 Resp: 65904
Ion Ratio Lower Upper
65 100
67 55.8 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: VY008609.D

Acq: 04 May 2022 14:03

Instrument :

MSVOA_Y

ClientSampleId :

SB01-13-14-FT

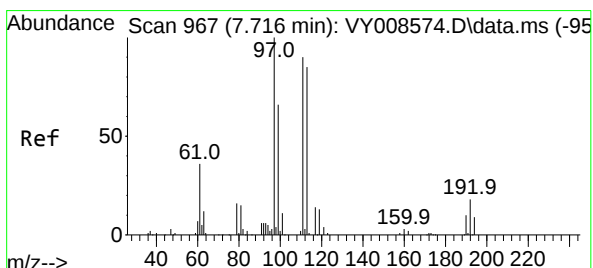
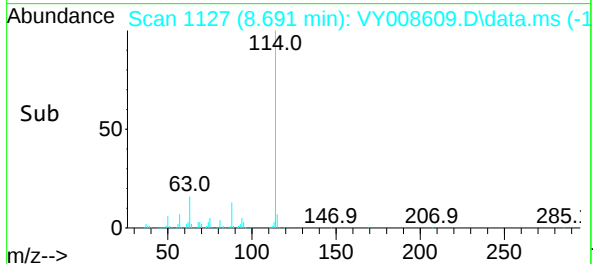
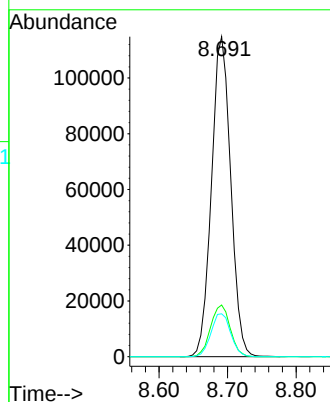
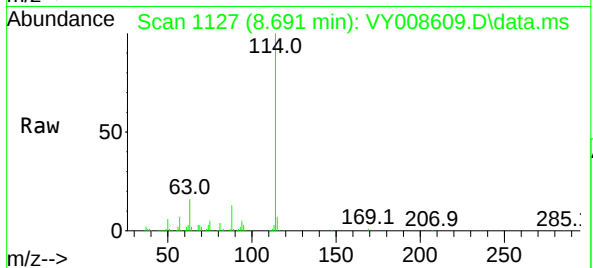
Tgt Ion:114 Resp: 223915

Ion Ratio Lower Upper

114 100

63 16.1 0.0 43.2

88 13.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.156 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008609.D

Acq: 04 May 2022 14:03

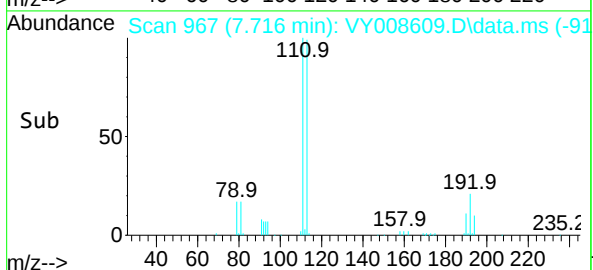
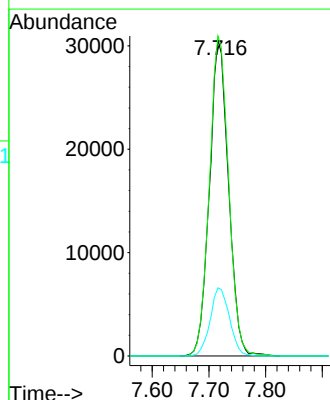
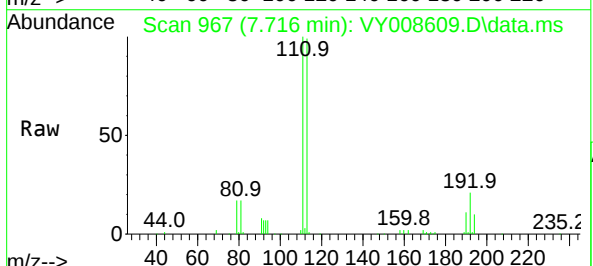
Tgt Ion:113 Resp: 71350

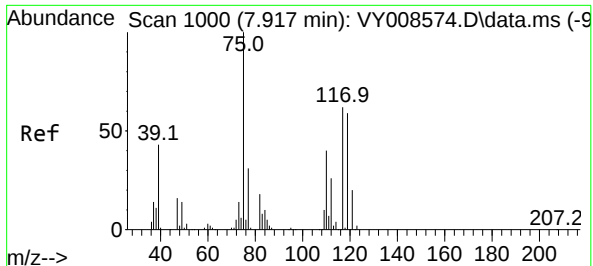
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 21.9 17.6 26.4

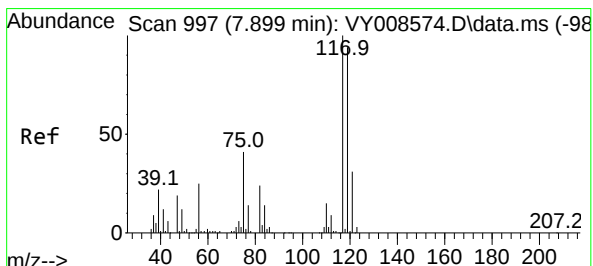
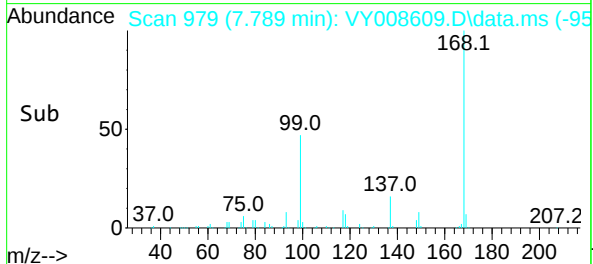
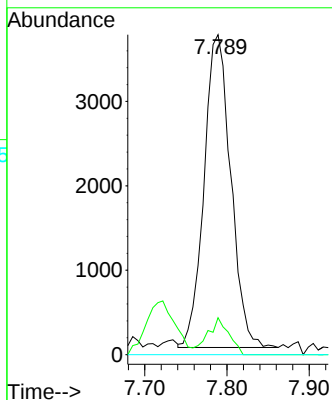
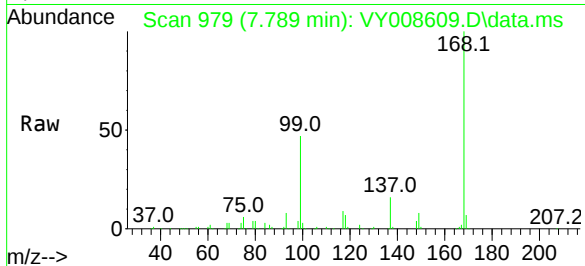




#36
1,1-Dichloropropene
Concen: 3.629 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008609.D
Acq: 04 May 2022 14:03

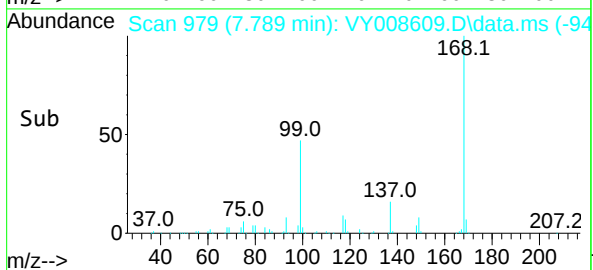
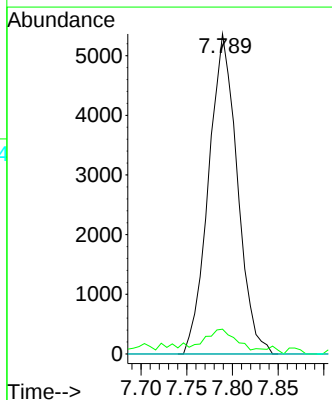
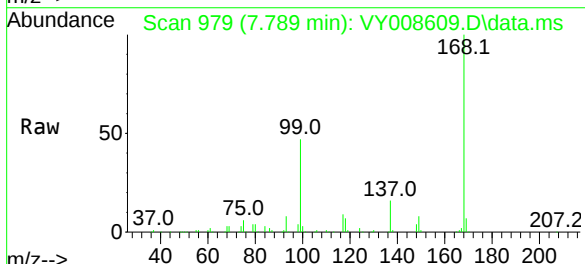
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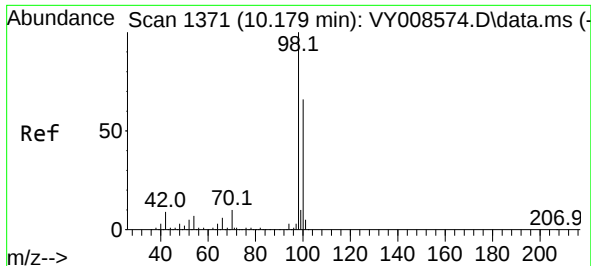
Tgt Ion: 75 Resp: 8361
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.465 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008609.D
Acq: 04 May 2022 14:03

Tgt Ion: 117 Resp: 11736
Ion Ratio Lower Upper
117 100
119 6.6 77.9 116.9#
121 0.0 24.8 37.2#

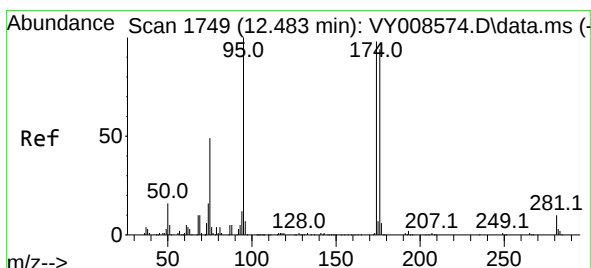
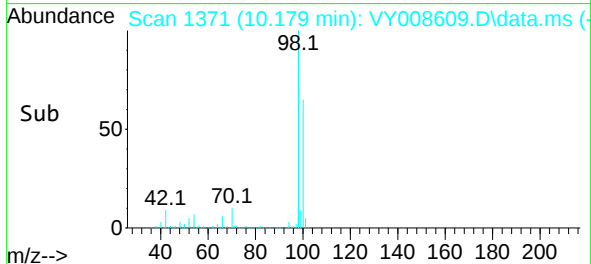
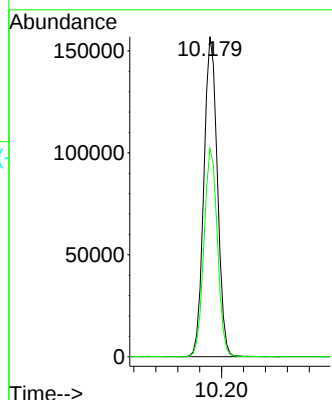
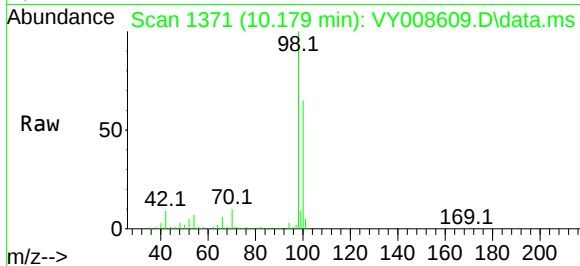




#50
Toluene-d8
Concen: 51.092 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008609.D
Acq: 04 May 2022 14:03

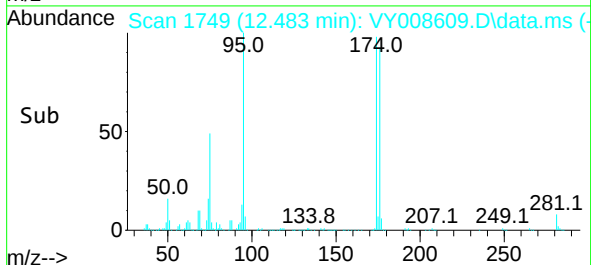
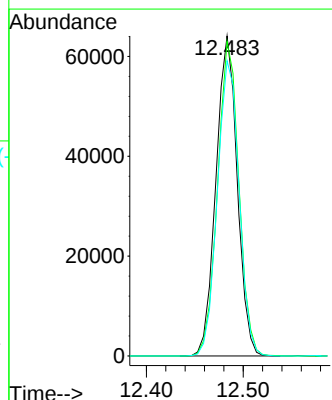
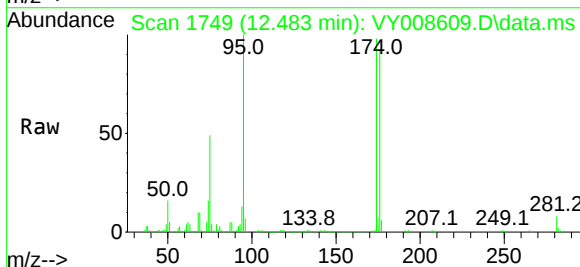
Instrument :
MSVOA_Y
ClientSampleId :
SB01-13-14-FT

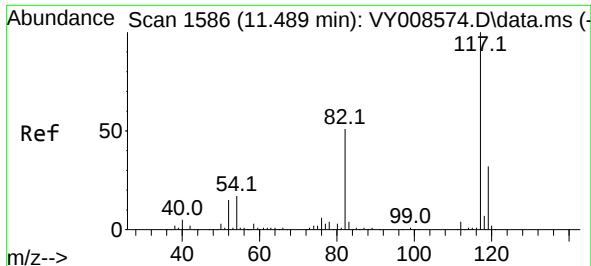
Tgt Ion: 98 Resp: 268191
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.789 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008609.D
Acq: 04 May 2022 14:03

Tgt Ion: 95 Resp: 97715
Ion Ratio Lower Upper
95 100
174 98.3 0.0 177.0
176 94.0 0.0 175.8

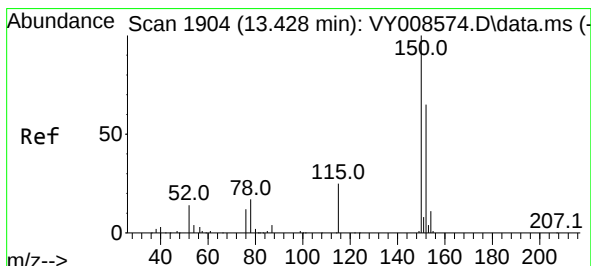
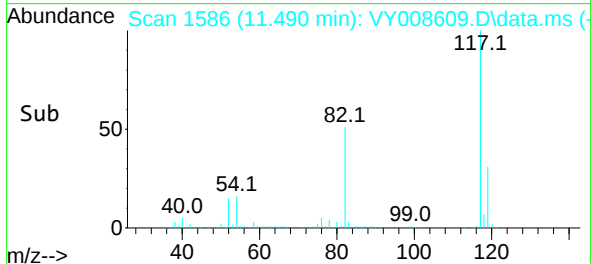
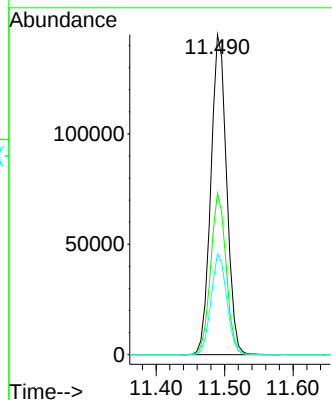
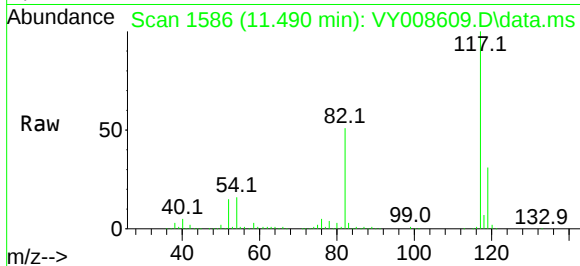




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008609.D
Acq: 04 May 2022 14:03

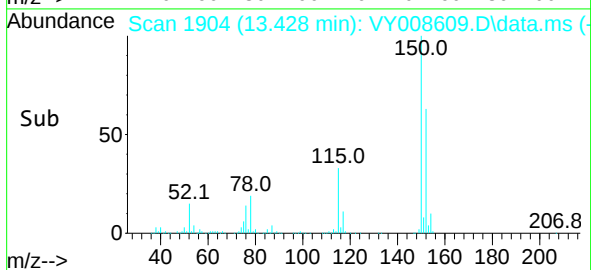
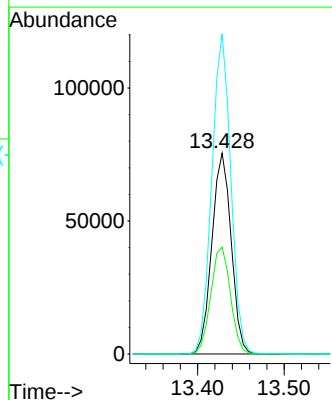
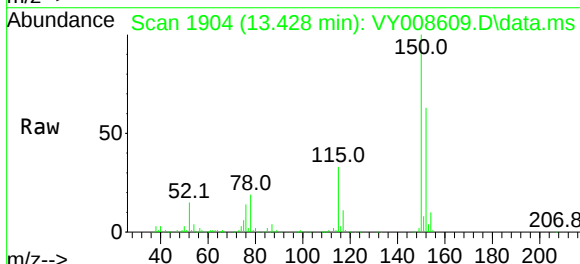
Instrument :
MSVOA_Y
ClientSampleId :
SB01-13-14-FT

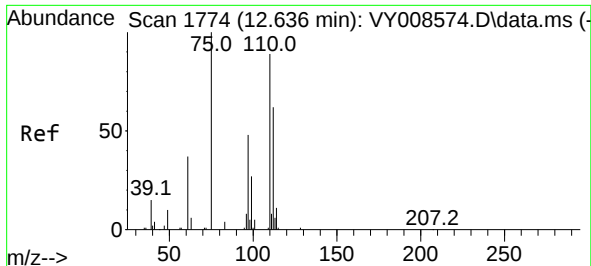
Tgt Ion:117 Resp: 231958
Ion Ratio Lower Upper
117 100
82 50.5 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008609.D
Acq: 04 May 2022 14:03

Tgt Ion:152 Resp: 116738
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 157.0 0.0 347.6

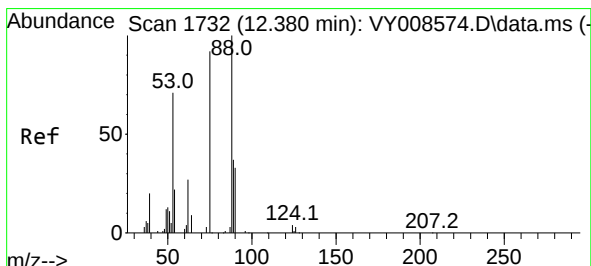
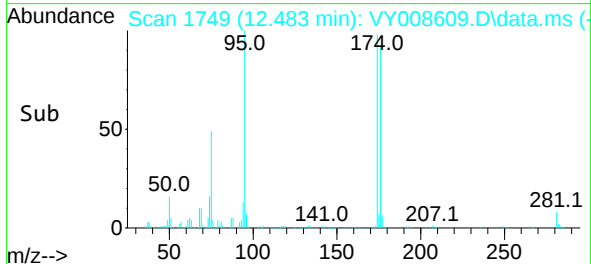
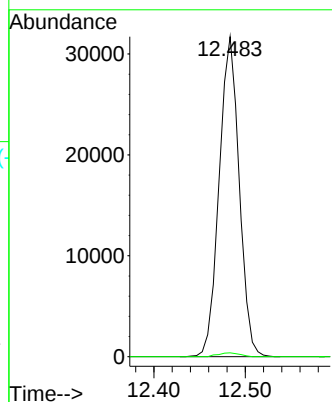
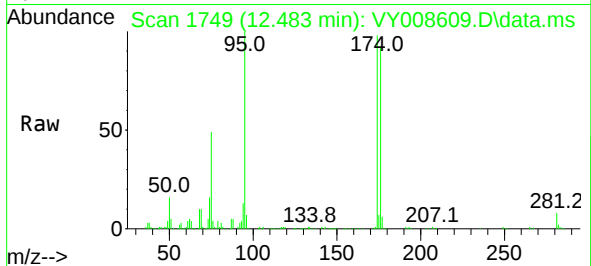




#76
1,2,3-Trichloropropane
Concen: 38.844 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008609.D
Acq: 04 May 2022 14:03

Instrument :
MSVOA_Y
ClientSampleId :
SB01-13-14-FT

Tgt Ion: 75 Resp: 48406
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.754 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008609.D
Acq: 04 May 2022 14:03

Tgt Ion: 75 Resp: 48406
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

