

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007842.D
 Acq On : 11 Mar 2022 10:13
 Operator : SY/MD
 Sample : VY0311SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBL01

Quant Time: Mar 11 23:19:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

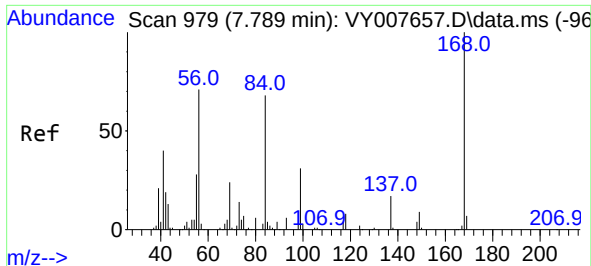
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	214187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	377330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	345817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	137444	61.295	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.580%			
35) Dibromofluoromethane	7.722	113	127782	52.969	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.940%			
50) Toluene-d8	10.179	98	460506	51.858	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.720%			
62) 4-Bromofluorobenzene	12.483	95	138148	48.262	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	102	Below Cal	#	43
3) Chloromethane	2.113	50	1255	Below Cal		92
13) Acrolein	3.844	56	32	Below Cal		89
16) Acetone	3.942	43	769	1.686	ug/l	92
17) Carbon Disulfide	4.198	76	61	Below Cal	#	75
18) Methyl Acetate	4.491	43	192	Below Cal	#	56
20) Methylene Chloride	4.710	84	4451	Below Cal	#	84
31) Cyclohexane	7.789	56	5140	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	17659	4.653	ug/l #	51
38) Carbon Tetrachloride	7.789	117	20315	5.018	ug/l #	17
49) 1,4-Dioxane	9.161	88	27	1.364	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	83062	48.922	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	83062	100.015	ug/l #	8

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

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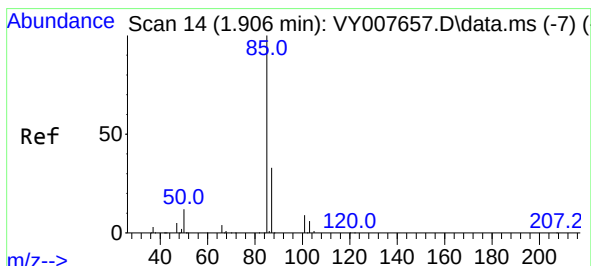
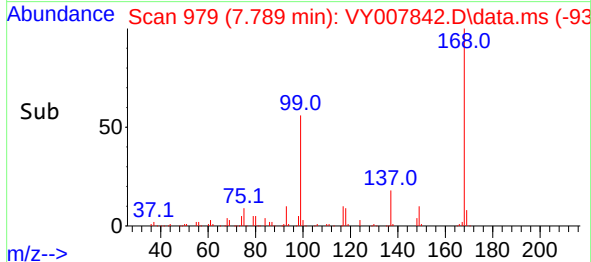
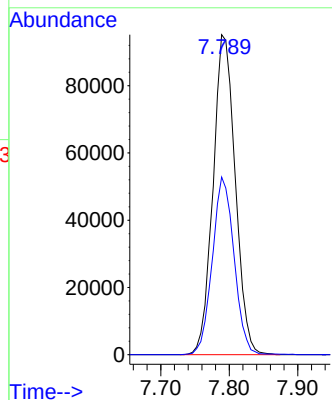
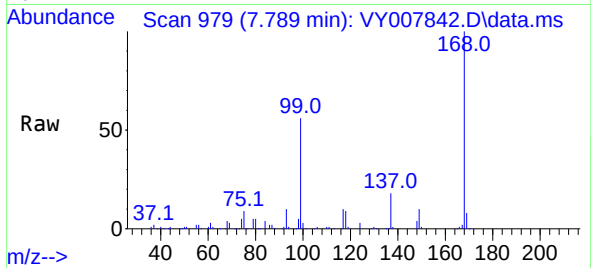




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007842.D
Acq: 11 Mar 2022 10:13

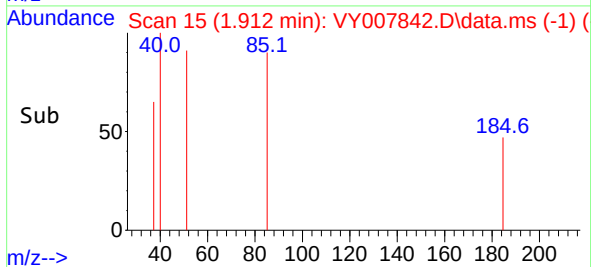
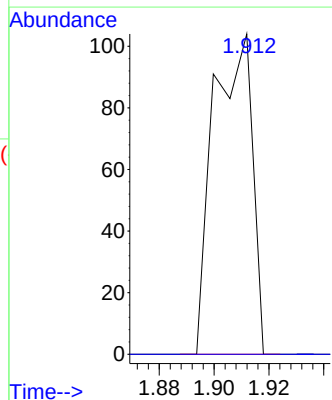
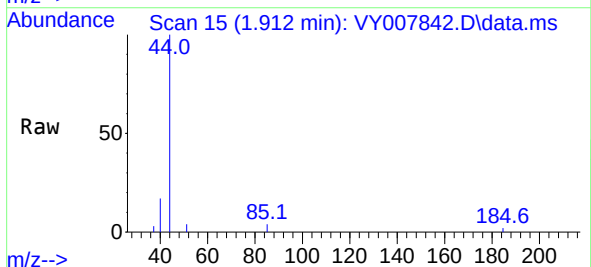
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

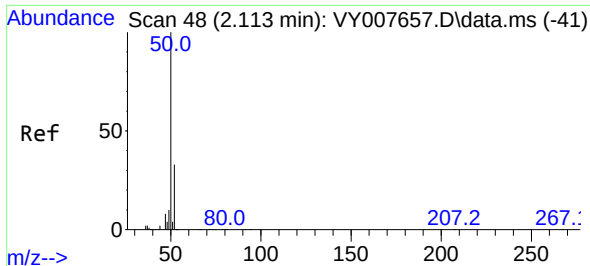
Tgt Ion:168 Resp: 214187
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007842.D
Acq: 11 Mar 2022 10:13

Tgt Ion: 85 Resp: 102
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

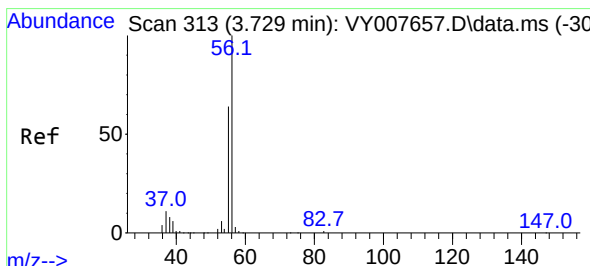
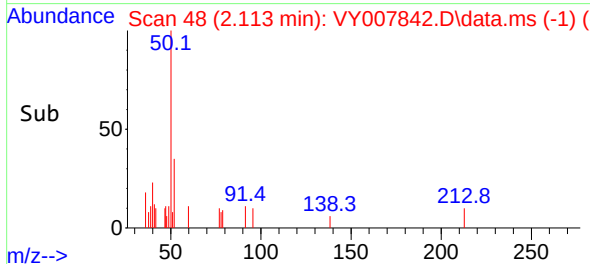
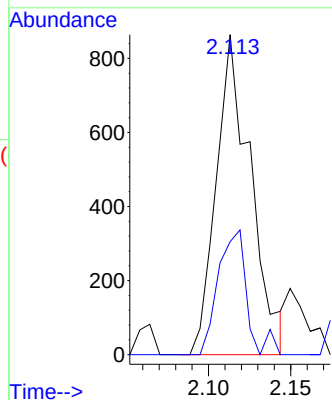
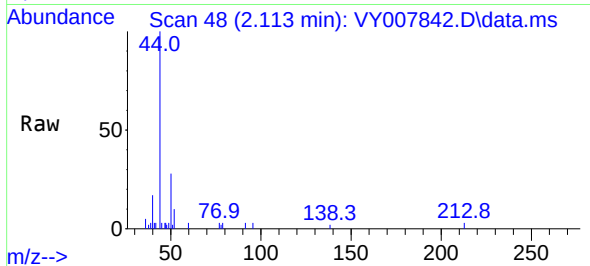




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007842.D
Acq: 11 Mar 2022 10:13

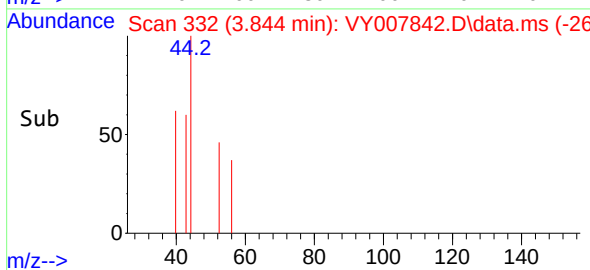
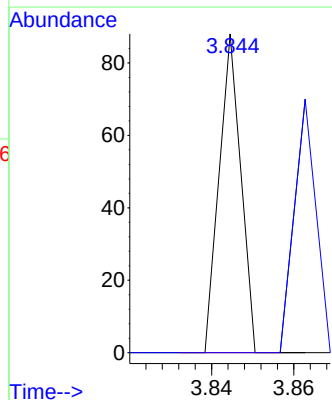
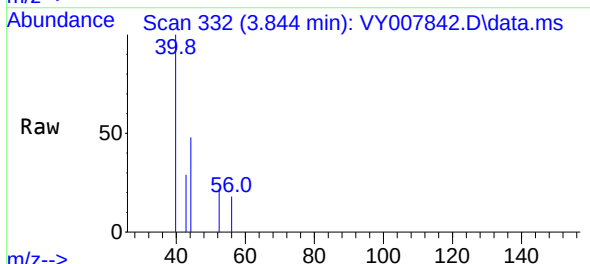
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

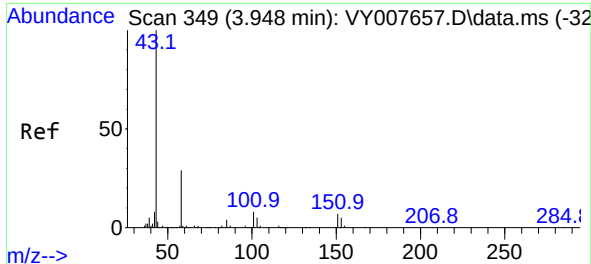
Tgt Ion: 50 Resp: 1255
Ion Ratio Lower Upper
50 100
52 35.3 24.6 37.0



#13
Acrolein
Concen: Below Cal
RT: 3.844 min Scan# 332
Delta R.T. 0.115 min
Lab File: VY007842.D
Acq: 11 Mar 2022 10:13

Tgt Ion: 56 Resp: 32
Ion Ratio Lower Upper
56 100
55 81.3 57.6 86.4





#16

Acetone

Concen: 1.686 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY007842.D

Acq: 11 Mar 2022 10:13

Instrument :

MSVOA_Y

ClientSampleId :

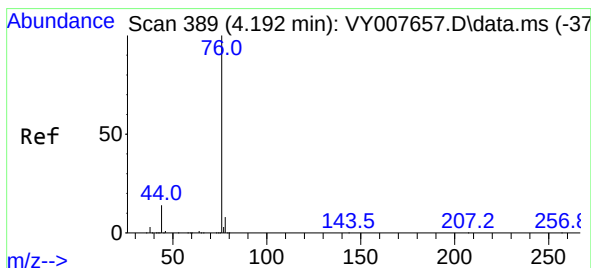
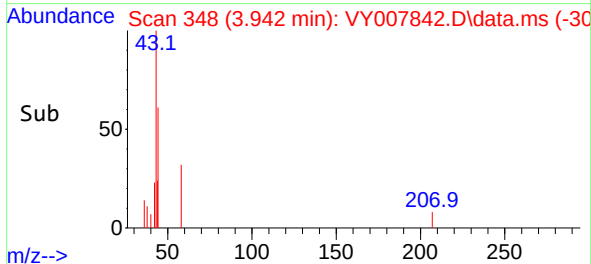
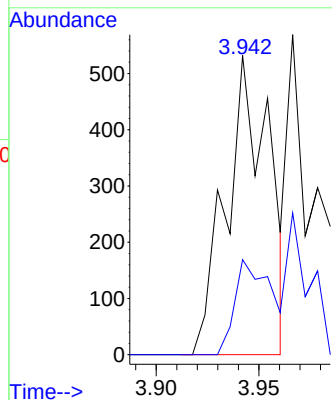
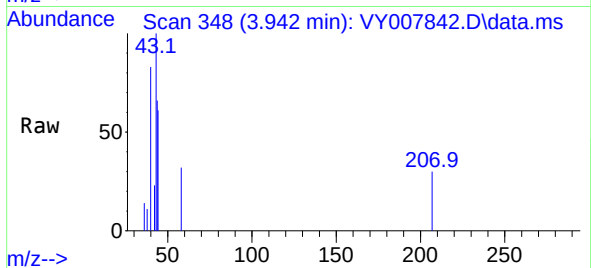
VY0311SBL01

Tgt Ion: 43 Resp: 769

Ion Ratio Lower Upper

43 100

58 31.8 22.0 33.0



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.198 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY007842.D

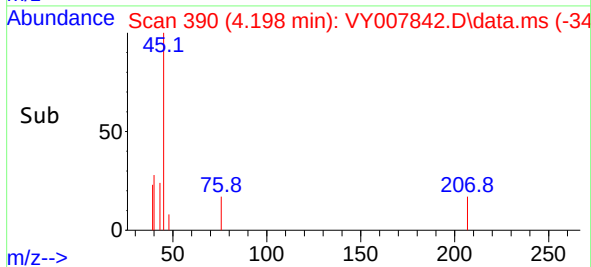
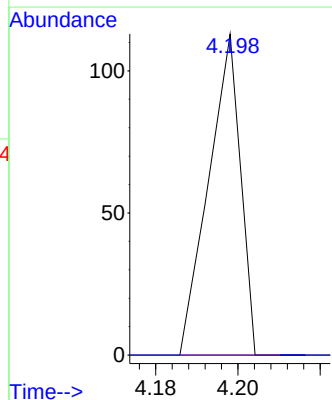
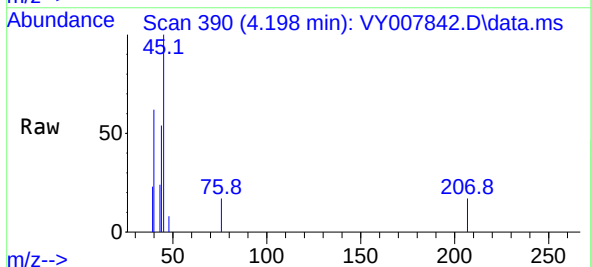
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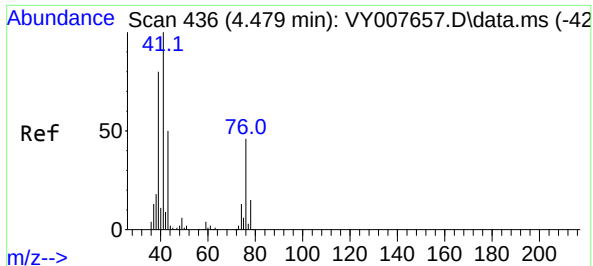
Tgt Ion: 76 Resp: 61

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.491 min Scan# 41

Delta R.T. 0.012 min

Lab File: VY007842.D

Acq: 11 Mar 2022 10:13

Instrument :

MSVOA_Y

ClientSampleId :

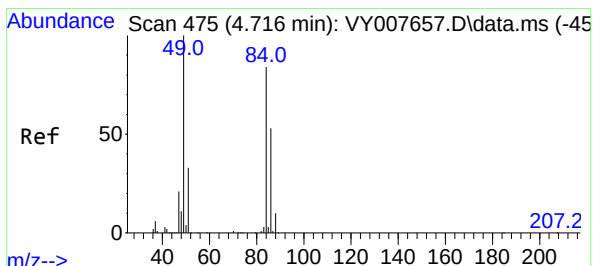
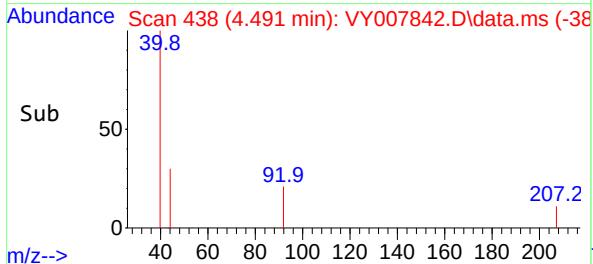
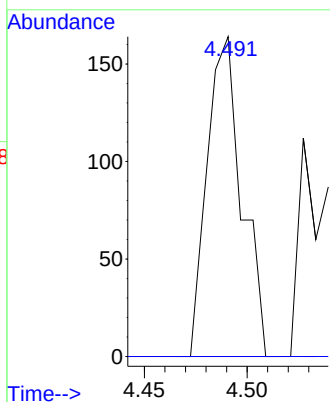
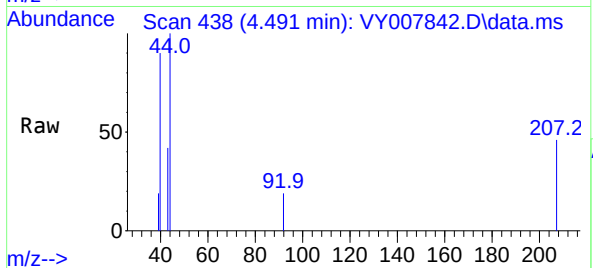
VY0311SBL01

Tgt Ion: 43 Resp: 192

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY007842.D

Acq: 11 Mar 2022 10:13

Tgt Ion: 84 Resp: 4451

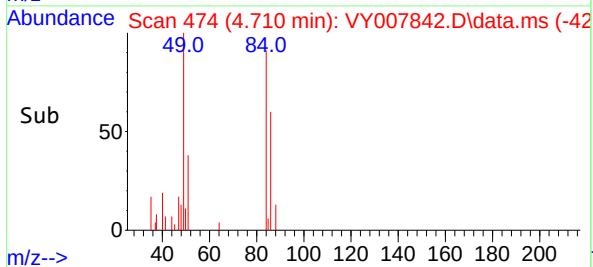
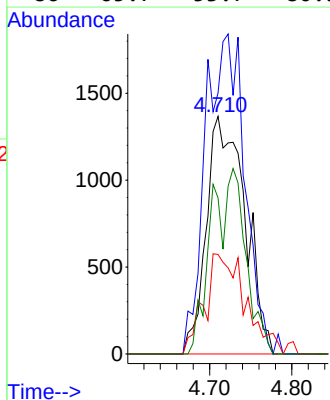
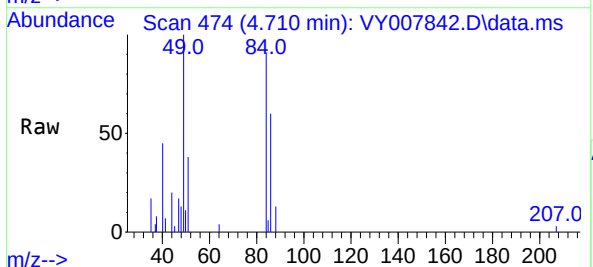
Ion Ratio Lower Upper

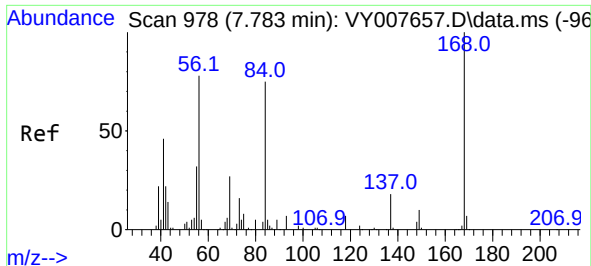
84 100

49 109.8 114.4 171.6#

51 41.9 35.3 52.9

86 65.7 53.7 80.5

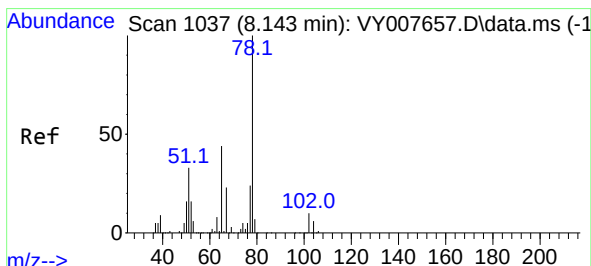
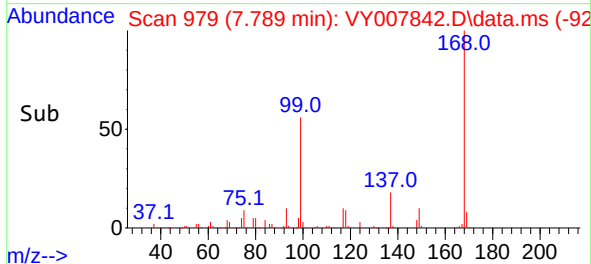
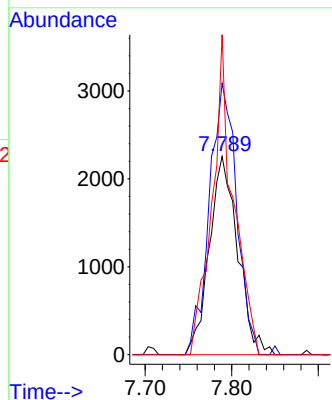
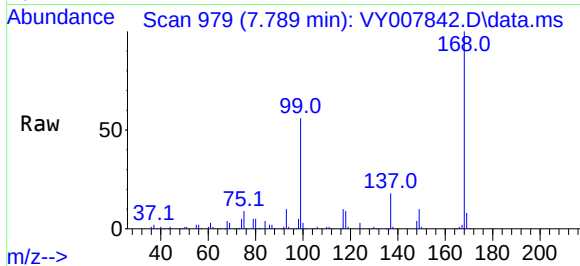




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007842.D
Acq: 11 Mar 2022 10:13

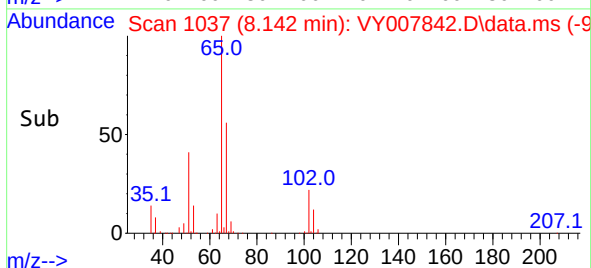
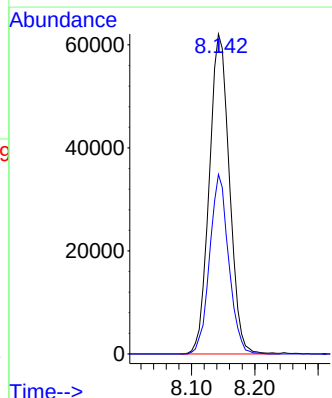
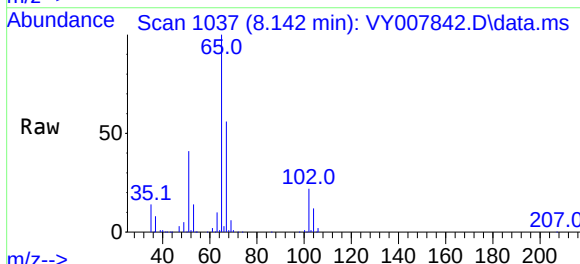
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

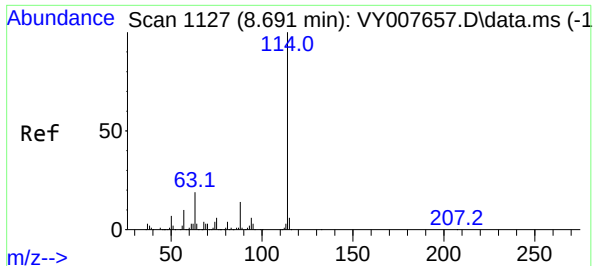
Tgt Ion: 56 Resp: 5140
Ion Ratio Lower Upper
56 100
69 136.9 26.7 40.1#
84 161.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.295 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007842.D
Acq: 11 Mar 2022 10:13

Tgt Ion: 65 Resp: 137444
Ion Ratio Lower Upper
65 100
67 53.0 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: VY007842.D

Acq: 11 Mar 2022 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0311SBL01

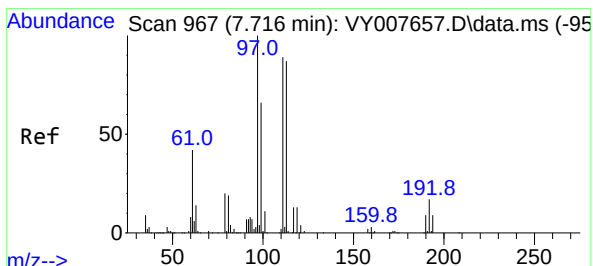
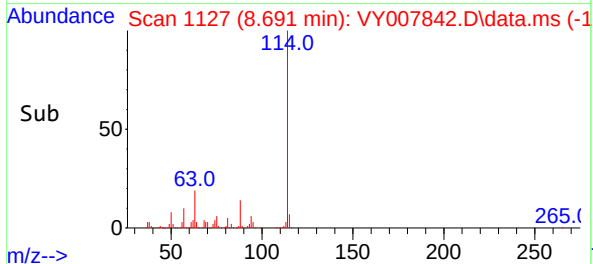
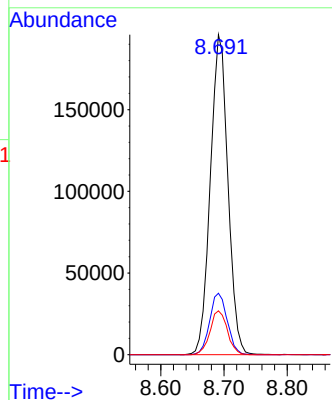
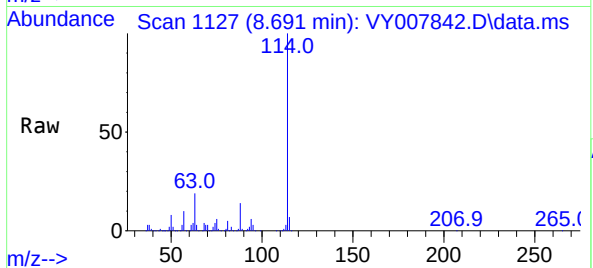
Tgt Ion:114 Resp: 377330

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.969 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007842.D

Acq: 11 Mar 2022 10:13

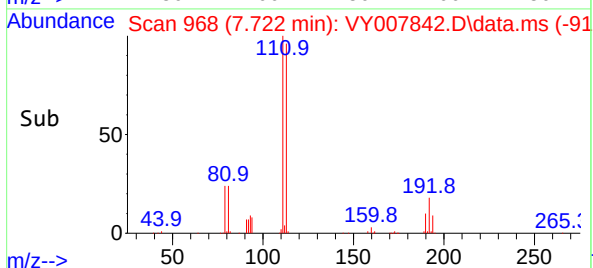
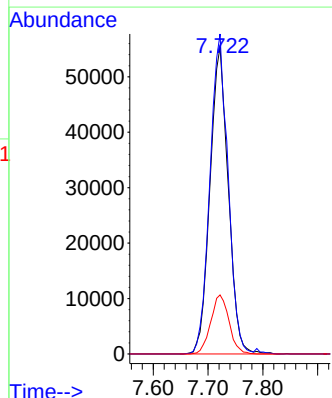
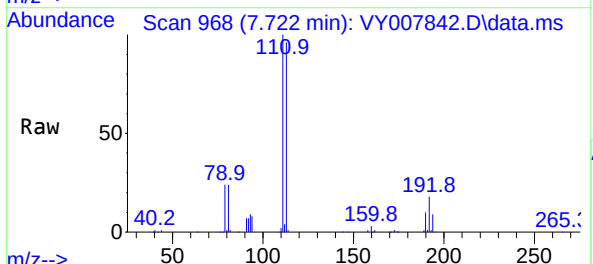
Tgt Ion:113 Resp: 127782

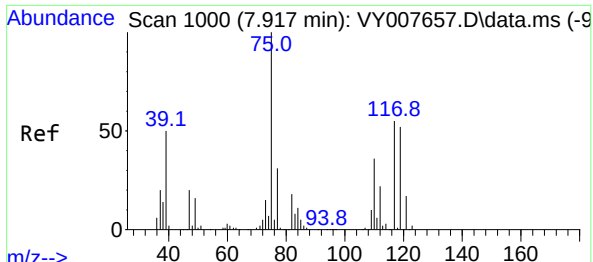
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 19.2 17.6 26.4

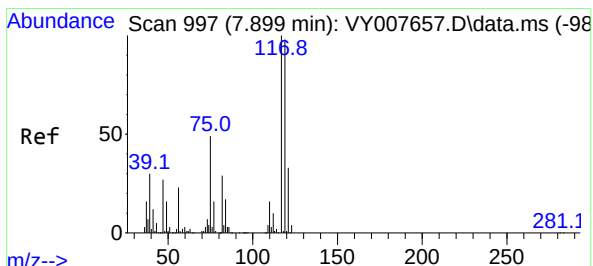
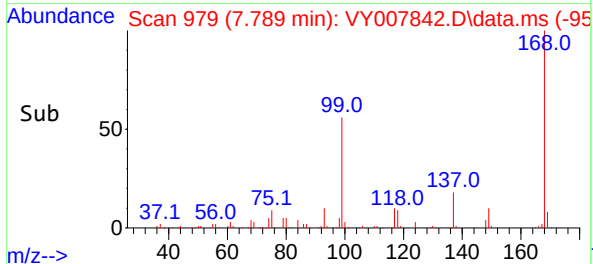
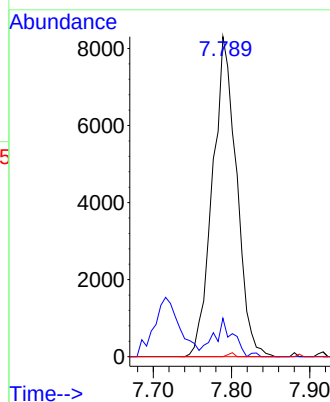
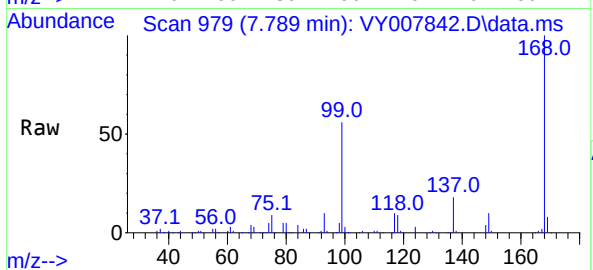




#36
1,1-Dichloropropene
Concen: 4.653 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007842.D
Acq: 11 Mar 2022 10:13

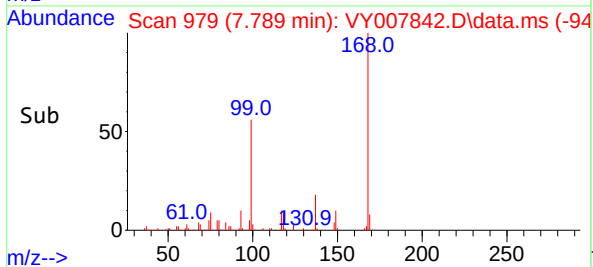
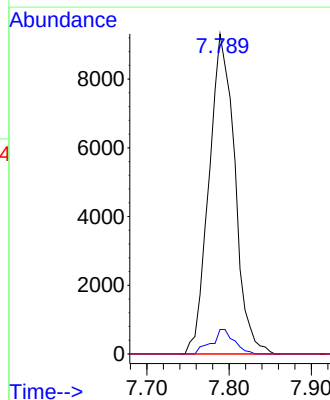
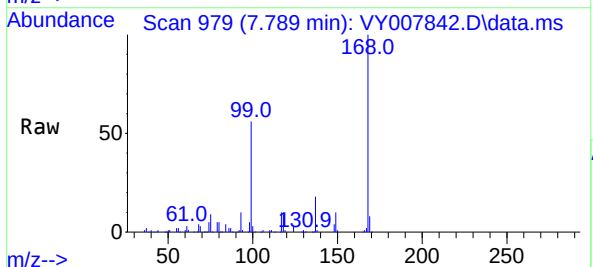
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

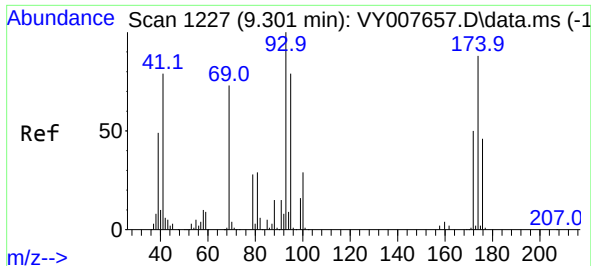
Tgt Ion: 75 Resp: 17659
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.3 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.018 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007842.D
Acq: 11 Mar 2022 10:13

Tgt Ion: 117 Resp: 20315
Ion Ratio Lower Upper
117 100
119 7.7 77.9 116.9#
121 0.0 24.8 37.2#

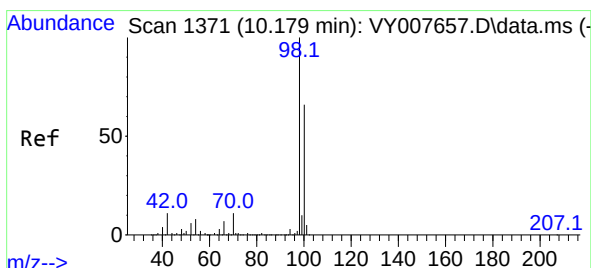
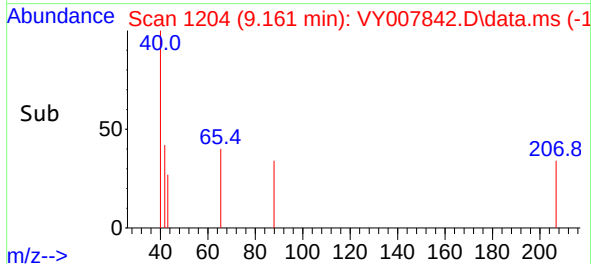
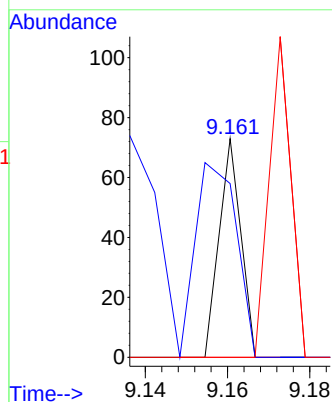
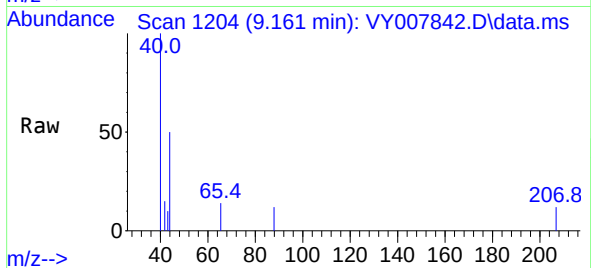




#49
1,4-Dioxane
Concen: 1.364 ug/l
RT: 9.161 min Scan# 11
Delta R.T. -0.140 min
Lab File: VY007842.D
Acq: 11 Mar 2022 10:13

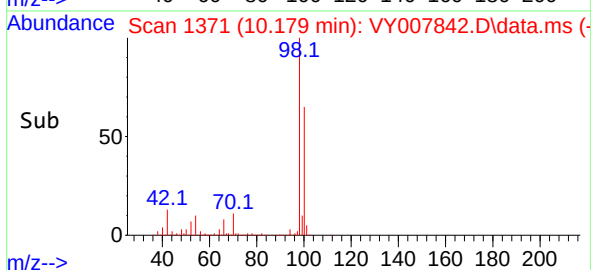
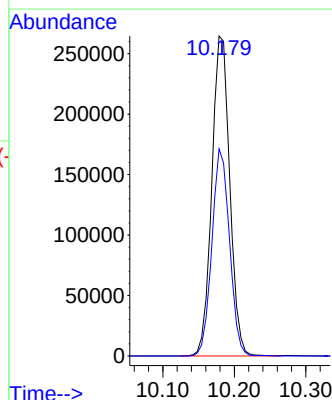
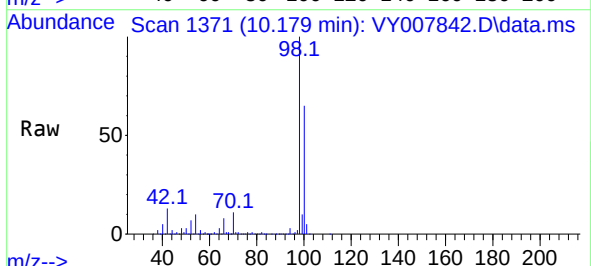
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

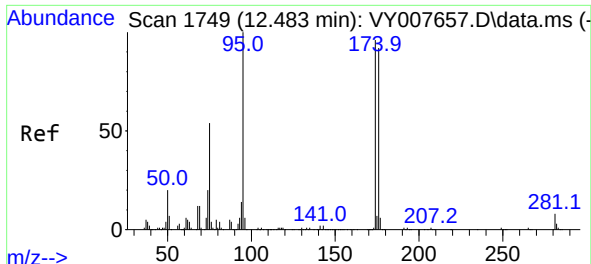
Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 166.7 32.8 49.2#
58 144.4 59.8 89.6#



#50
Toluene-d8
Concen: 51.858 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007842.D
Acq: 11 Mar 2022 10:13

Tgt Ion: 98 Resp: 460506
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2

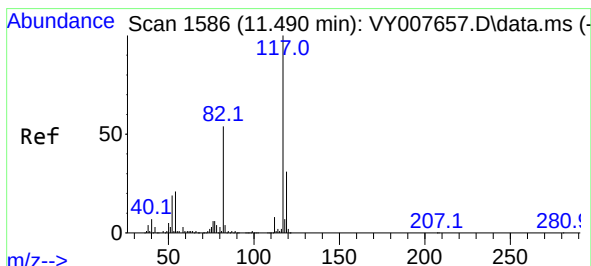
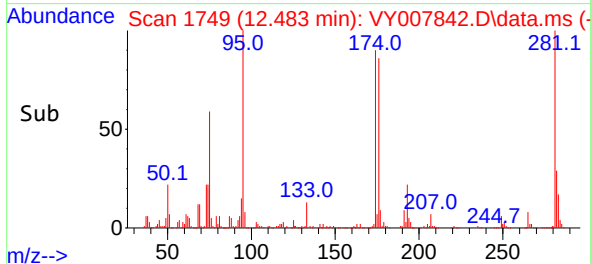
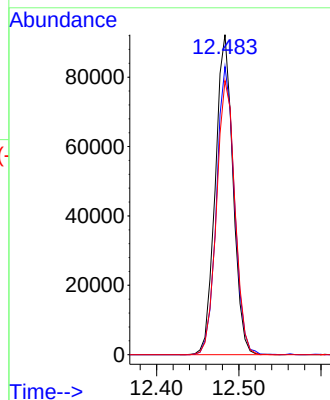
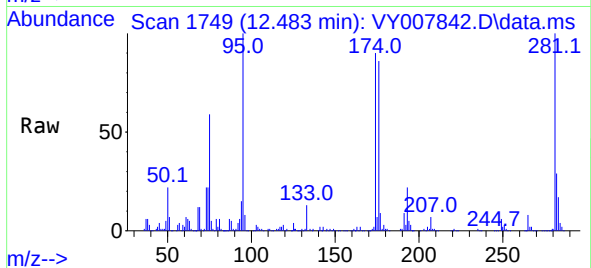




#62
4-Bromofluorobenzene
Concen: 48.262 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007842.D
Acq: 11 Mar 2022 10:13

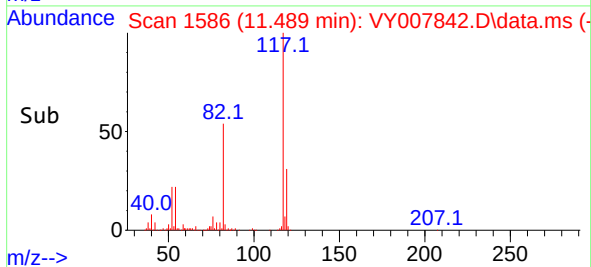
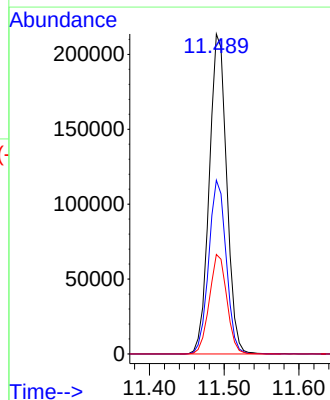
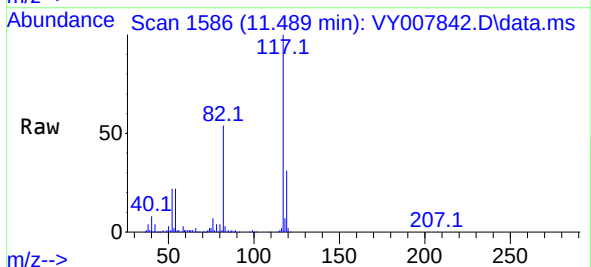
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

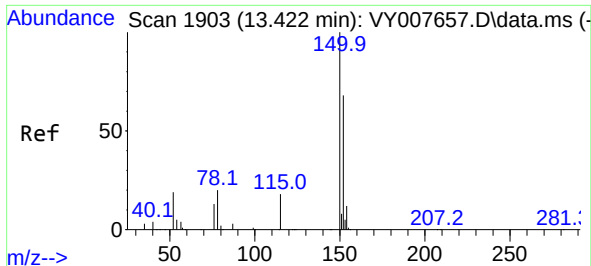
Tgt Ion: 95 Resp: 138148
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 88.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007842.D
Acq: 11 Mar 2022 10:13

Tgt Ion: 117 Resp: 345817
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.1 25.4 38.0

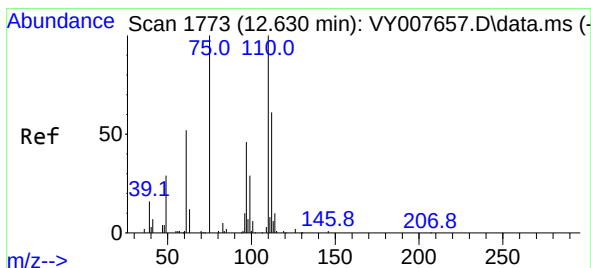
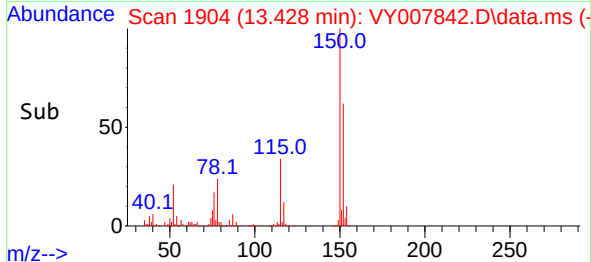
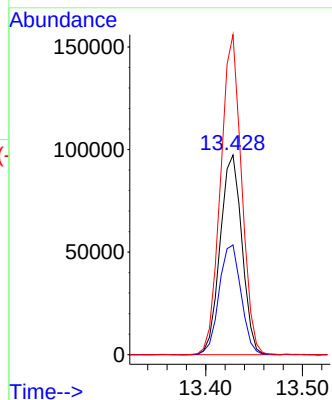
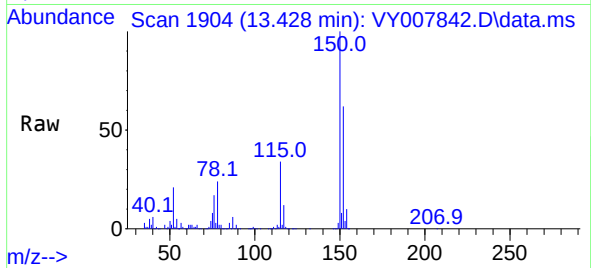




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007842.D
 Acq: 11 Mar 2022 10:13

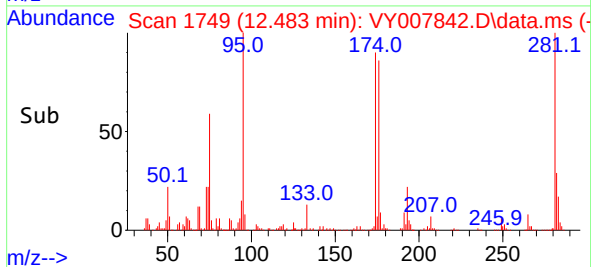
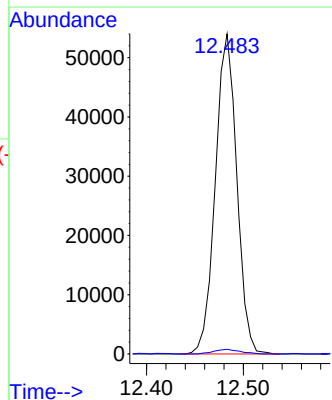
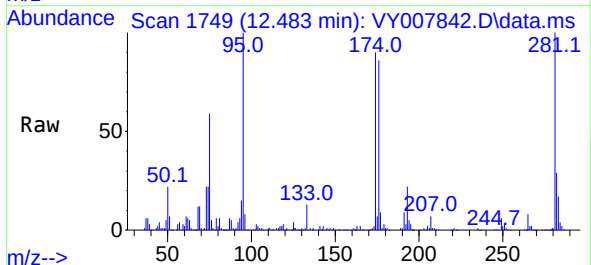
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBL01

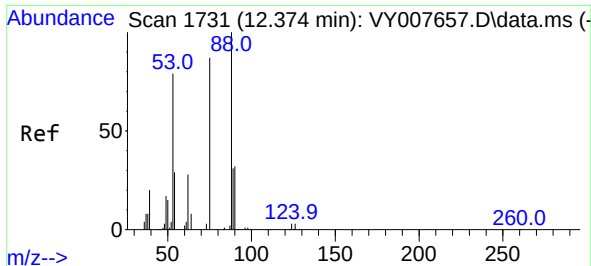
Tgt Ion:152 Resp: 152033
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.2 84.7
 150 154.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.922 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007842.D
 Acq: 11 Mar 2022 10:13

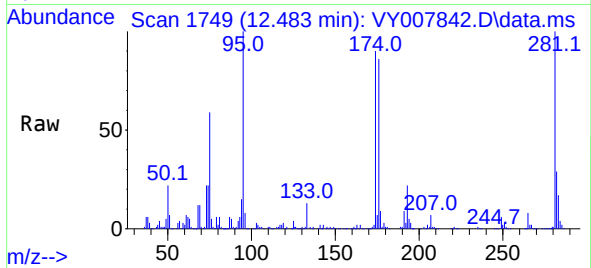
Tgt Ion: 75 Resp: 83062
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.015 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY007842.D
 Acq: 11 Mar 2022 10:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBL01



Tgt Ion: 75 Resp: 83062
 Ion Ratio Lower Upper
 75 100
 53 0.3 85.3 127.9#
 89 1.5 37.0 55.4#

