

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
 Data File : VY008273.D
 Acq On : 11 Apr 2022 15:19
 Operator : KP/MD
 Sample : N2340-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 12 06:58:43 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)

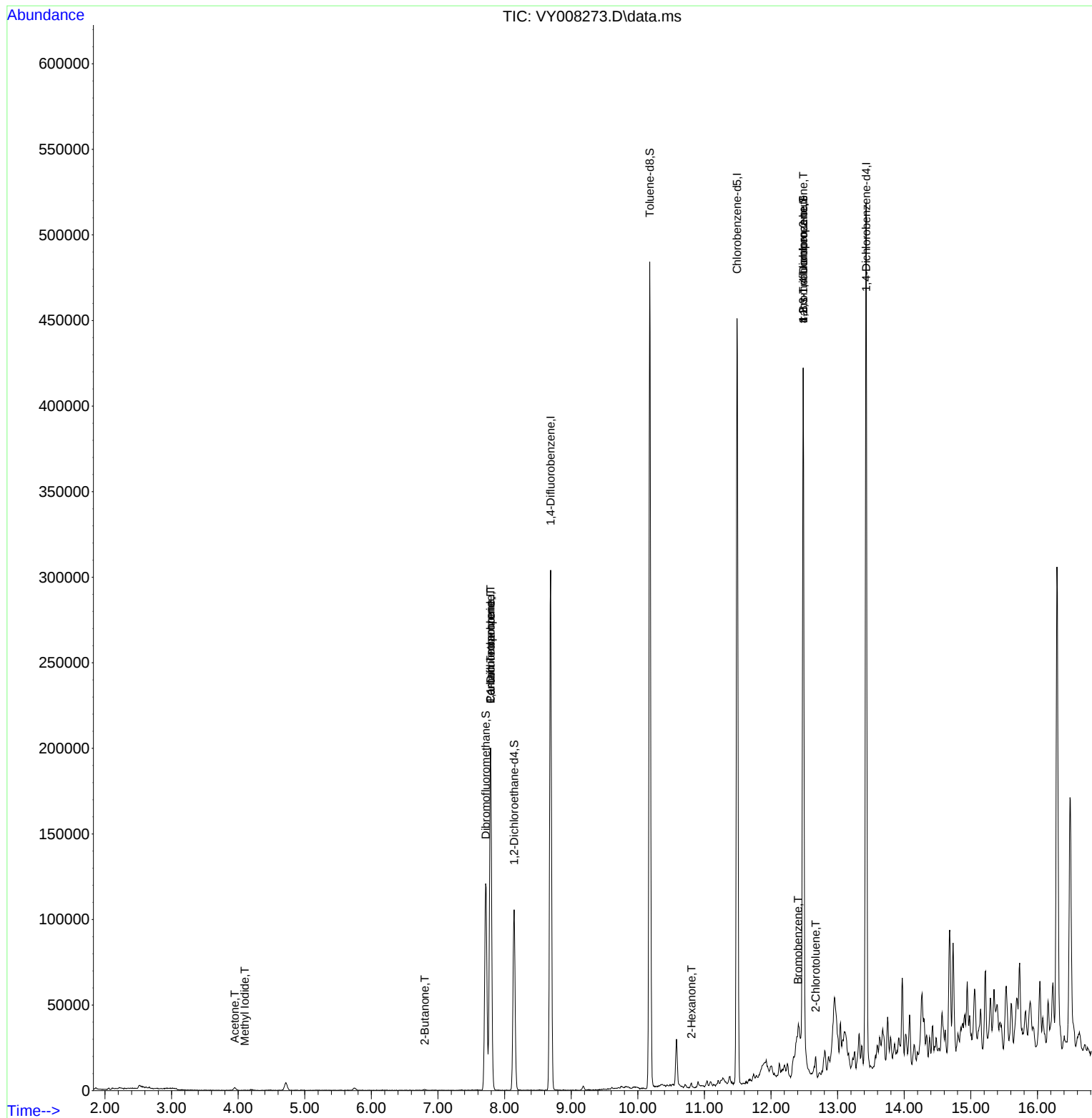
Internal Standards						
1) Pentafluorobenzene	7.789	168	167582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	278917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	271466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	81358	51.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.360%	
35) Dibromofluoromethane	7.716	113	87547	54.344	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.680%	
50) Toluene-d8	10.179	98	325552	59.058	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.120%	
62) 4-Bromofluorobenzene	12.483	95	120708	58.218	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.440%	
Target Compounds						
						Qvalue
3) Chloromethane	2.113	50	491	Below Cal		98
5) Bromomethane	2.662	94	337	Below Cal		94
10) Methyl Iodide	4.101	142	117	2.446	ug/l #	35
16) Acetone	3.948	43	2737	7.229	ug/l #	72
18) Methyl Acetate	4.466	43	298	Below Cal	#	56
20) Methylene Chloride	4.716	84	3856	Below Cal	#	73
25) 2-Butanone	6.801	43	808	1.365	ug/l #	54
36) 1,1-Dichloropropene	7.789	75	10682	4.152	ug/l #	51
38) Carbon Tetrachloride	7.789	117	15969	5.770	ug/l #	15
59) 2-Hexanone	10.807	43	967	1.106	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	59306	39.976	ug/l #	100
77) Bromobenzene	12.404	156	16970	6.944	ug/l #	1
79) 2-Chlorotoluene	12.672	91	9427	1.427	ug/l #	41
81) trans-1,4-Dichloro-2-b...	12.483	75	59306	89.445	ug/l #	7

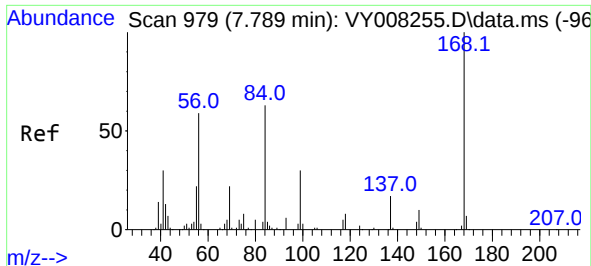
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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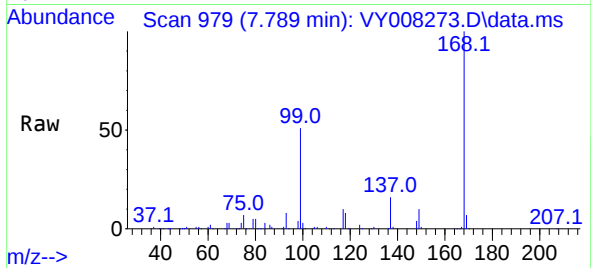
Quant Time: Apr 12 06:58:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration



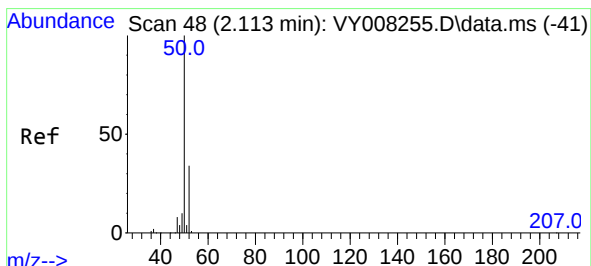
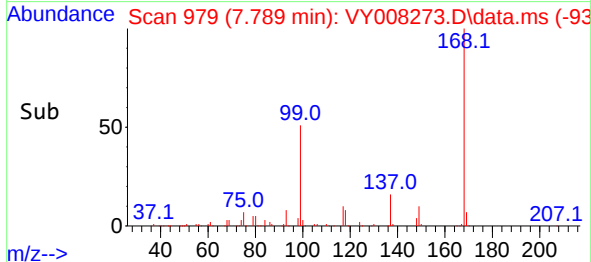
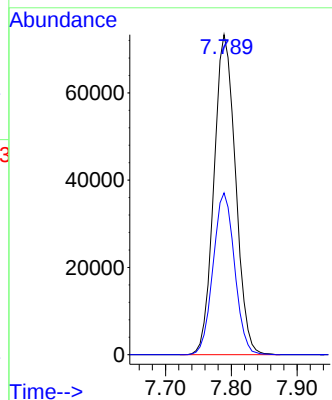


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008273.D
Acq: 11 Apr 2022 15:19

Instrument :
MSVOA_Y
ClientSampleId :

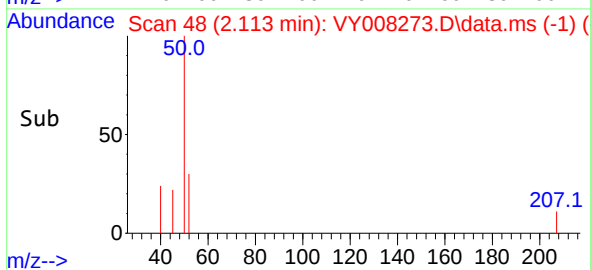
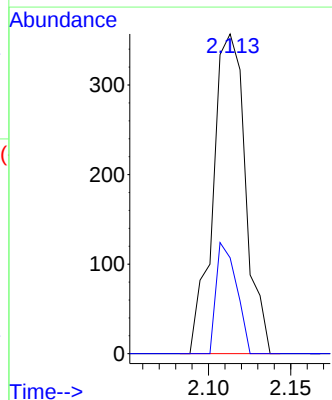
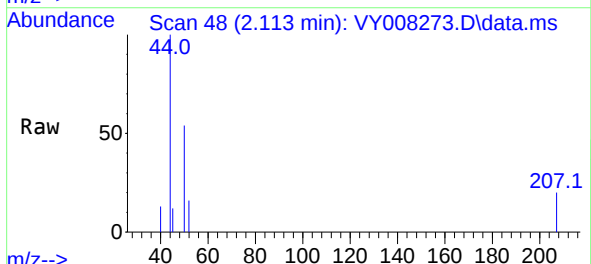


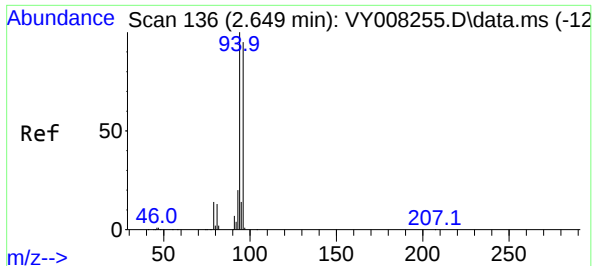
Tgt Ion:168 Resp: 167582
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008273.D
Acq: 11 Apr 2022 15:19

Tgt Ion: 50 Resp: 491
Ion Ratio Lower Upper
50 100
52 30.0 24.6 37.0

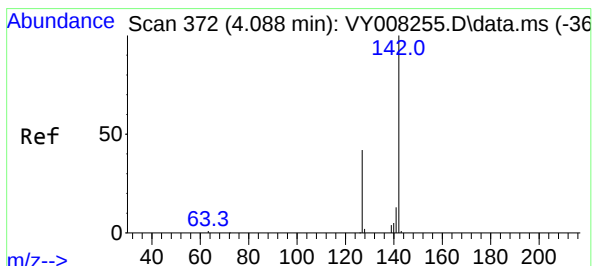
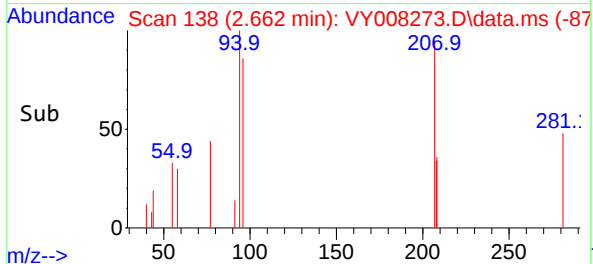
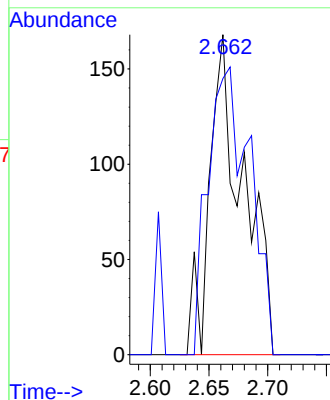
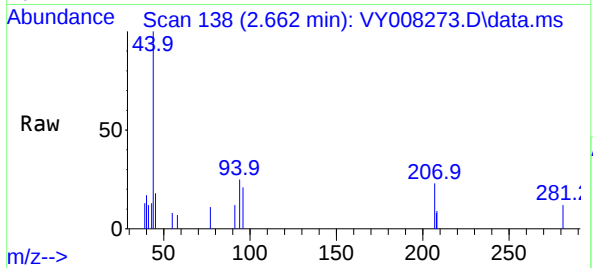




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY008273.D
Acq: 11 Apr 2022 15:19

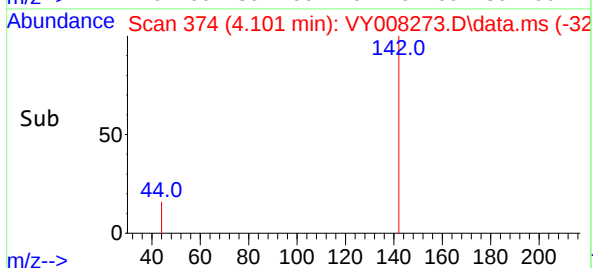
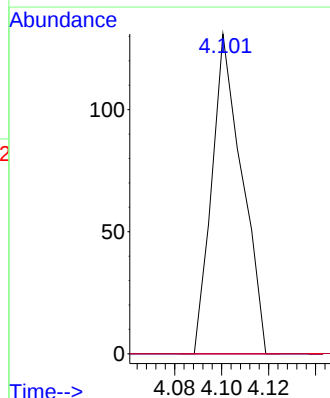
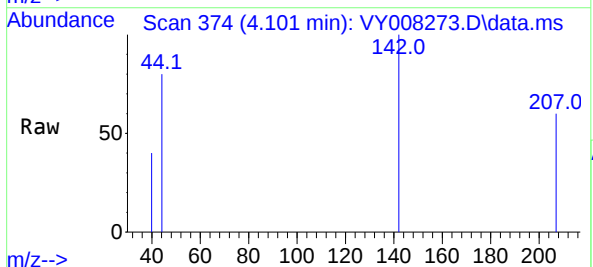
Instrument :
MSVOA_Y
ClientSampleId :

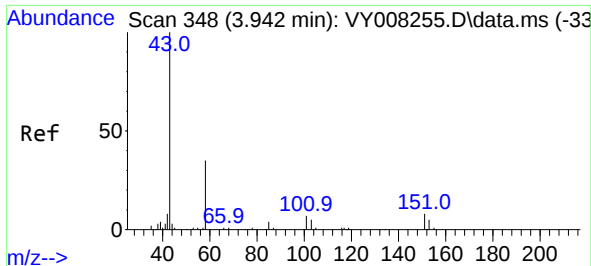
Tgt Ion: 94 Resp: 337
Ion Ratio Lower Upper
94 100
96 86.3 73.5 110.3



#10
Methyl Iodide
Concen: 2.446 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY008273.D
Acq: 11 Apr 2022 15:19

Tgt Ion:142 Resp: 117
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

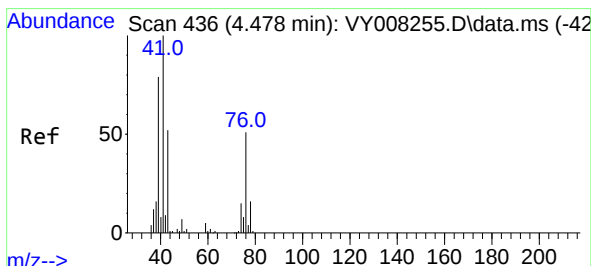
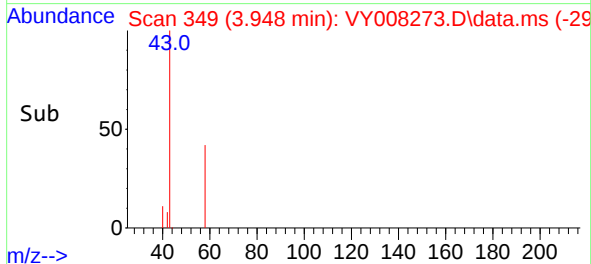
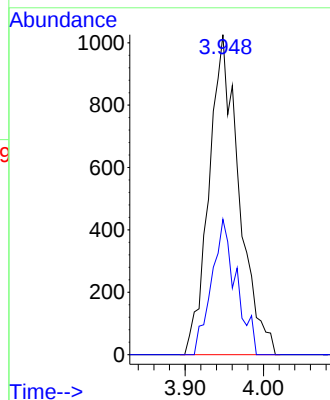
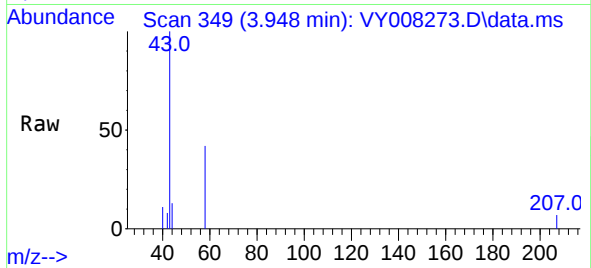




#16
Acetone
Concen: 7.229 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY008273.D
Acq: 11 Apr 2022 15:19

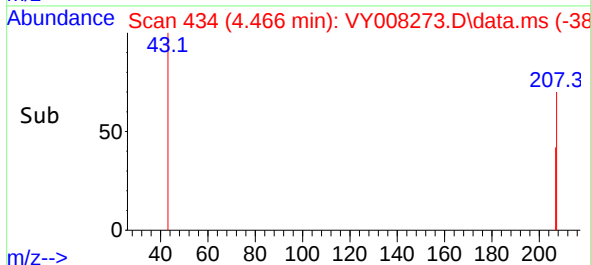
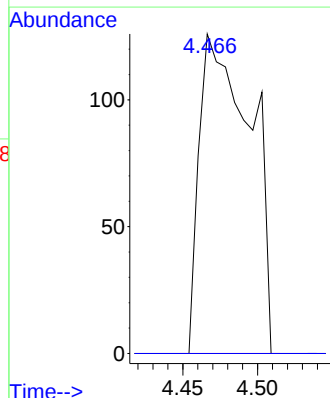
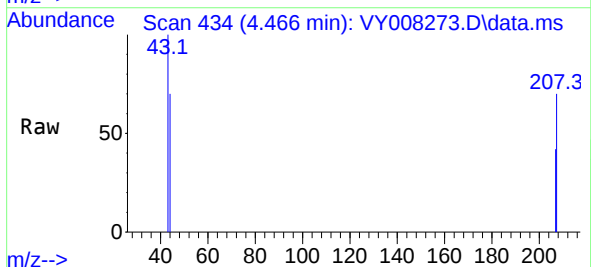
Instrument :
MSVOA_Y
ClientSampleId :

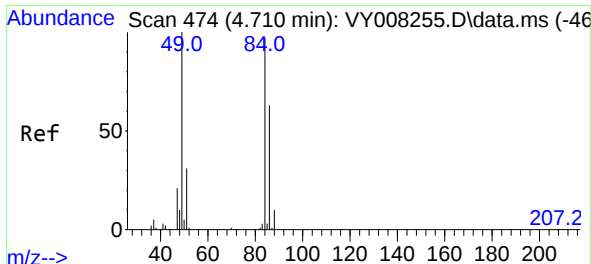
Tgt Ion: 43 Resp: 2737
Ion Ratio Lower Upper
43 100
58 42.3 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY008273.D
Acq: 11 Apr 2022 15:19

Tgt Ion: 43 Resp: 298
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. 0.006 min

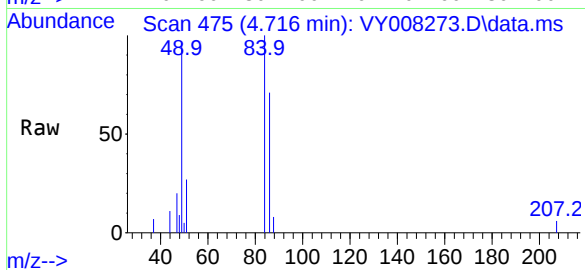
Lab File: VY008273.D

Acq: 11 Apr 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 3856

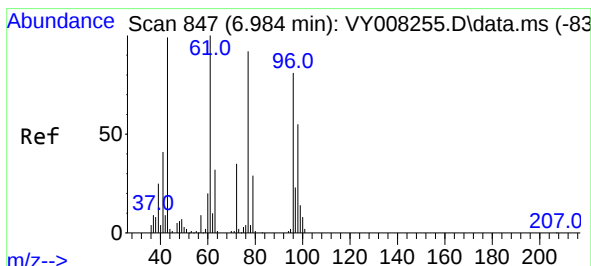
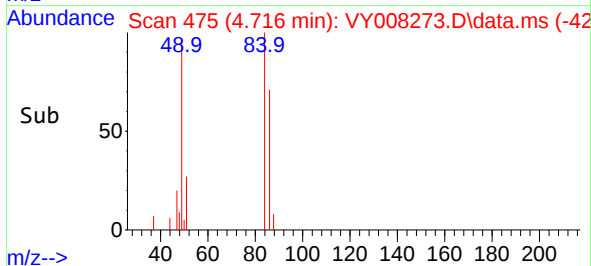
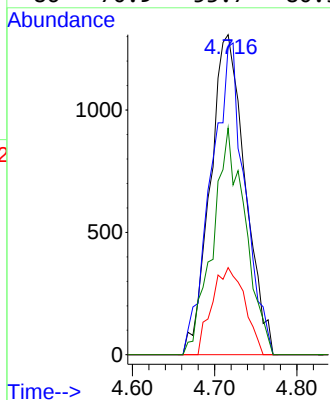
Ion Ratio Lower Upper

84 100

49 96.2 114.4 171.6#

51 27.2 35.3 52.9#

86 70.9 53.7 80.5



#25

2-Butanone

Concen: 1.365 ug/l

RT: 6.801 min Scan# 817

Delta R.T. -0.183 min

Lab File: VY008273.D

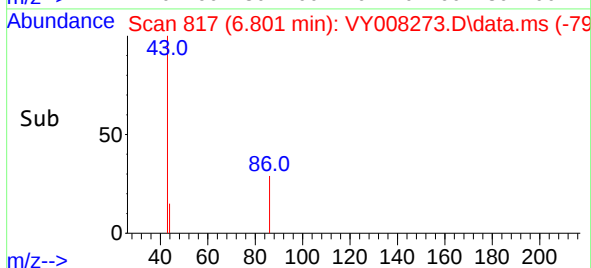
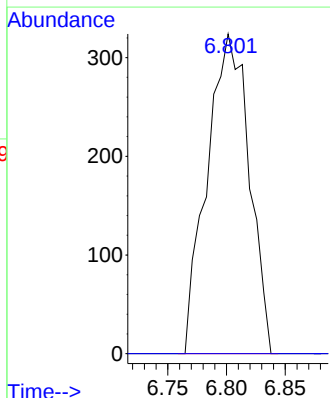
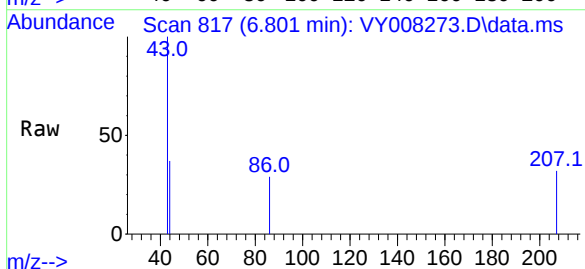
Acq: 11 Apr 2022 15:19

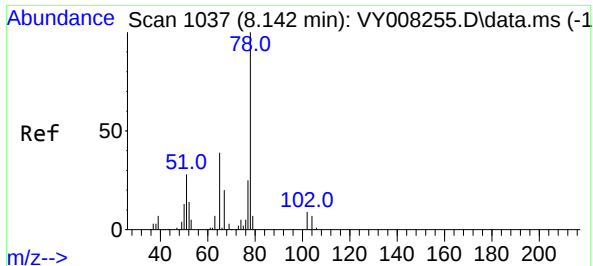
Tgt Ion: 43 Resp: 808

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#

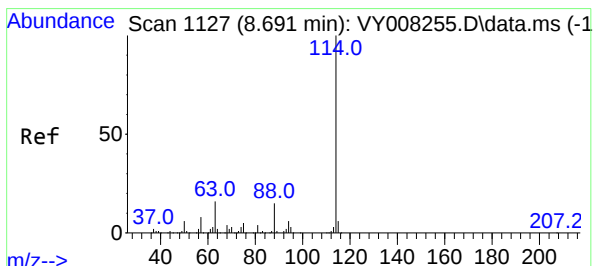
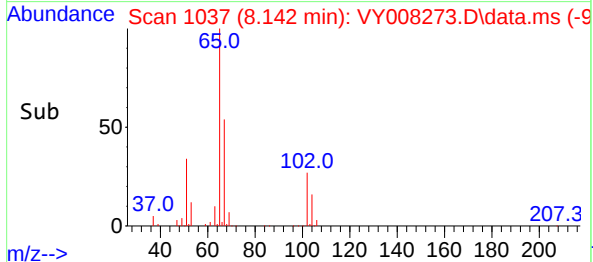
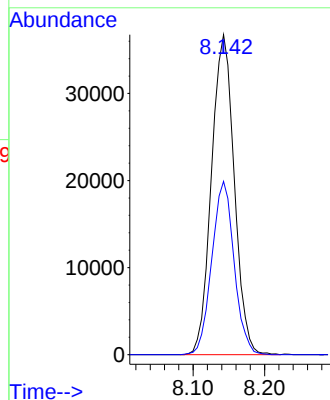
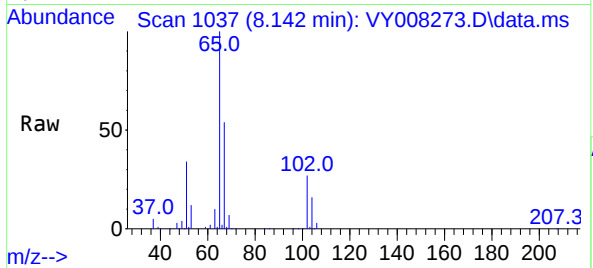




#33
1,2-Dichloroethane-d4
Concen: 51.684 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008273.D
Acq: 11 Apr 2022 15:19

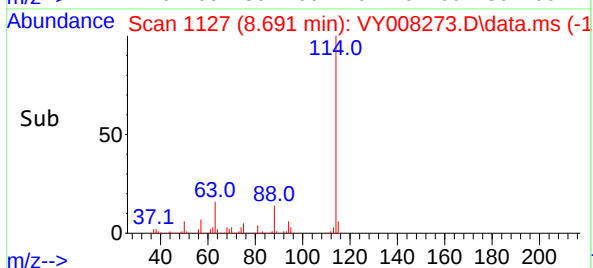
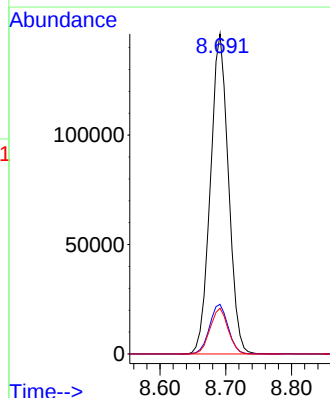
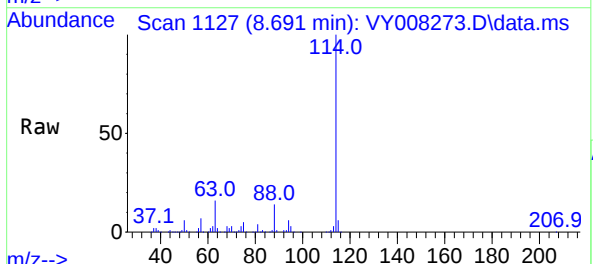
Instrument :
MSVOA_Y
ClientSampleId :

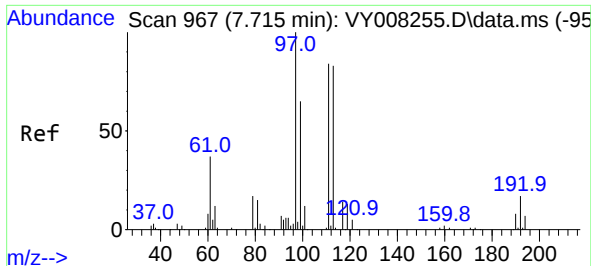
Tgt Ion: 65 Resp: 81358
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008273.D
Acq: 11 Apr 2022 15:19

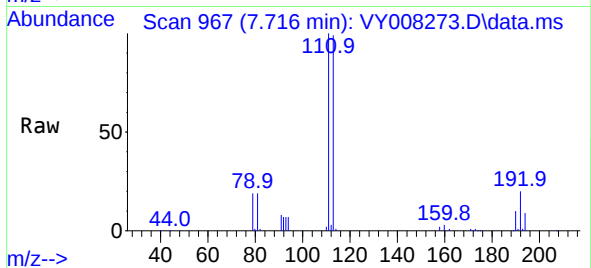
Tgt Ion: 114 Resp: 278917
Ion Ratio Lower Upper
114 100
63 15.5 0.0 43.2
88 14.3 0.0 31.8



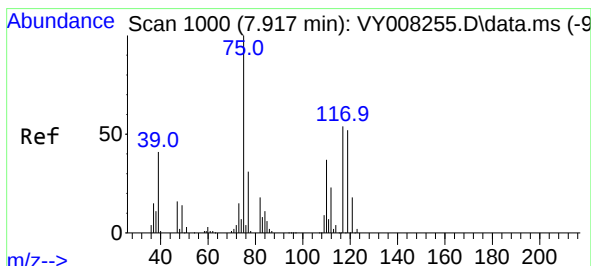
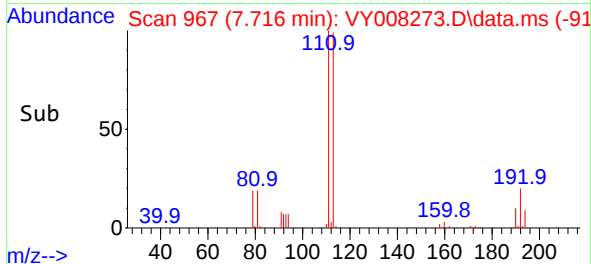
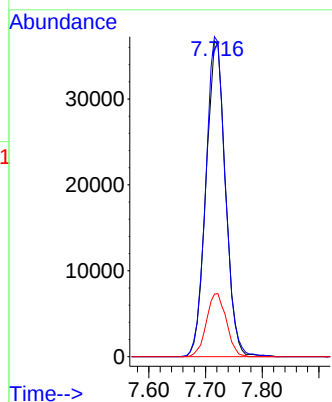


#35
Dibromofluoromethane
Concen: 54.344 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.001 min
Lab File: VY008273.D
Acq: 11 Apr 2022 15:19

Instrument :
MSVOA_Y
ClientSampleId :

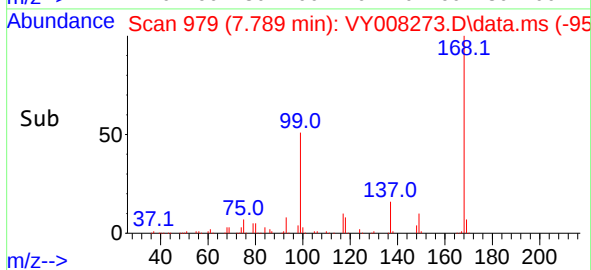
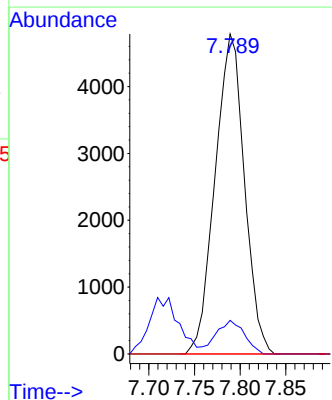
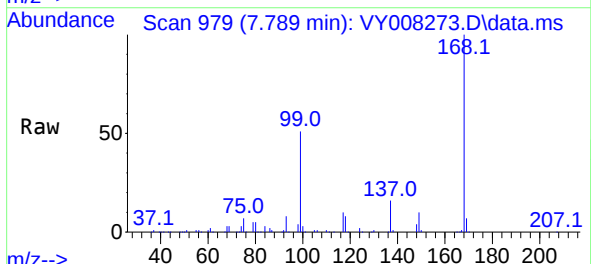


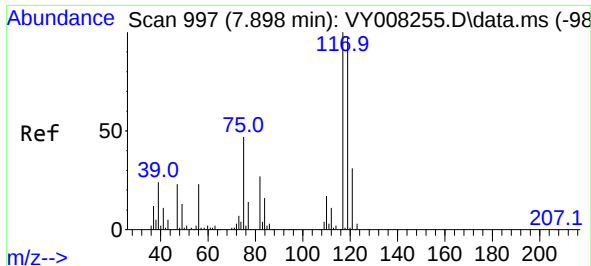
Tgt Ion:113 Resp: 87547
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 20.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.152 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008273.D
Acq: 11 Apr 2022 15:19

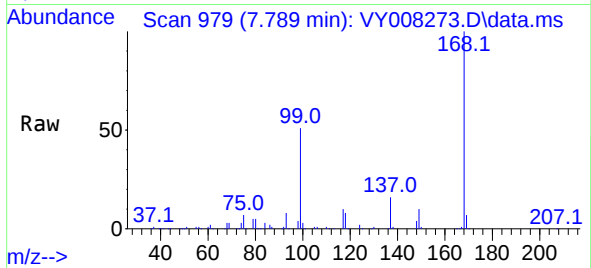
Tgt Ion: 75 Resp: 10682
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#



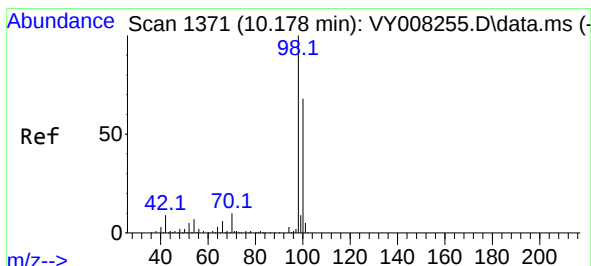
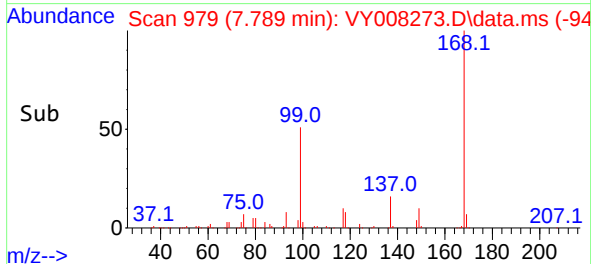
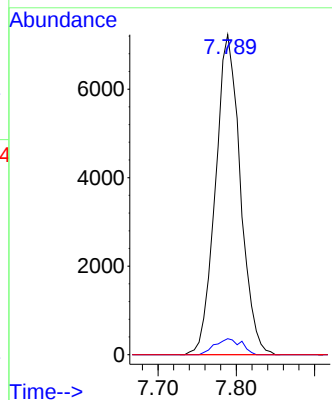


#38
Carbon Tetrachloride
Concen: 5.770 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008273.D
Acq: 11 Apr 2022 15:19

Instrument :
MSVOA_Y
ClientSampleId :

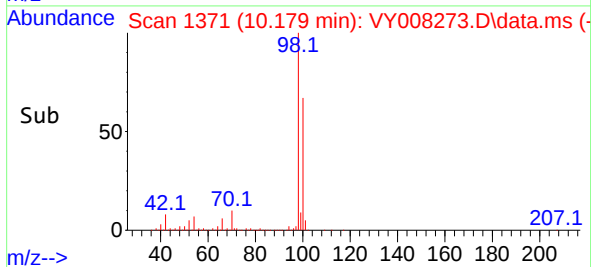
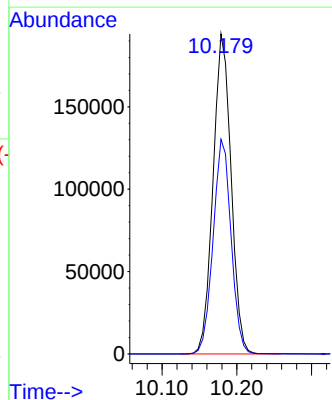
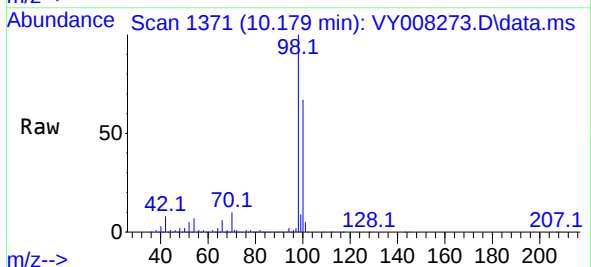


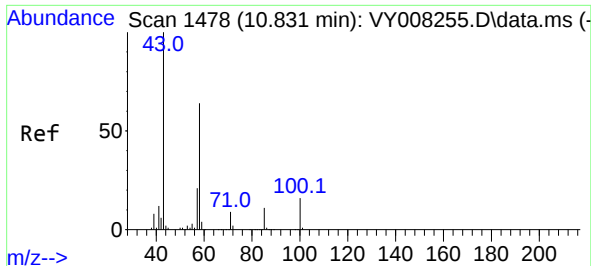
Tgt Ion:117 Resp: 15969
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 59.058 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008273.D
Acq: 11 Apr 2022 15:19

Tgt Ion: 98 Resp: 325552
Ion Ratio Lower Upper
98 100
100 66.8 50.2 75.2

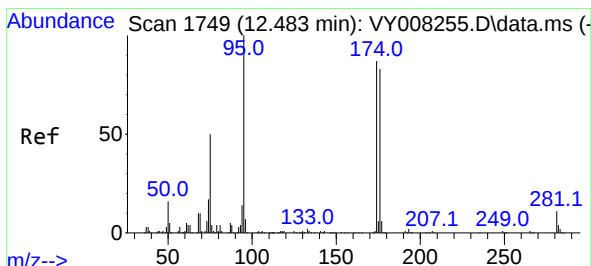
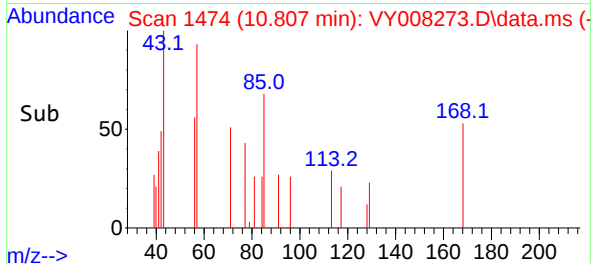
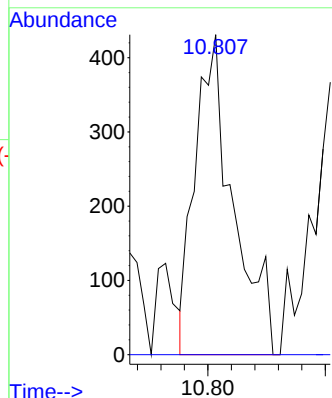
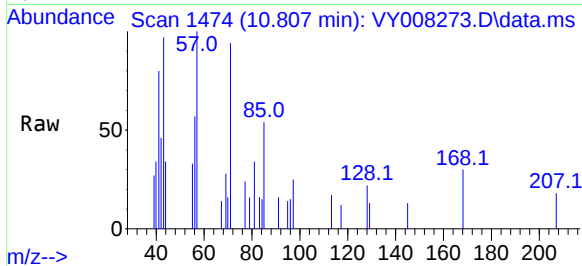




#59
2-Hexanone
Concen: 1.106 ug/l
RT: 10.807 min Scan# 1478
Delta R.T. -0.024 min
Lab File: VY008273.D
Acq: 11 Apr 2022 15:19

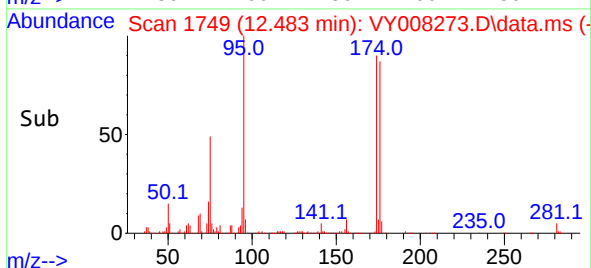
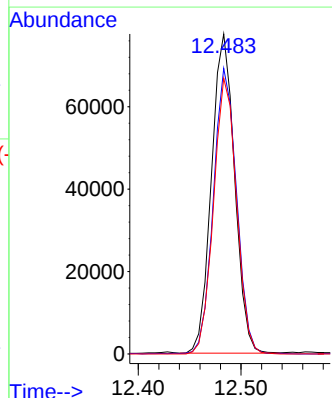
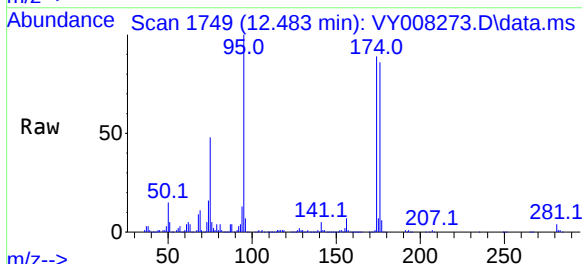
Instrument :
MSVOA_Y
ClientSampleId :

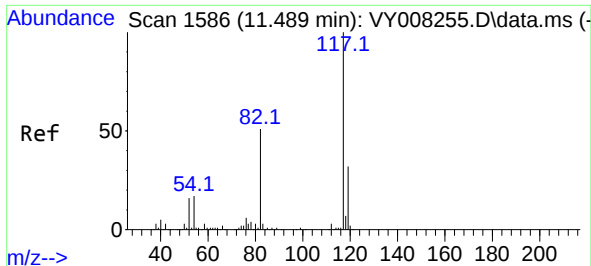
Tgt Ion: 43 Resp: 967
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 58.218 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008273.D
Acq: 11 Apr 2022 15:19

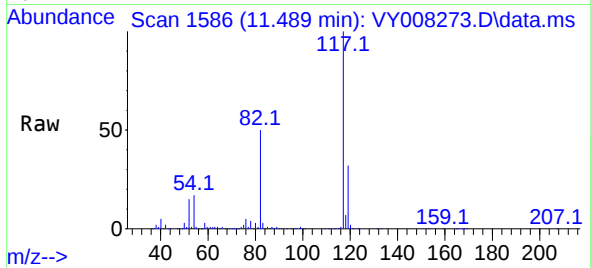
Tgt Ion: 95 Resp: 120708
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.0
176 86.0 0.0 175.8



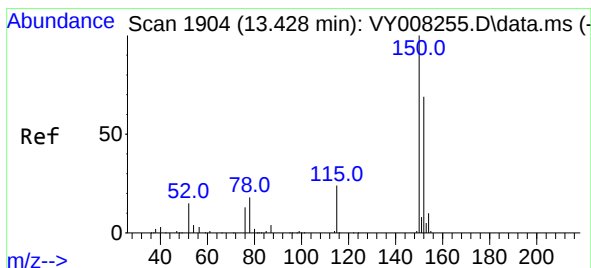
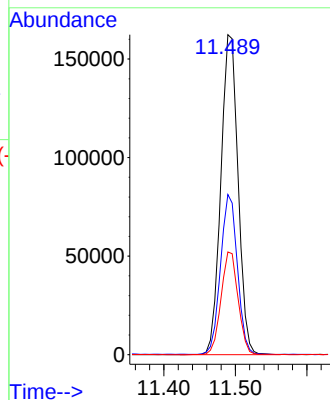
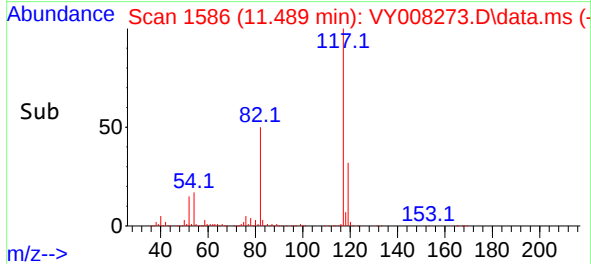


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008273.D
Acq: 11 Apr 2022 15:19

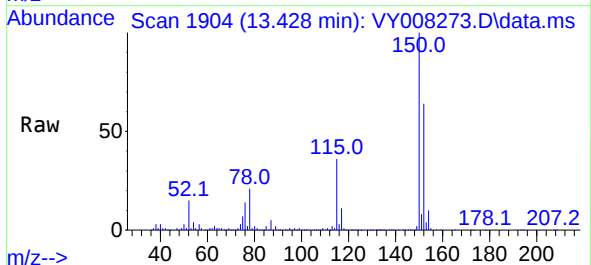
Instrument :
MSVOA_Y
ClientSampleId :



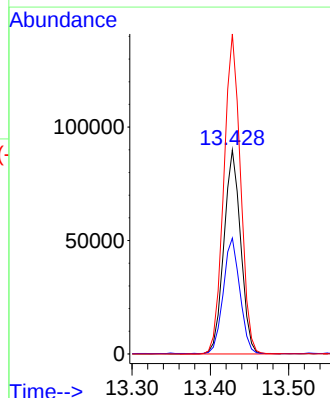
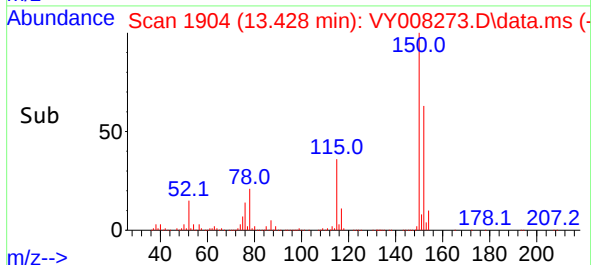
Tgt Ion:117 Resp: 271466
Ion Ratio Lower Upper
117 100
82 50.0 43.0 64.4
119 32.1 25.4 38.0

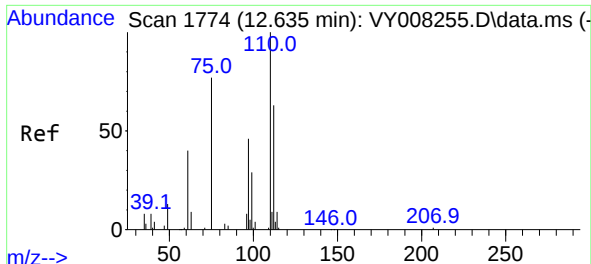


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008273.D
Acq: 11 Apr 2022 15:19



Tgt Ion:152 Resp: 134138
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 156.3 0.0 347.6

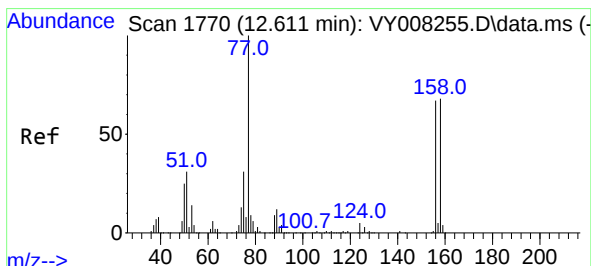
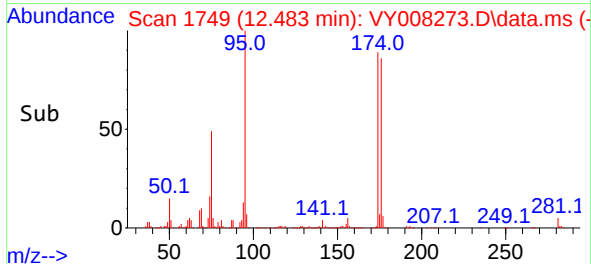
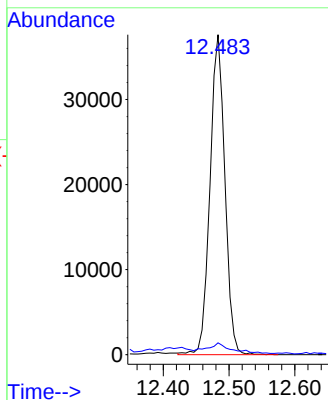
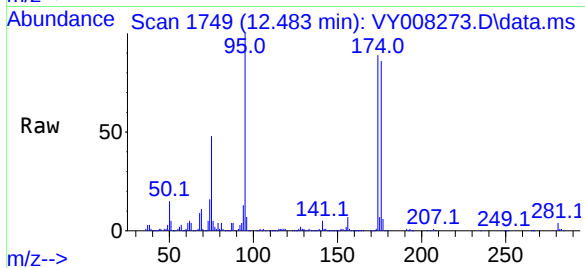




#76
1,2,3-Trichloropropane
Concen: 39.976 ug/l
RT: 12.483 min Scan# 1736
Delta R.T. -0.152 min
Lab File: VY008273.D
Acq: 11 Apr 2022 15:19

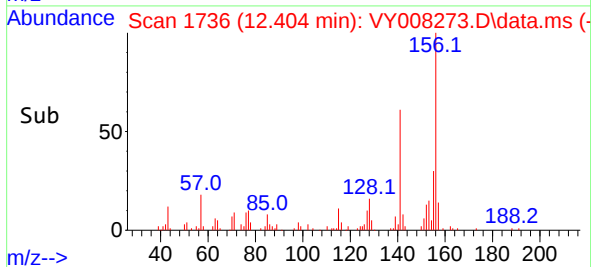
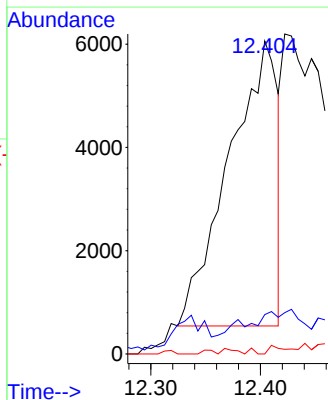
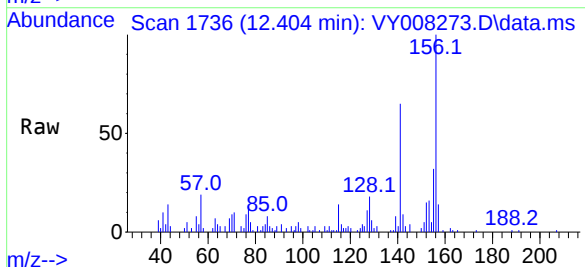
Instrument :
MSVOA_Y
ClientSampleId :

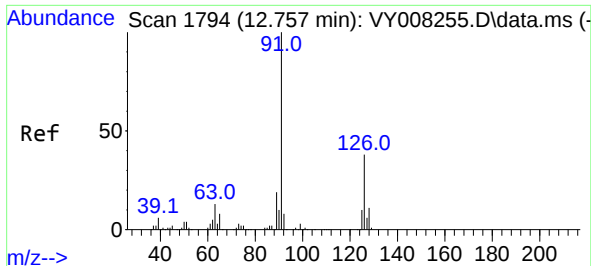
Tgt Ion: 75 Resp: 59306
Ion Ratio Lower Upper
75 100
77 5.1 0.0 0.0#



#77
Bromobenzene
Concen: 6.944 ug/l
RT: 12.404 min Scan# 1736
Delta R.T. -0.207 min
Lab File: VY008273.D
Acq: 11 Apr 2022 15:19

Tgt Ion:156 Resp: 16970
Ion Ratio Lower Upper
156 100
77 1.4 95.5 286.4#
158 0.8 48.0 144.0#

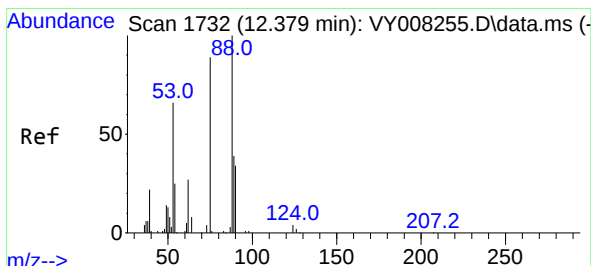
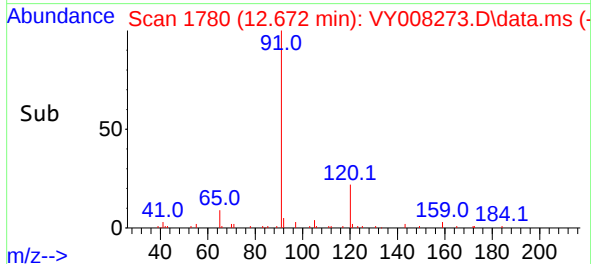
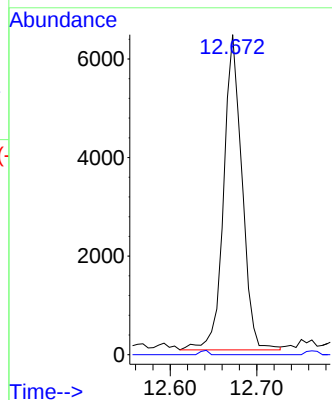
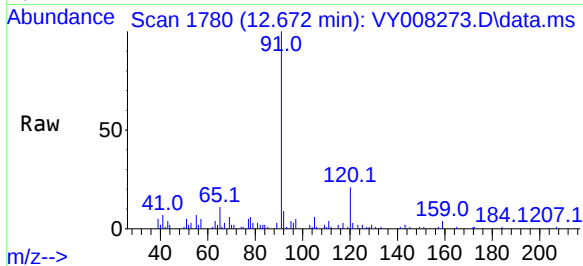




#79
2-Chlorotoluene
Concen: 1.427 ug/l
RT: 12.672 min Scan# 11
Delta R.T. -0.085 min
Lab File: VY008273.D
Acq: 11 Apr 2022 15:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 91 Resp: 9427
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.445 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008273.D
Acq: 11 Apr 2022 15:19

Tgt Ion: 75 Resp: 59306
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.4 37.0 55.4#

