

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
 Data File : VY008279.D
 Acq On : 11 Apr 2022 17:45
 Operator : KP/MD
 Sample : N2330-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 12 07:00:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

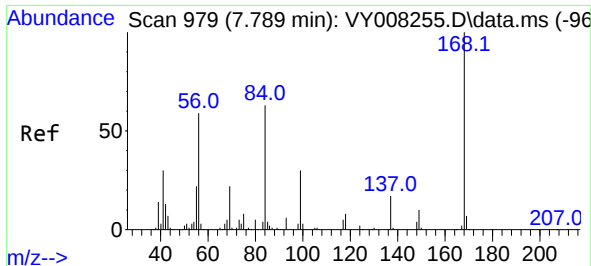
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	74922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	128373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	115065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	48460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	36364	51.671	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.340%			
35) Dibromofluoromethane	7.716	113	38323	51.686	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.380%			
50) Toluene-d8	10.179	98	154030	60.710	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 121.420%			
62) 4-Bromofluorobenzene	12.483	95	49171	51.527	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.060%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	129	Below Cal	#	44
5) Bromomethane	2.656	94	104	Below Cal	#	66
16) Acetone	3.948	43	7170	42.358	ug/l	92
18) Methyl Acetate	4.485	43	21	Below Cal	#	56
20) Methylene Chloride	4.722	84	2913	Below Cal	#	81
31) Cyclohexane	7.789	56	1432	1.125	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	5631	4.756	ug/l #	51
38) Carbon Tetrachloride	7.789	117	7353	5.773	ug/l #	16
48) Methyl methacrylate	9.411	41	1423	2.954	ug/l #	51
76) 1,2,3-Trichloropropane	12.483	75	25349	47.297	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	25349	105.825	ug/l #	7

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

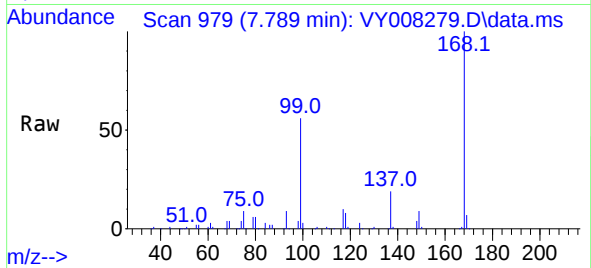
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Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration



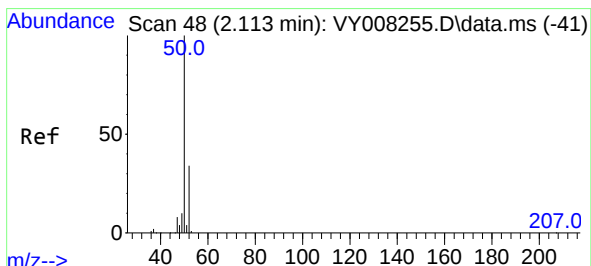
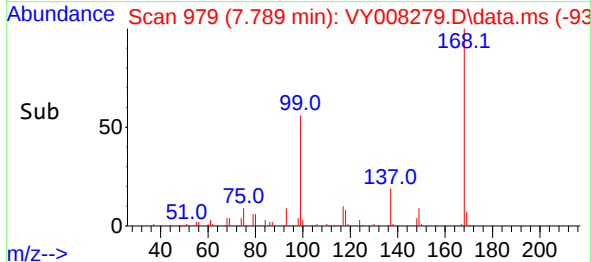
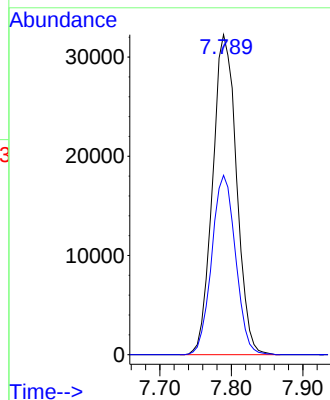


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008279.D
Acq: 11 Apr 2022 17:45

Instrument :
MSVOA_Y
ClientSampleId :

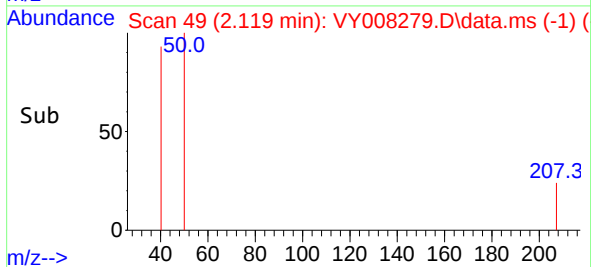
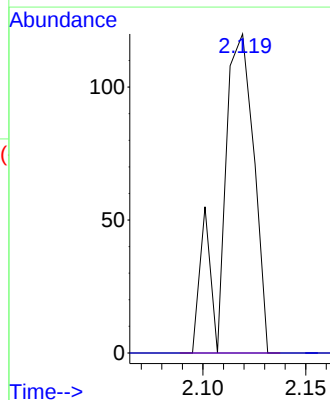
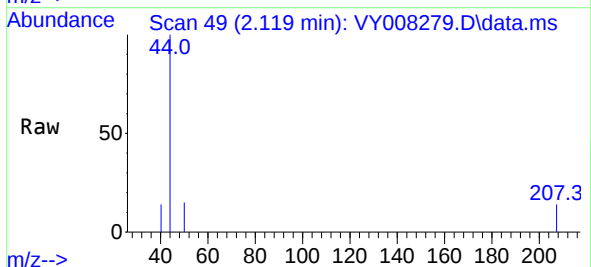


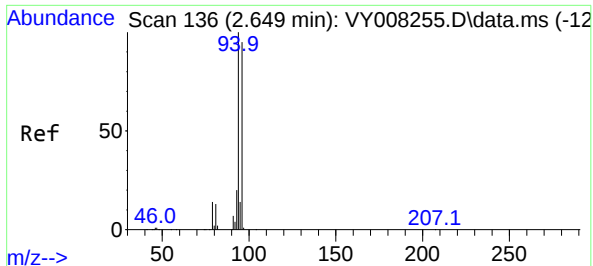
Tgt Ion:168 Resp: 74922
Ion Ratio Lower Upper
168 100
99 56.1 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008279.D
Acq: 11 Apr 2022 17:45

Tgt Ion: 50 Resp: 129
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

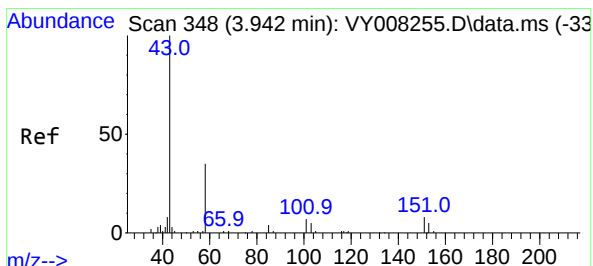
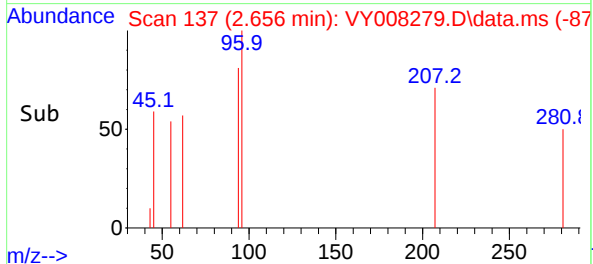
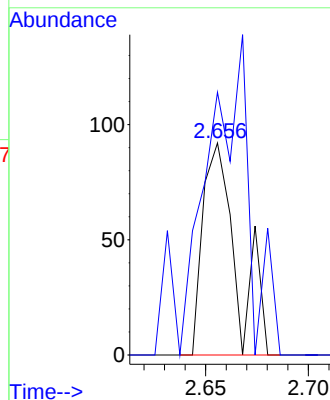
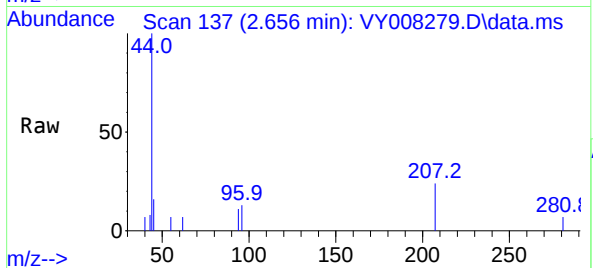




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008279.D
Acq: 11 Apr 2022 17:45

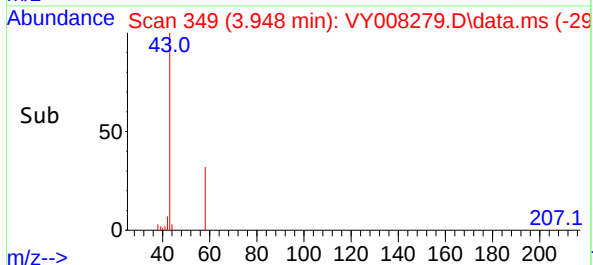
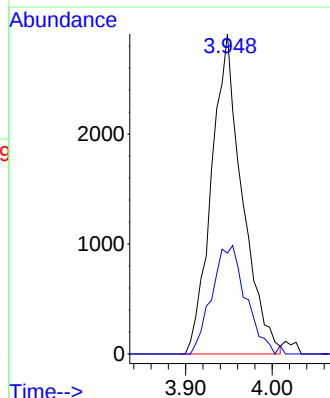
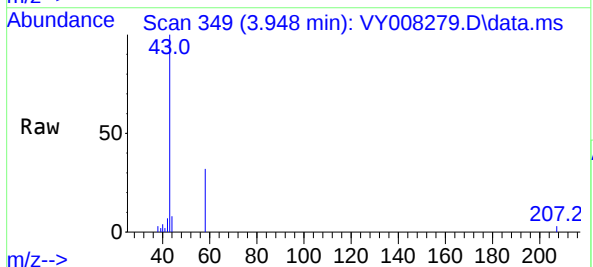
Instrument :
MSVOA_Y
ClientSampleId :

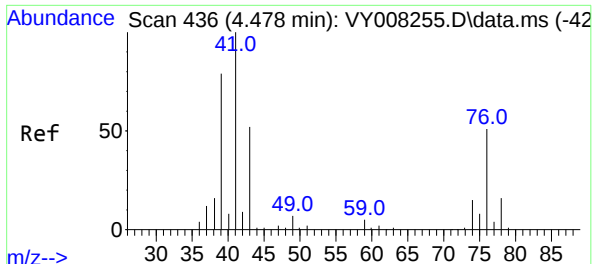
Tgt Ion: 94 Resp: 104
Ion Ratio Lower Upper
94 100
96 123.9 73.5 110.3#



#16
Acetone
Concen: 42.358 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008279.D
Acq: 11 Apr 2022 17:45

Tgt Ion: 43 Resp: 7170
Ion Ratio Lower Upper
43 100
58 31.5 22.0 33.0

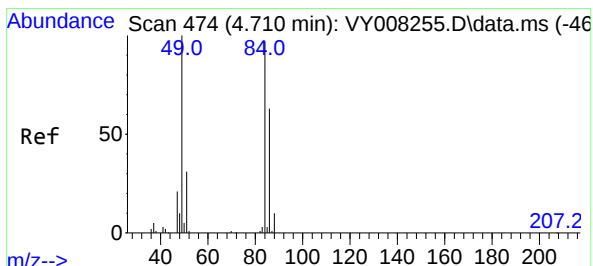
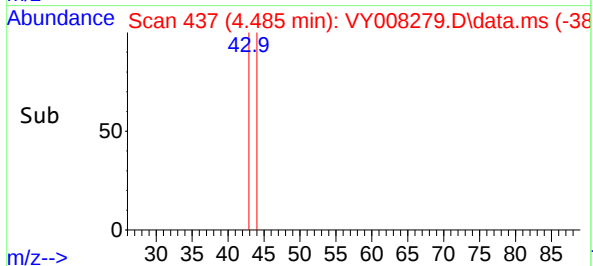
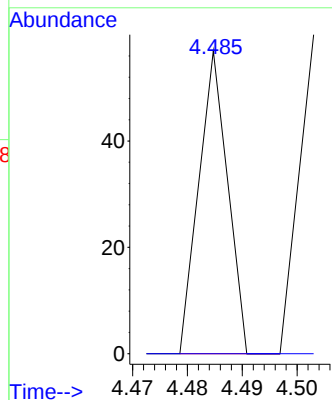
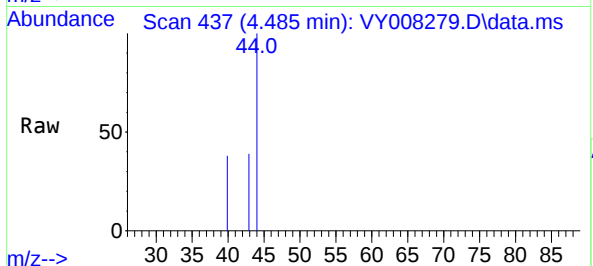




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY008279.D
Acq: 11 Apr 2022 17:45

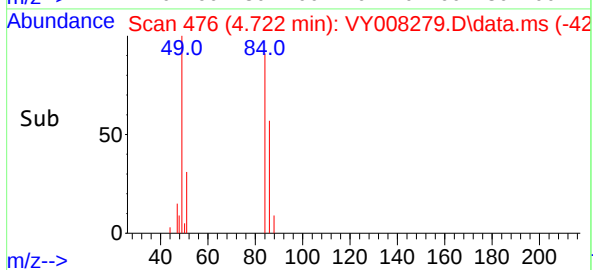
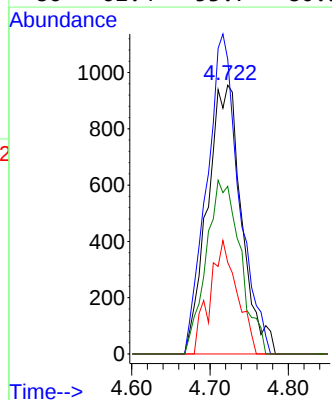
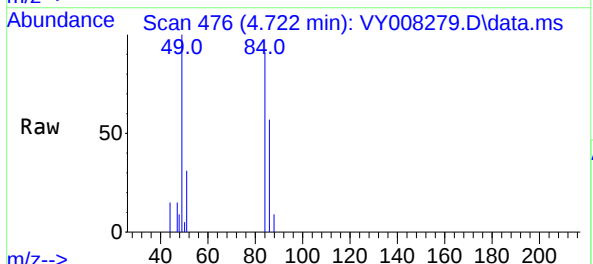
Instrument :
MSVOA_Y
ClientSampleId :

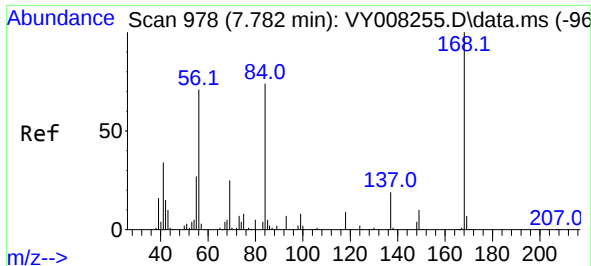
Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY008279.D
Acq: 11 Apr 2022 17:45

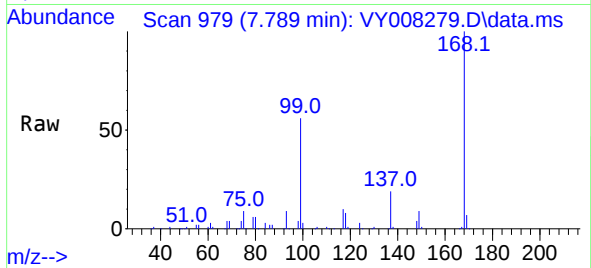
Tgt Ion: 84 Resp: 2913
Ion Ratio Lower Upper
84 100
49 109.6 114.4 171.6#
51 34.0 35.3 52.9#
86 62.4 53.7 80.5



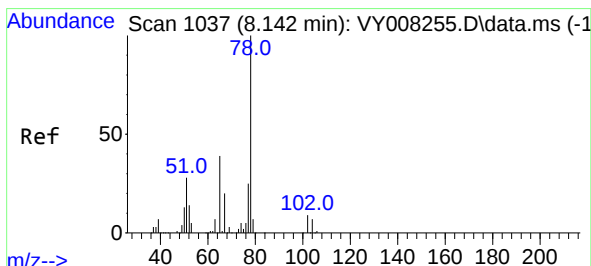
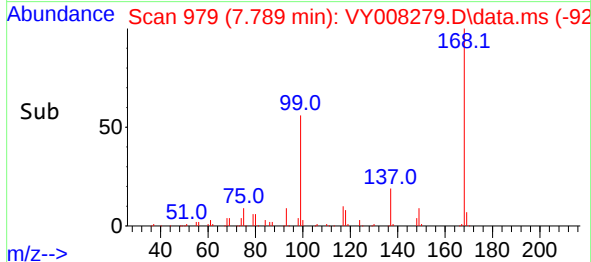
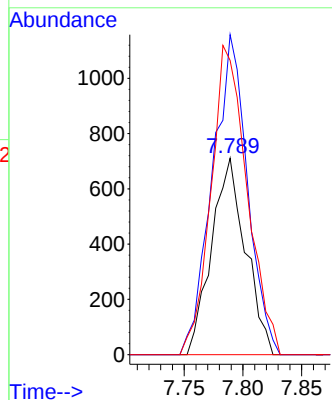


#31
Cyclohexane
Concen: 1.125 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY008279.D
Acq: 11 Apr 2022 17:45

Instrument :
MSVOA_Y
ClientSampleId :

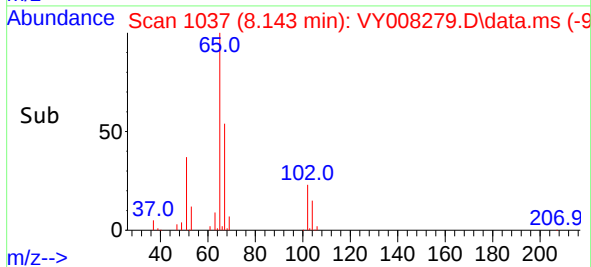
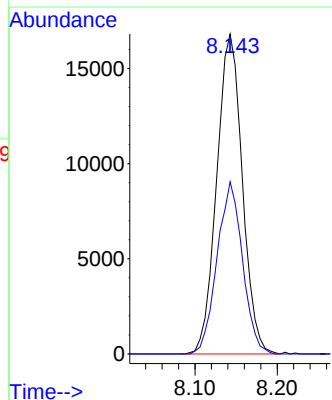
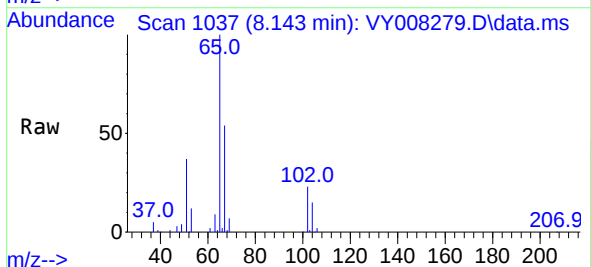


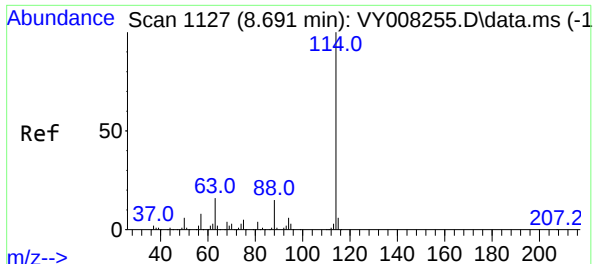
Tgt Ion: 56 Resp: 1432
Ion Ratio Lower Upper
56 100
69 162.9 26.7 40.1#
84 149.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 51.671 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008279.D
Acq: 11 Apr 2022 17:45

Tgt Ion: 65 Resp: 36364
Ion Ratio Lower Upper
65 100
67 53.4 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: VY008279.D

Acq: 11 Apr 2022 17:45

Instrument :

MSVOA_Y

ClientSampleId :

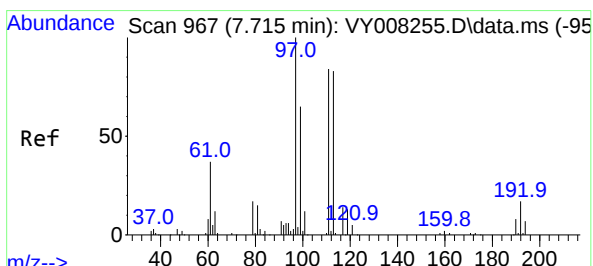
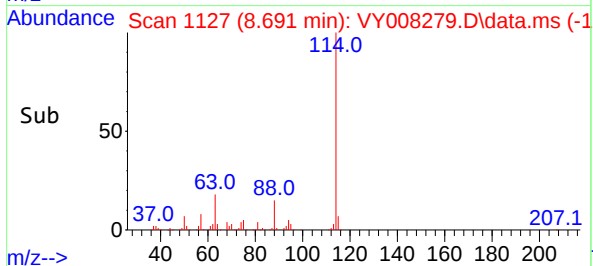
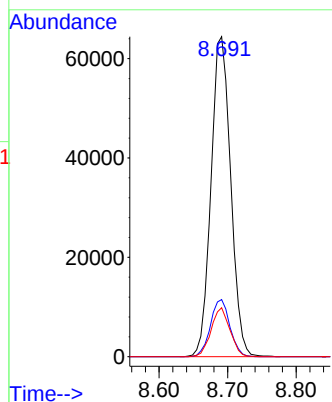
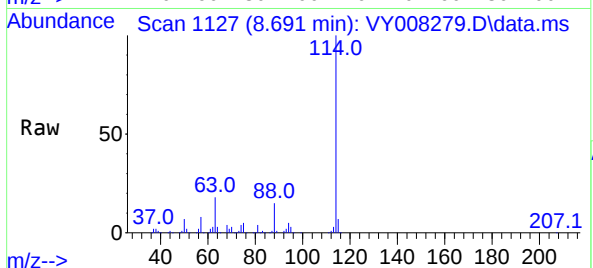
Tgt Ion:114 Resp: 128373

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.686 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008279.D

Acq: 11 Apr 2022 17:45

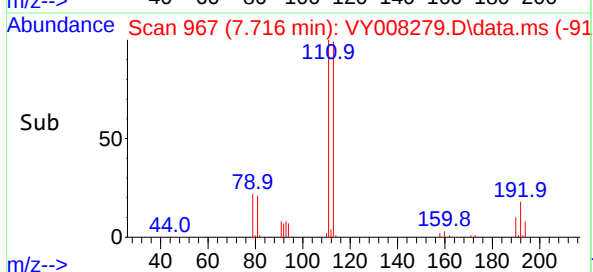
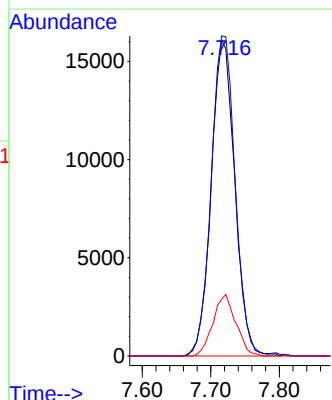
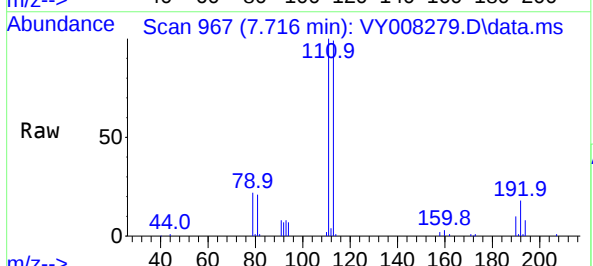
Tgt Ion:113 Resp: 38323

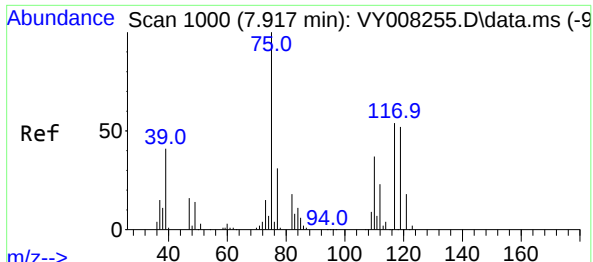
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 18.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.756 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

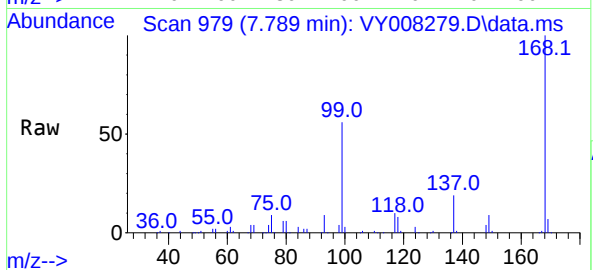
Lab File: VY008279.D

Acq: 11 Apr 2022 17:45

Instrument :

MSVOA_Y

ClientSampleId :



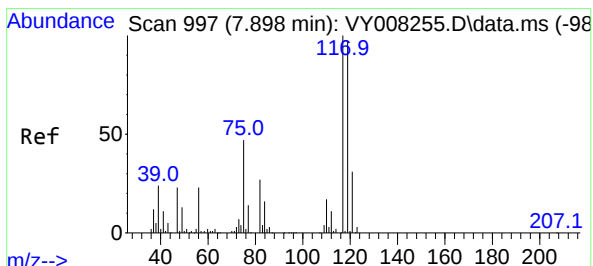
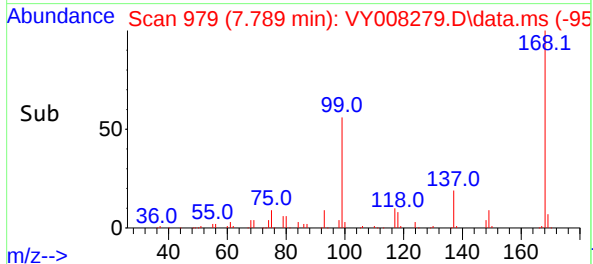
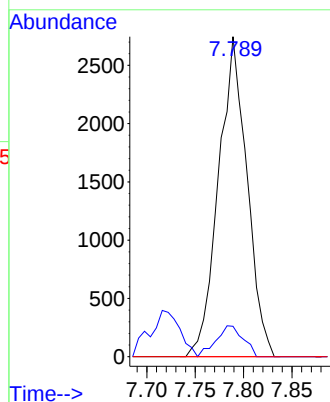
Tgt Ion: 75 Resp: 5631

Ion Ratio Lower Upper

75 100

110 9.2 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.773 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY008279.D

Acq: 11 Apr 2022 17:45

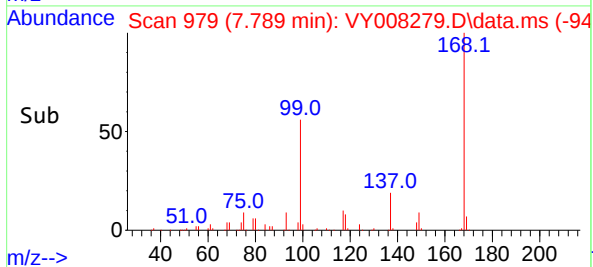
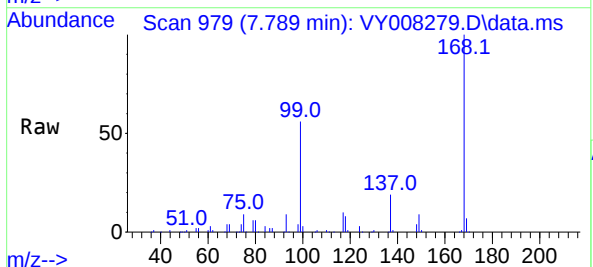
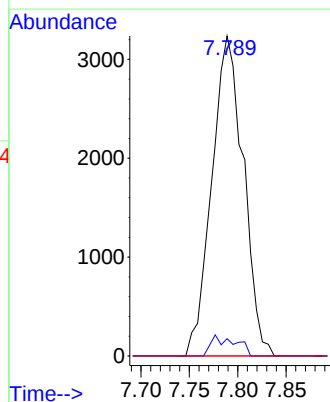
Tgt Ion: 117 Resp: 7353

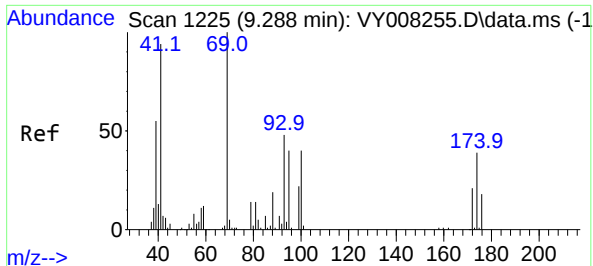
Ion Ratio Lower Upper

117 100

119 5.4 77.9 116.9#

121 0.0 24.8 37.2#





#48

Methyl methacrylate

Concen: 2.954 ug/l

RT: 9.411 min Scan# 1

Delta R.T. 0.123 min

Lab File: VY008279.D

Acq: 11 Apr 2022 17:45

Instrument :

MSVOA_Y

ClientSampleId :

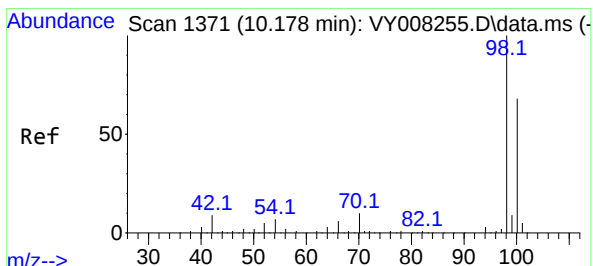
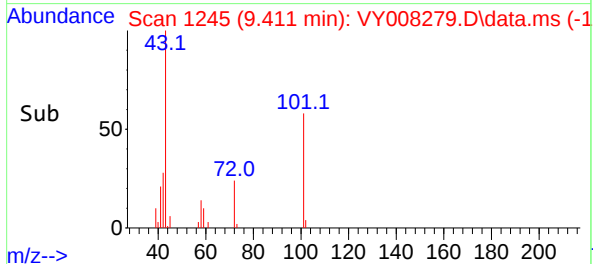
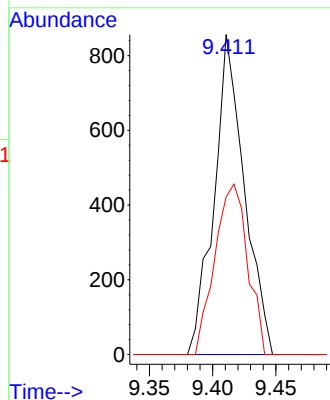
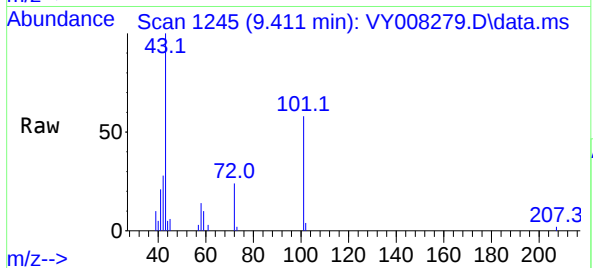
Tgt Ion: 41 Resp: 1423

Ion Ratio Lower Upper

41 100

69 0.0 58.2 87.2#

39 57.6 47.4 71.0



#50

Toluene-d8

Concen: 60.710 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY008279.D

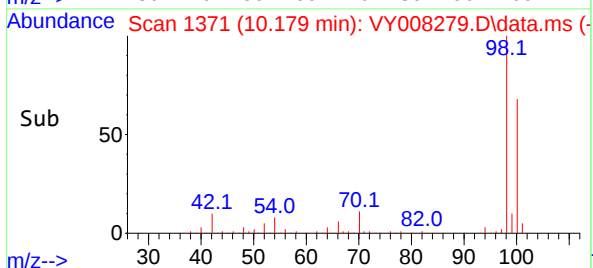
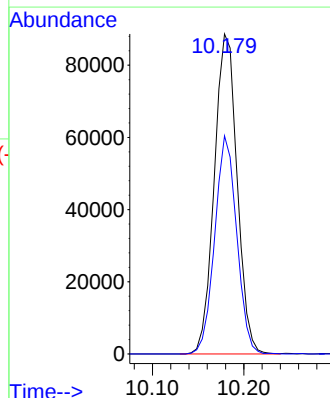
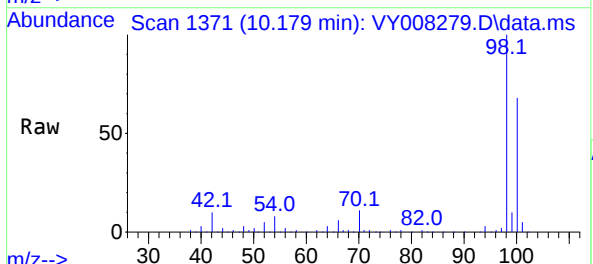
Acq: 11 Apr 2022 17:45

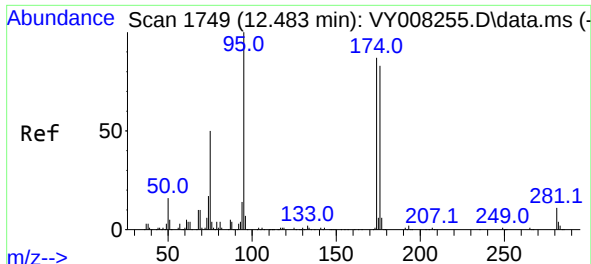
Tgt Ion: 98 Resp: 154030

Ion Ratio Lower Upper

98 100

100 65.5 50.2 75.2

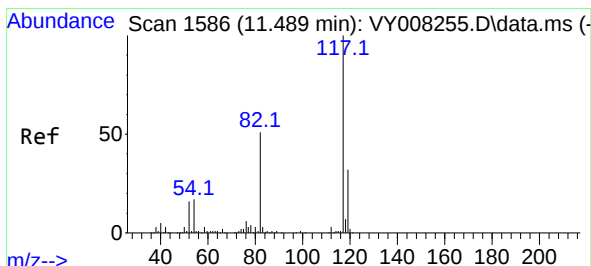
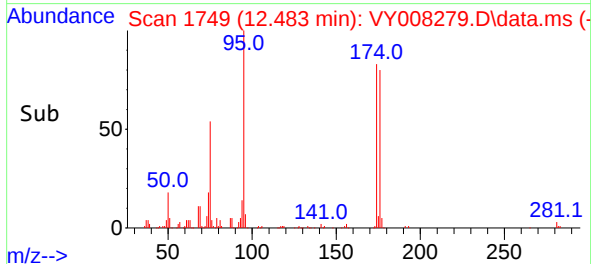
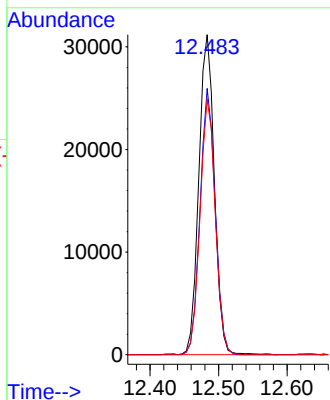
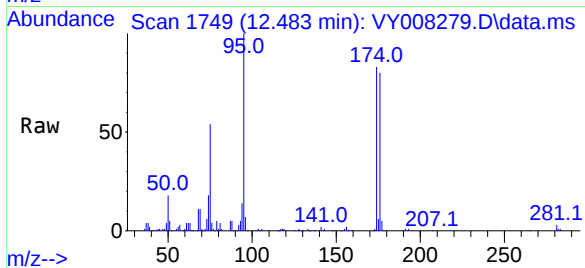




#62
4-Bromofluorobenzene
Concen: 51.527 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008279.D
Acq: 11 Apr 2022 17:45

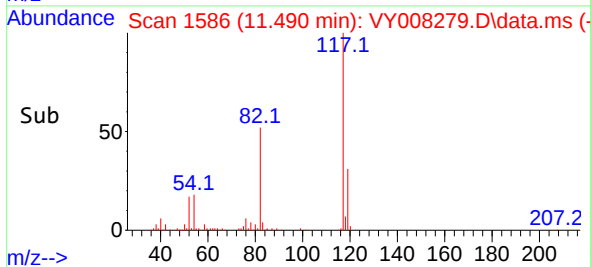
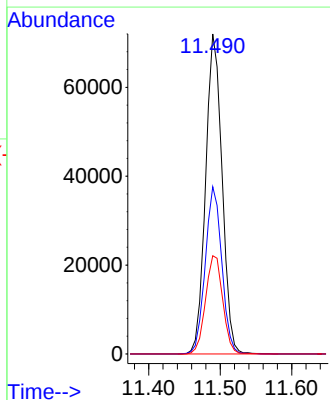
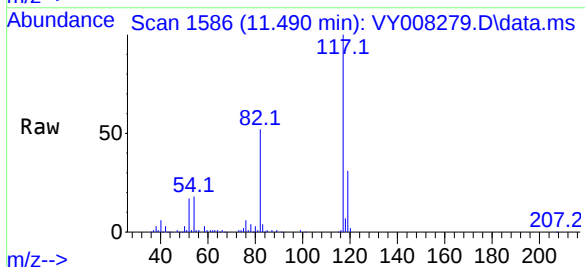
Instrument :
MSVOA_Y
ClientSampleId :

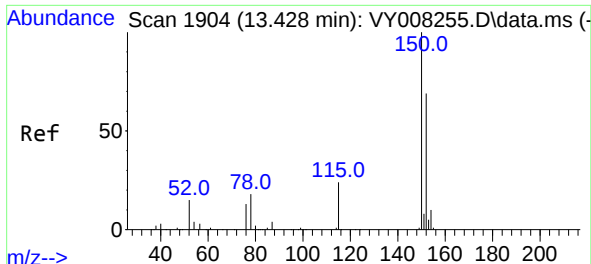
Tgt Ion: 95 Resp: 49171
Ion Ratio Lower Upper
95 100
174 81.5 0.0 177.0
176 78.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008279.D
Acq: 11 Apr 2022 17:45

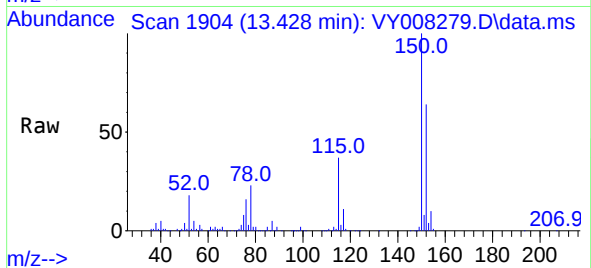
Tgt Ion: 117 Resp: 115065
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 30.7 25.4 38.0



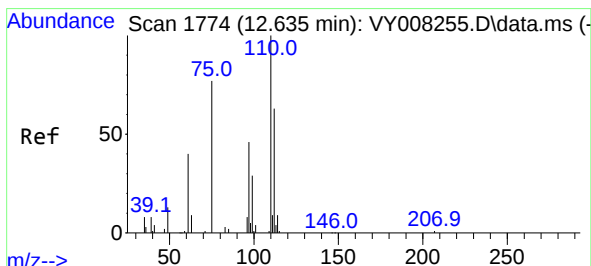
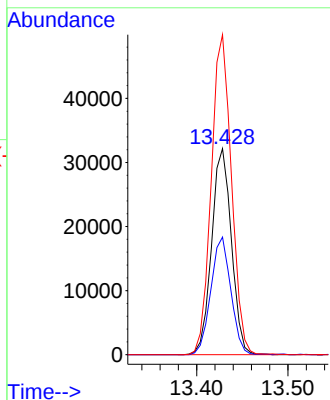
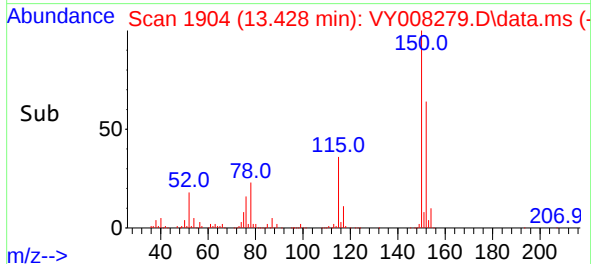


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008279.D
Acq: 11 Apr 2022 17:45

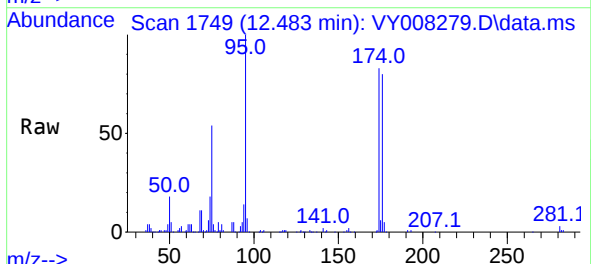
Instrument :
MSVOA_Y
ClientSampleId :



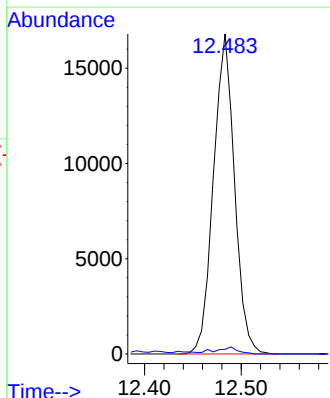
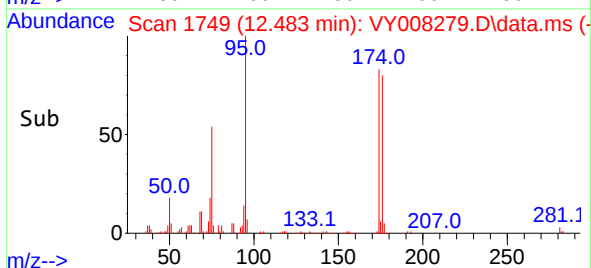
Tgt Ion:152 Resp: 48460
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 158.5 0.0 347.6

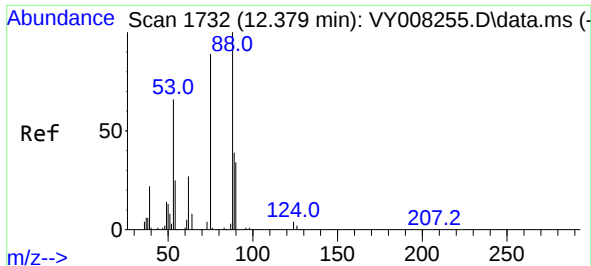


#76
1,2,3-Trichloropropane
Concen: 47.297 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008279.D
Acq: 11 Apr 2022 17:45



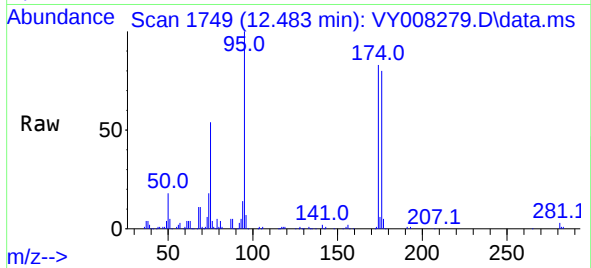
Tgt Ion: 75 Resp: 25349
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.825 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008279.D
 Acq: 11 Apr 2022 17:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	25349
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.2	37.0	55.4#

