

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008619.D
 Acq On : 04 May 2022 17:57
 Operator : KP/MD
 Sample : N2619-14
 Misc : 5.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

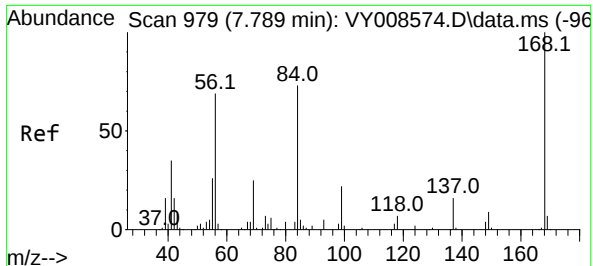
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB06-12-14-FT

Quant Time: May 05 04:37:24 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	75410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	130204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	137939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	39791	54.290	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 108.580%	
35) Dibromofluoromethane	7.716	113	42022	48.774	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 97.540%	
50) Toluene-d8	10.179	98	156737	51.350	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 102.700%	
62) 4-Bromofluorobenzene	12.483	95	57191	51.120	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 102.240%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	110	Below Cal		100
11) Tert butyl alcohol	4.942	59	224	Below Cal	#	77
16) Acetone	3.942	43	948	6.003	ug/l	90
18) Methyl Acetate	4.491	43	307	Below Cal	#	56
25) 2-Butanone	6.990	43	675	2.663	ug/l	# 54
38) Carbon Tetrachloride	7.789	117	6902	4.516	ug/l	# 17
43) Isopropyl Acetate	8.112	43	1429	1.143	ug/l	# 14
76) 1,2,3-Trichloropropane	12.483	75	27646	37.752	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	27646	76.540	ug/l	# 7

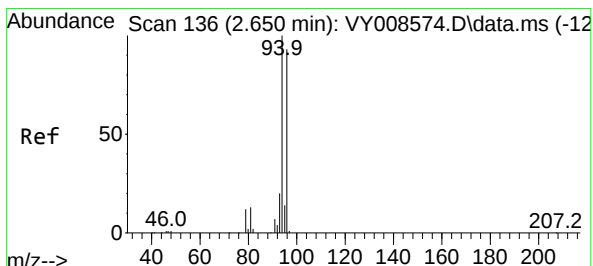
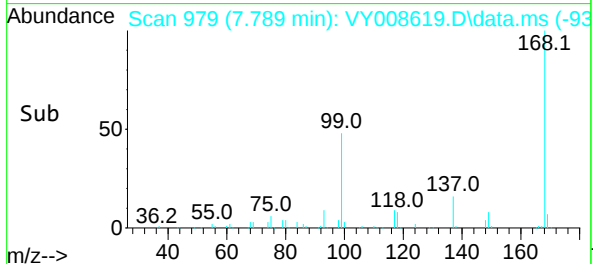
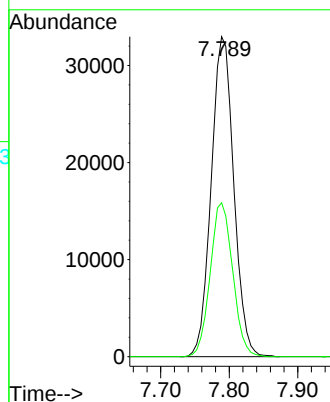
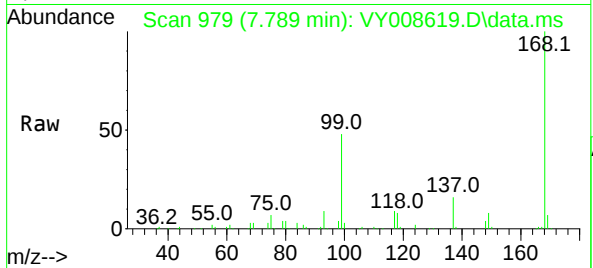
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008619.D
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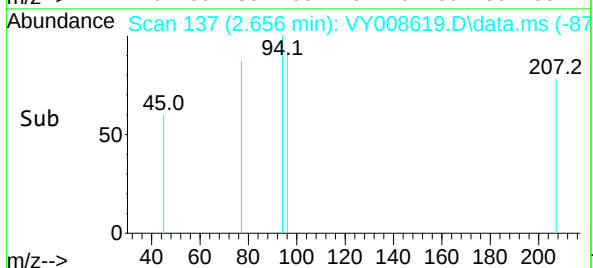
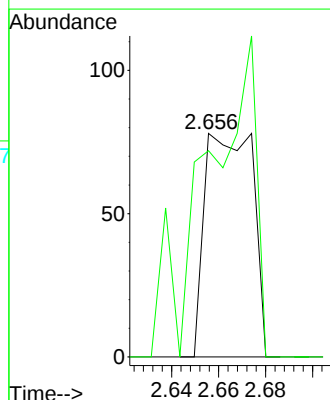
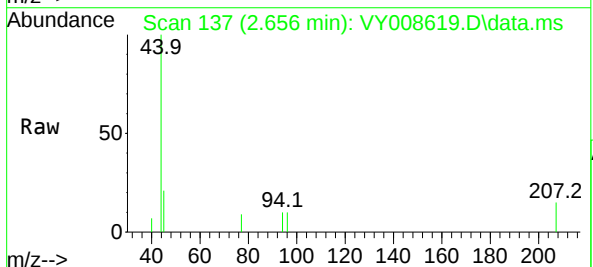
Instrument :
MSVOA_Y
ClientSampleId :
SB06-12-14-FT

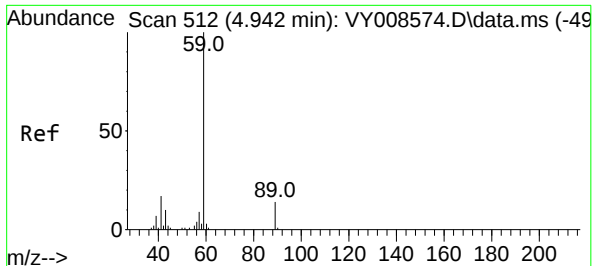
Tgt Ion:168 Resp: 75410
Ion Ratio Lower Upper
168 100
99 48.1 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.006 min
Lab File: VY008619.D
Acq: 04 May 2022 17:57

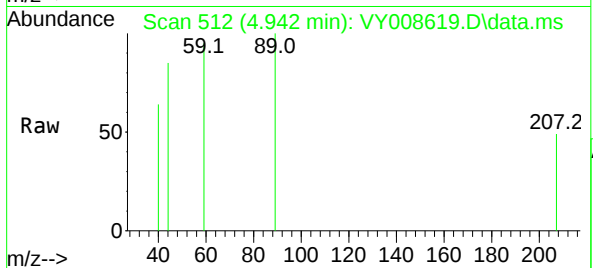
Tgt Ion: 94 Resp: 110
Ion Ratio Lower Upper
94 100
96 92.3 73.5 110.3



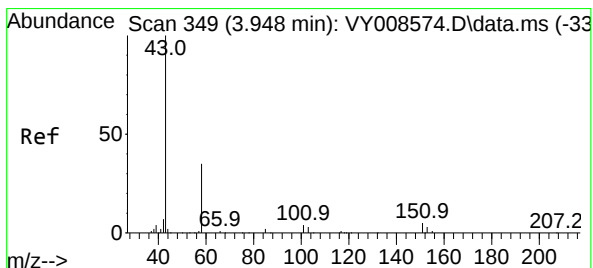
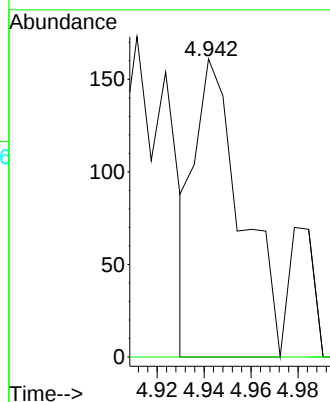
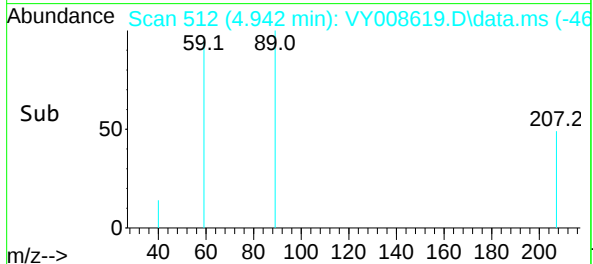


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY008619.D
Acq: 04 May 2022 17:57

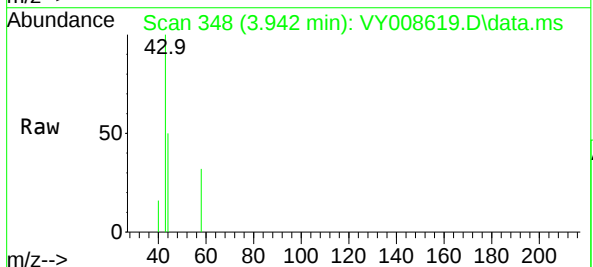
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MSVOA_Y
ClientSampleId :
SB06-12-14-FT



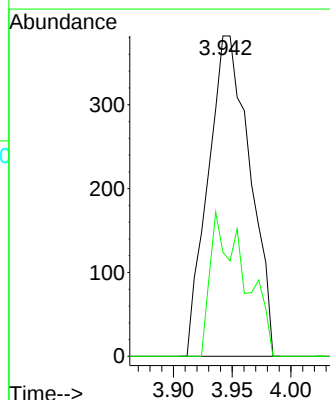
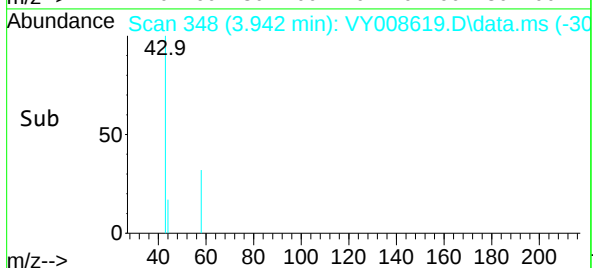
Tgt Ion: 59 Resp: 224
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

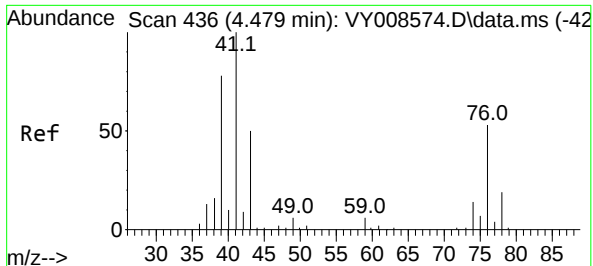


#16
Acetone
Concen: 6.003 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008619.D
Acq: 04 May 2022 17:57



Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
58 32.5 22.0 33.0

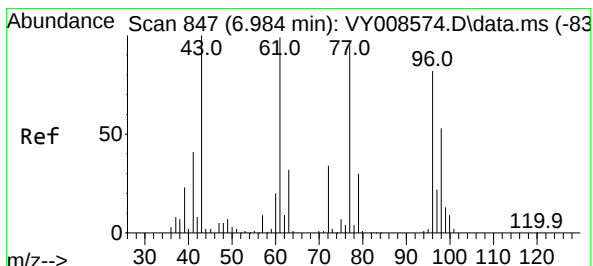
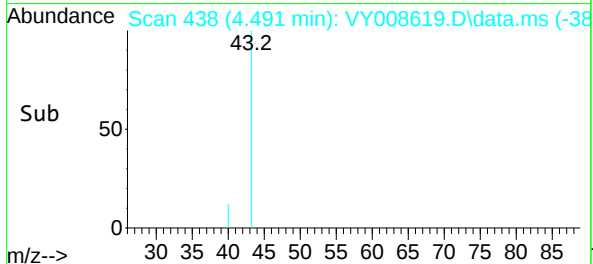
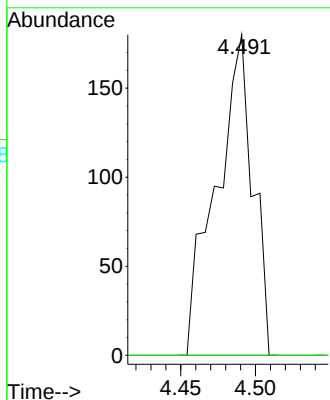
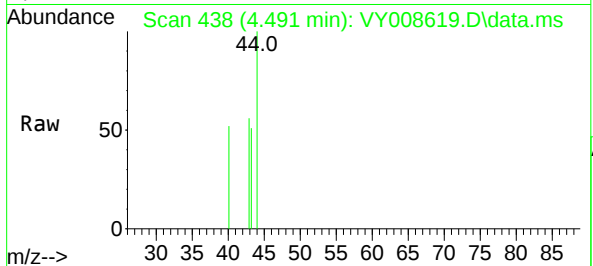




#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY008619.D
Acq: 04 May 2022 17:57

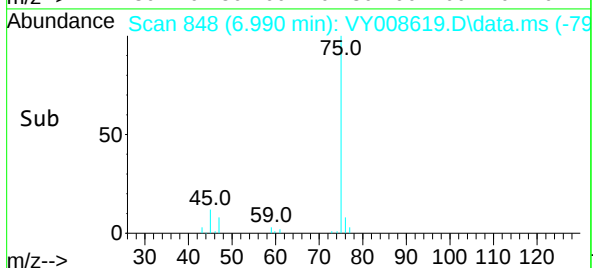
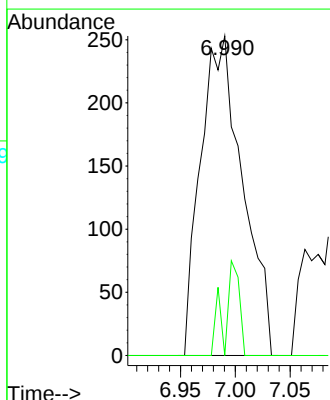
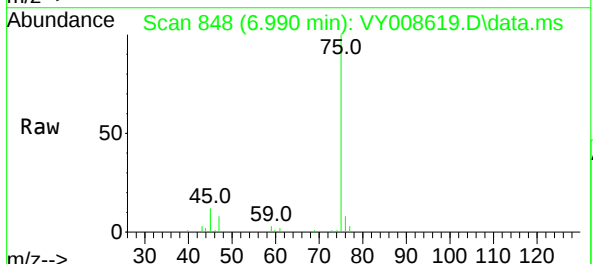
Instrument :
MSVOA_Y
ClientSampleId :
SB06-12-14-FT

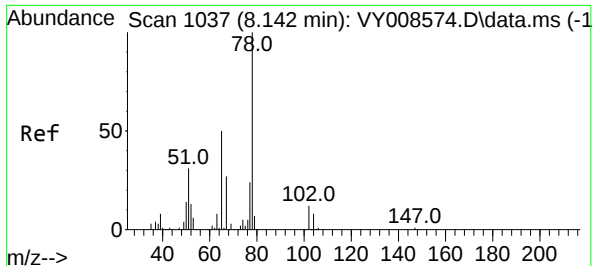
Tgt Ion: 43 Resp: 307
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 2.663 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY008619.D
Acq: 04 May 2022 17:57

Tgt Ion: 43 Resp: 675
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 54.290 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY008619.D

Acq: 04 May 2022 17:57

Instrument :

MSVOA_Y

ClientSampleId :

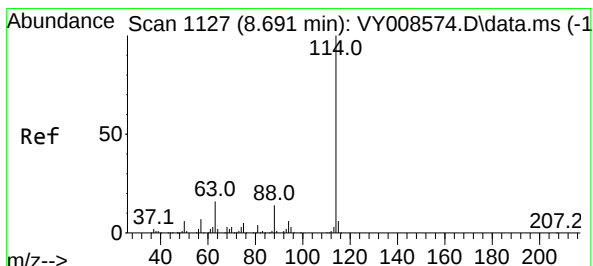
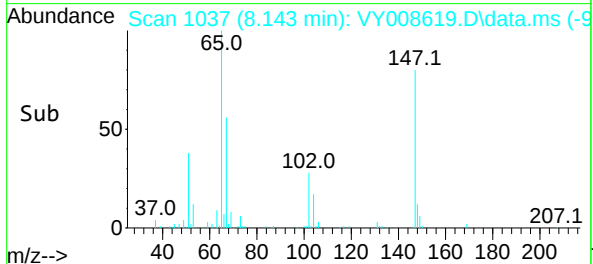
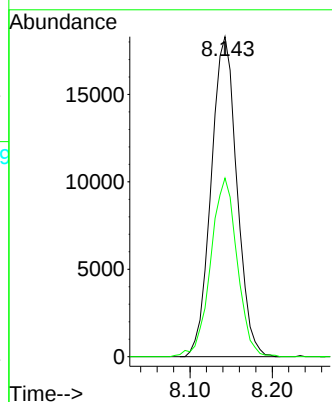
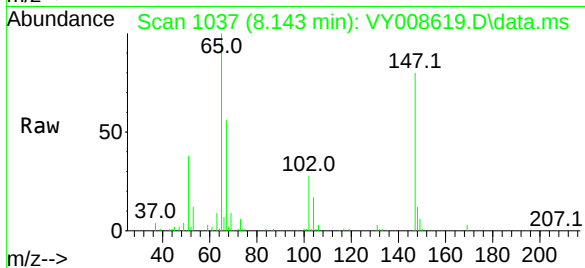
SB06-12-14-FT

Tgt Ion: 65 Resp: 39791

Ion Ratio Lower Upper

65 100

67 57.3 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: VY008619.D

Acq: 04 May 2022 17:57

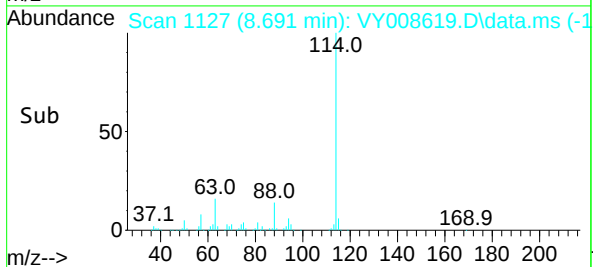
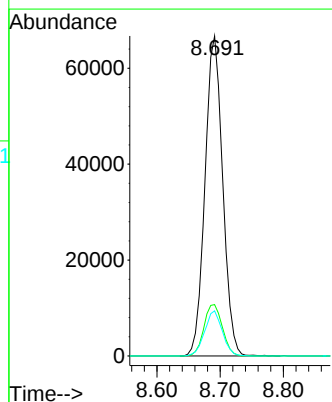
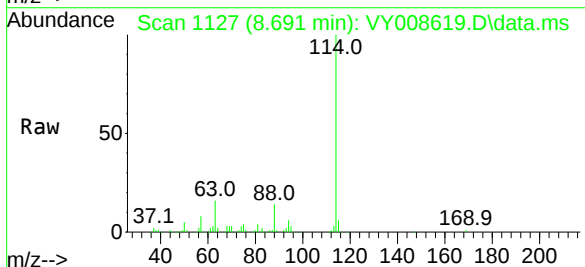
Tgt Ion: 114 Resp: 130204

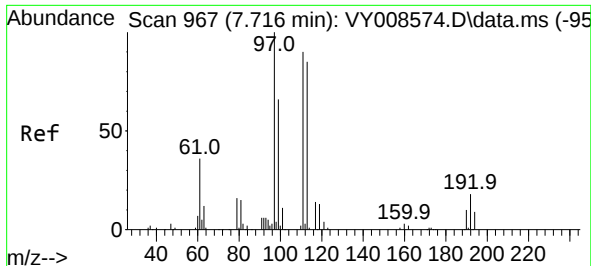
Ion Ratio Lower Upper

114 100

63 16.1 0.0 43.2

88 14.1 0.0 31.8

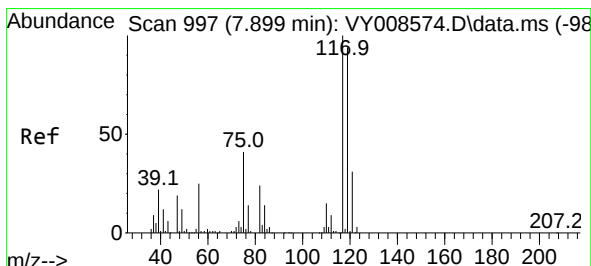
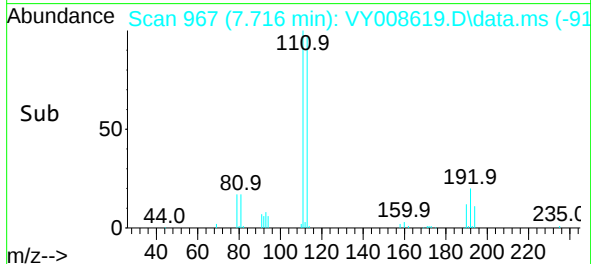
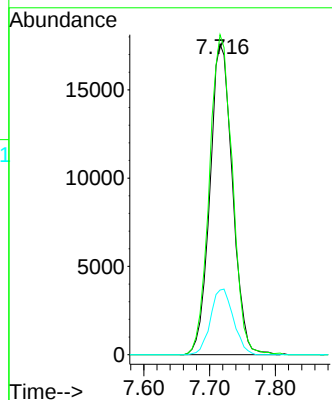
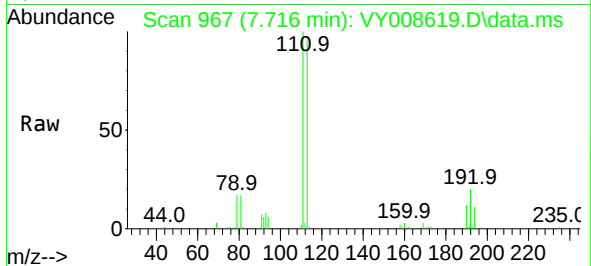




#35
Dibromofluoromethane
Concen: 48.774 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY008619.D
Acq: 04 May 2022 17:57

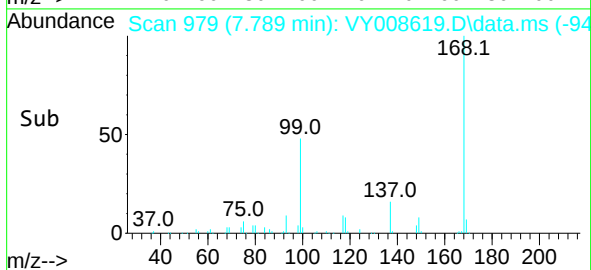
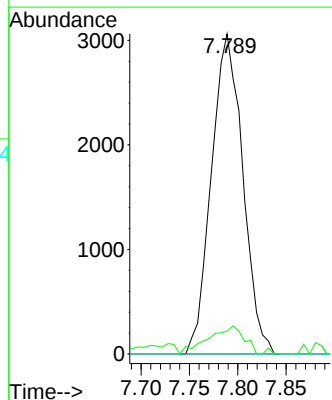
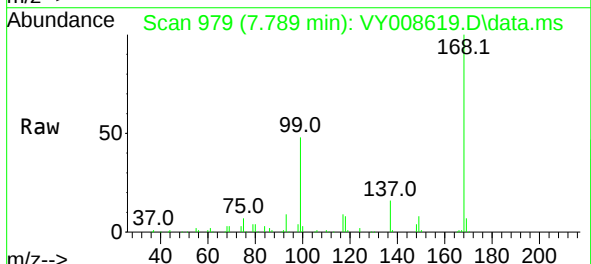
Instrument :
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ClientSampleId :
SB06-12-14-FT

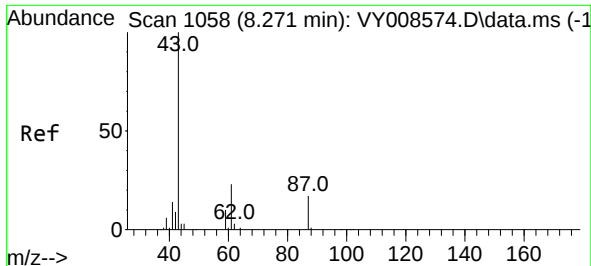
Tgt Ion:113 Resp: 42022
Ion Ratio Lower Upper
113 100
111 105.0 82.6 124.0
192 21.3 17.6 26.4



#38
Carbon Tetrachloride
Concen: 4.516 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008619.D
Acq: 04 May 2022 17:57

Tgt Ion:117 Resp: 6902
Ion Ratio Lower Upper
117 100
119 7.1 77.9 116.9#
121 0.0 24.8 37.2#

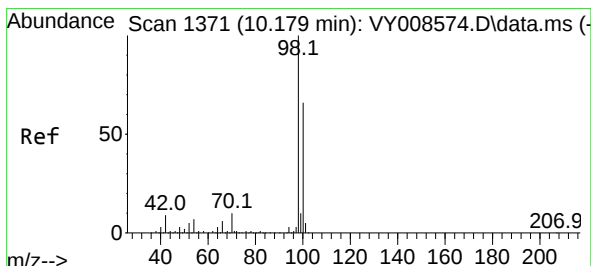
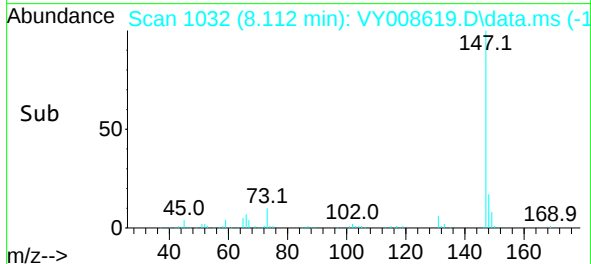
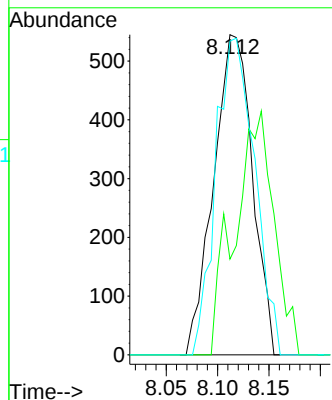
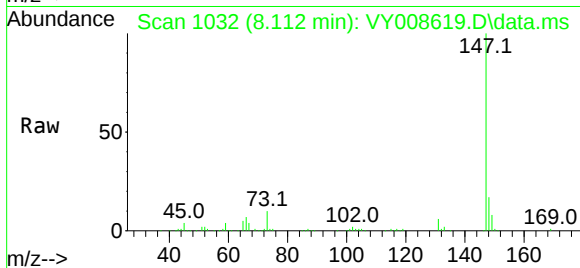




#43
Isopropyl Acetate
Concen: 1.143 ug/l
RT: 8.112 min Scan# 1032
Delta R.T. -0.158 min
Lab File: VY008619.D
Acq: 04 May 2022 17:57

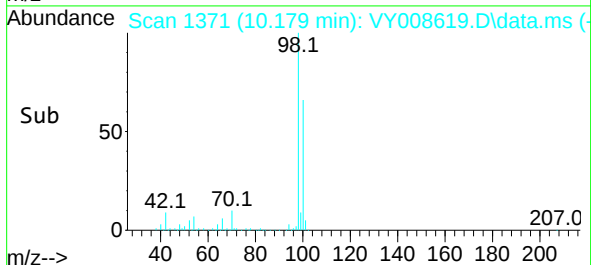
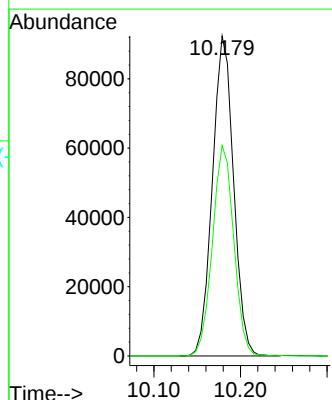
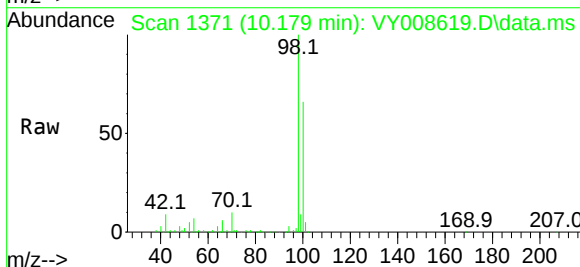
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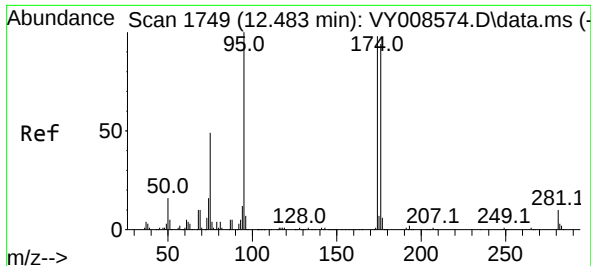
Tgt Ion: 43 Resp: 1429
Ion Ratio Lower Upper
43 100
61 14.0 20.2 30.2#
87 99.0 8.9 13.3#



#50
Toluene-d8
Concen: 51.350 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008619.D
Acq: 04 May 2022 17:57

Tgt Ion: 98 Resp: 156737
Ion Ratio Lower Upper
98 100
100 66.4 50.2 75.2

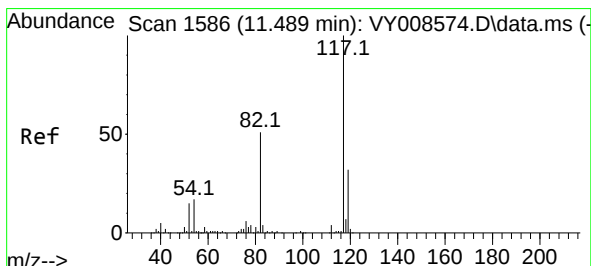
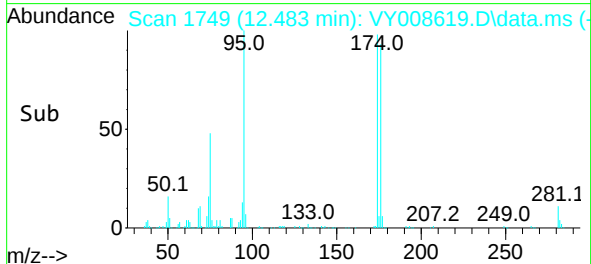
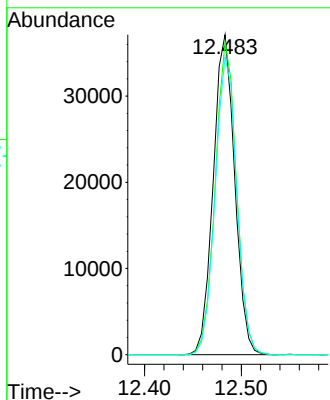
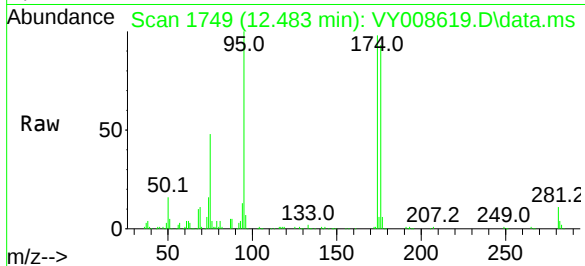




#62
4-Bromofluorobenzene
Concen: 51.120 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008619.D
Acq: 04 May 2022 17:57

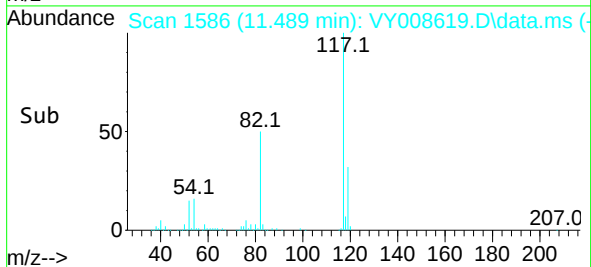
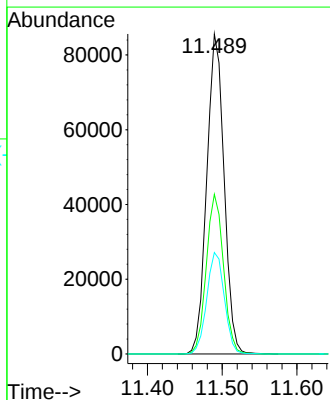
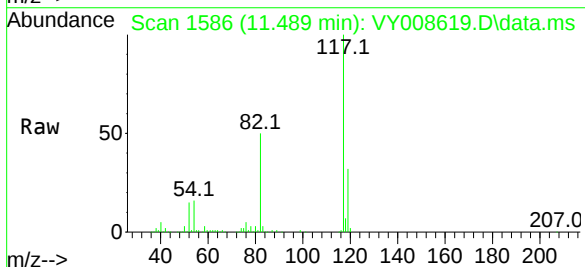
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SB06-12-14-FT

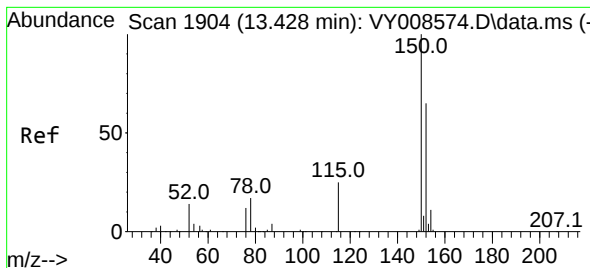
Tgt Ion: 95 Resp: 57191
Ion Ratio Lower Upper
95 100
174 96.7 0.0 177.0
176 93.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008619.D
Acq: 04 May 2022 17:57

Tgt Ion: 117 Resp: 137939
Ion Ratio Lower Upper
117 100
82 49.9 43.0 64.4
119 31.7 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: VY008619.D

Acq: 04 May 2022 17:57

Instrument :

MSVOA_Y

ClientSampleId :

SB06-12-14-FT

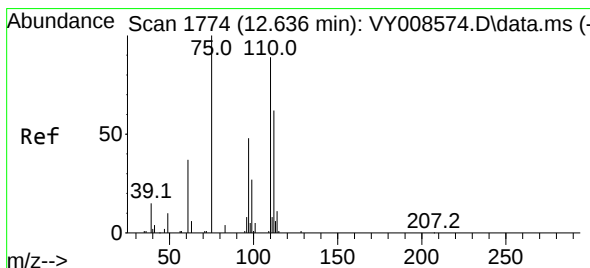
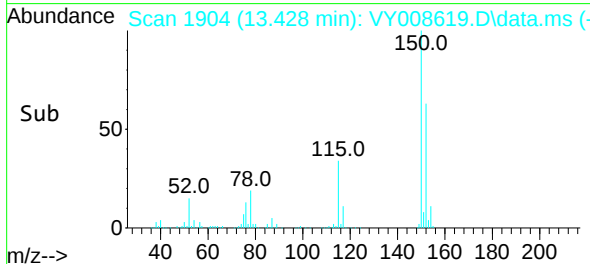
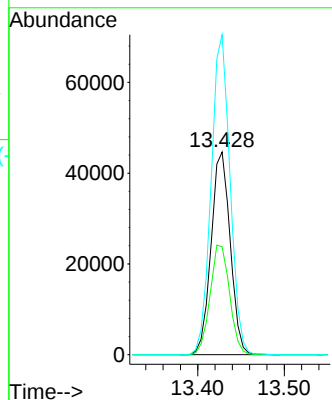
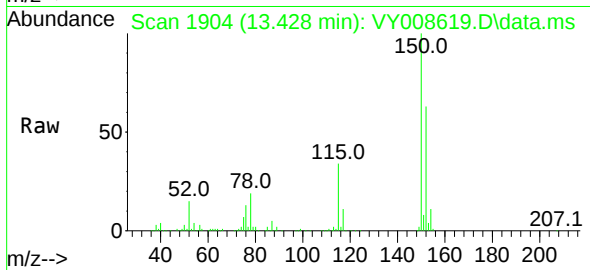
Tgt Ion:152 Resp: 68601

Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.7

150 155.8 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 37.752 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY008619.D

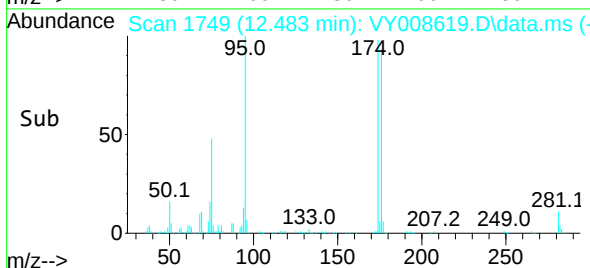
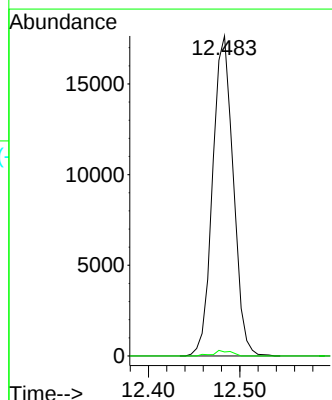
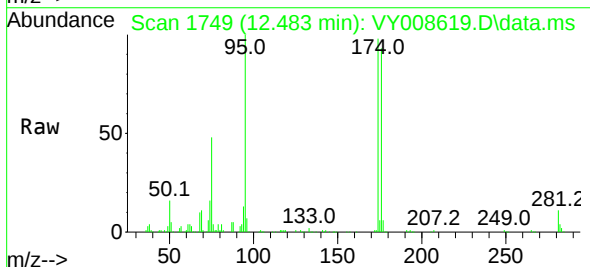
Acq: 04 May 2022 17:57

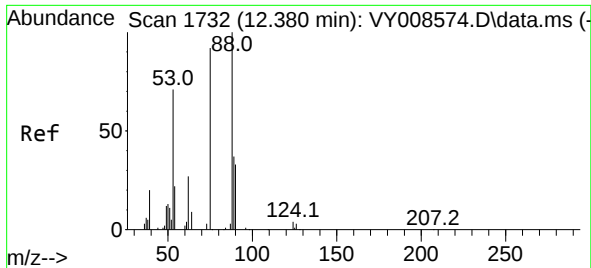
Tgt Ion: 75 Resp: 27646

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.540 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008619.D
 Acq: 04 May 2022 17:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB06-12-14-FT

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

