

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111422\
 Data File : VY011435.D
 Acq On : 14 Nov 2022 13:31
 Operator : KP/MD
 Sample : VY1114SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1114SBL01

Quant Time: Nov 15 01:48:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

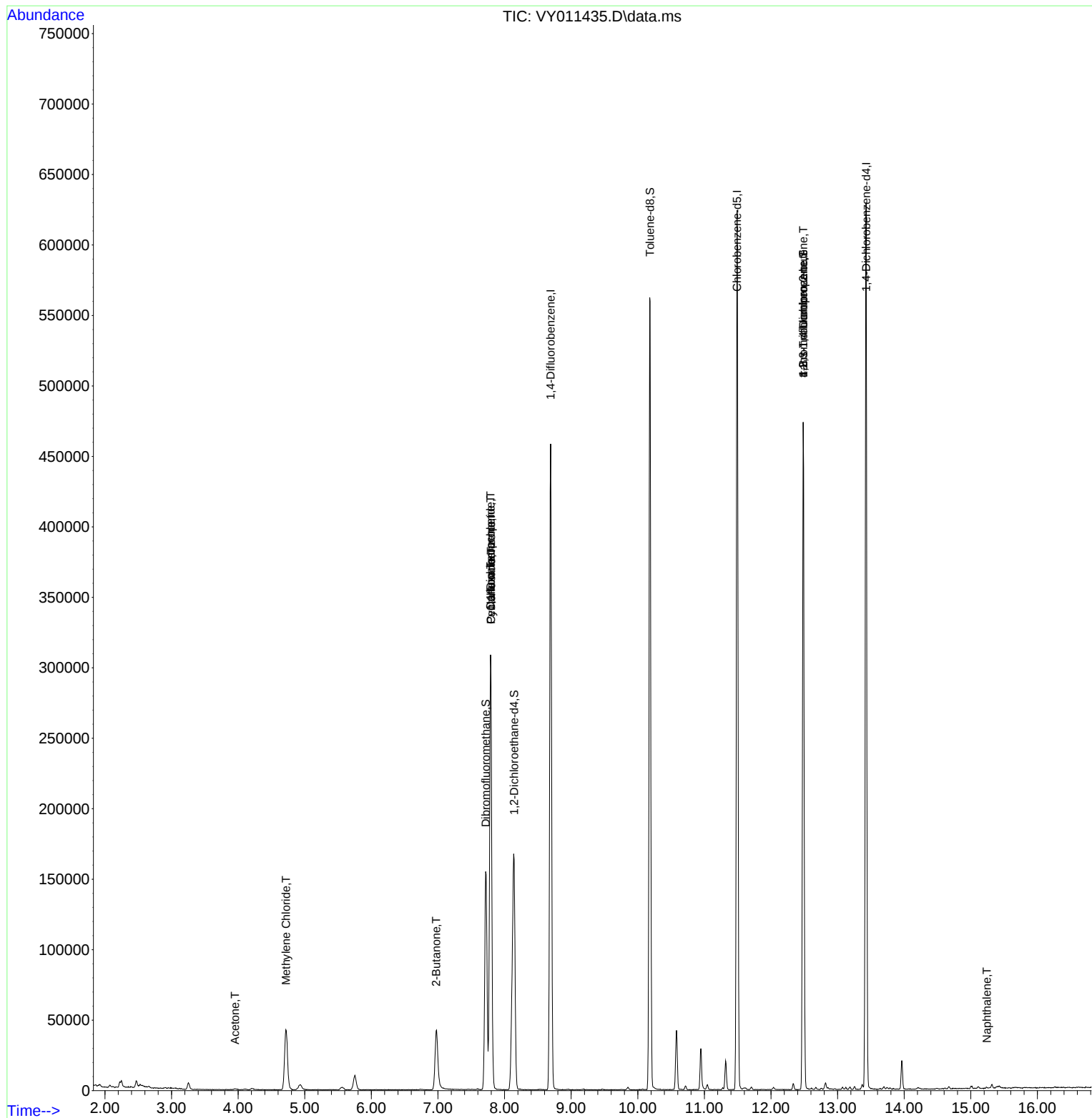
Internal Standards						
1) Pentafluorobenzene	7.795	168	252756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	414918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	370407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	107102	50.567	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.140%	
35) Dibromofluoromethane	7.716	113	115359	49.611	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.220%	
50) Toluene-d8	10.185	98	392643	44.200	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.400%	
62) 4-Bromofluorobenzene	12.483	95	138458	44.687	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.380%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	861	Below Cal		87
11) Tert butyl alcohol	4.936	59	3914	Below Cal	#	77
16) Acetone	3.954	43	1104	1.975	ug/l #	87
18) Methyl Acetate	4.265	43	40	Below Cal	#	56
20) Methylene Chloride	4.716	84	36779	5.427	ug/l #	77
25) 2-Butanone	6.972	43	2091	2.626	ug/l	96
31) Cyclohexane	7.795	56	3960	1.040	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	17955	4.975	ug/l #	50
38) Carbon Tetrachloride	7.789	117	24115	6.143	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	65866	32.623	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65866	78.416	ug/l #	7
95) Naphthalene	15.239	128	1098	3.431	ug/l #	80

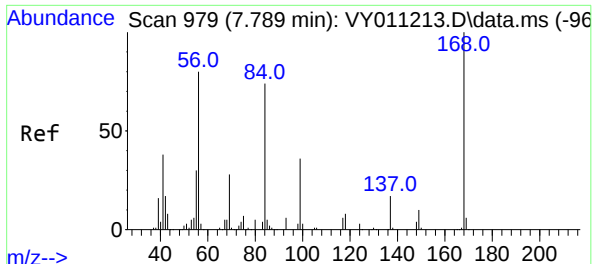
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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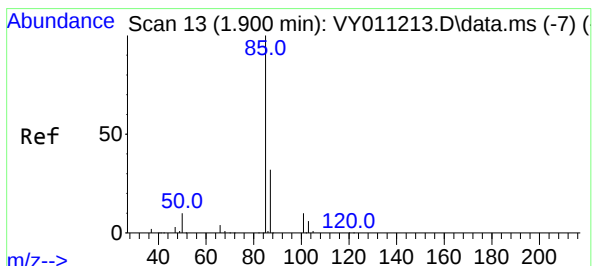
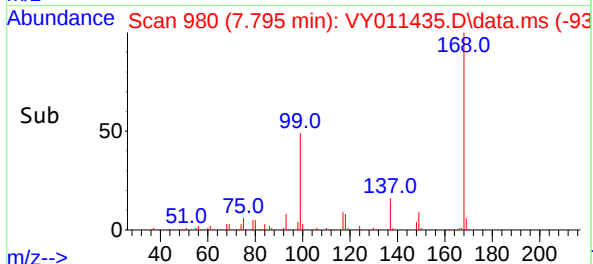
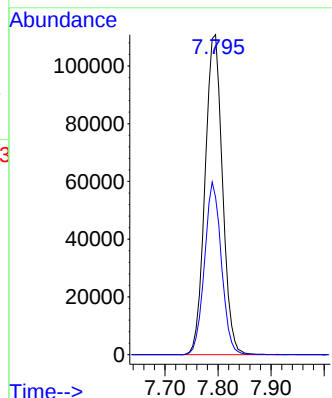
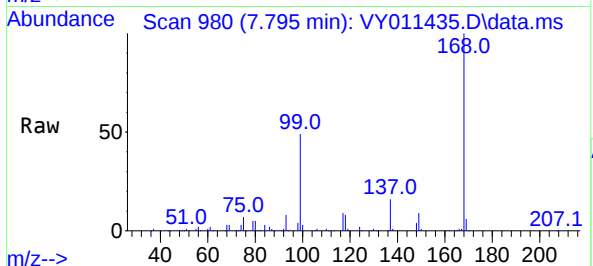




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011435.D
Acq: 14 Nov 2022 13:31

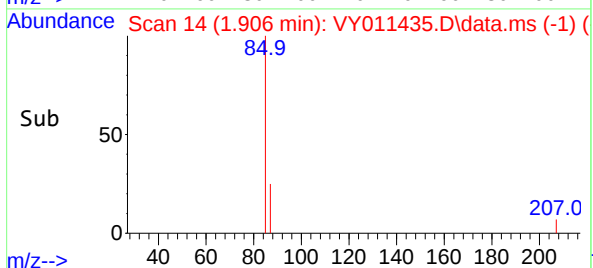
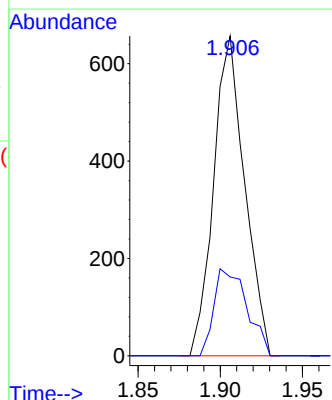
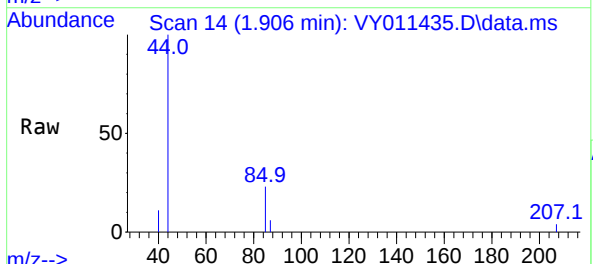
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBL01

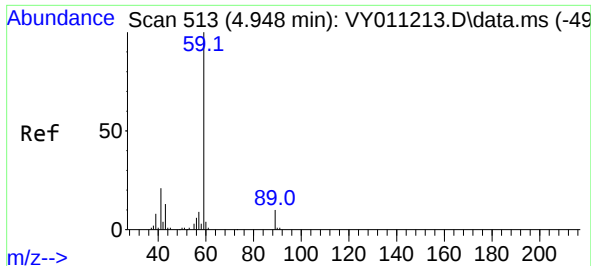
Tgt Ion:168 Resp: 252756
Ion Ratio Lower Upper
168 100
99 49.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011435.D
Acq: 14 Nov 2022 13:31

Tgt Ion: 85 Resp: 861
Ion Ratio Lower Upper
85 100
87 24.7 16.1 48.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 511

Delta R.T. -0.018 min

Lab File: VY011435.D

Acq: 14 Nov 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

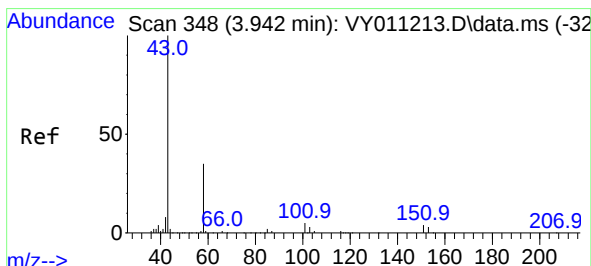
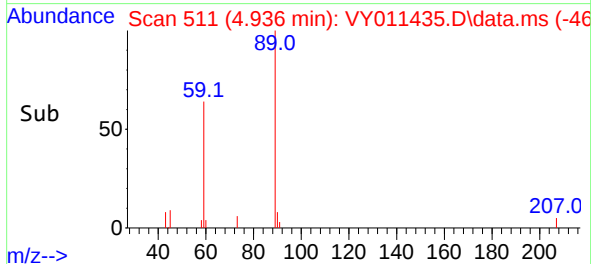
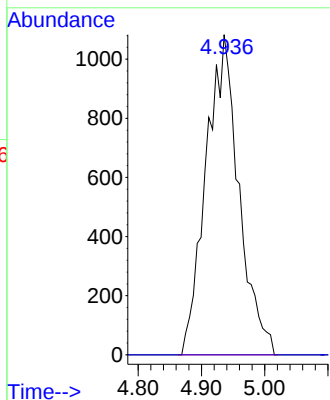
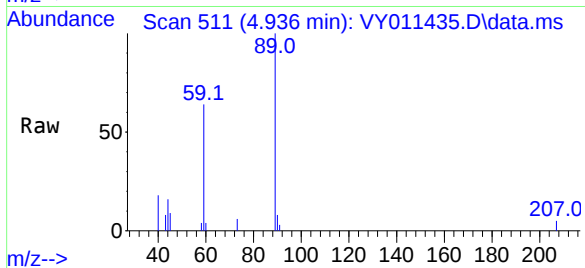
VY1114SBL01

Tgt Ion: 59 Resp: 3914

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 1.975 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY011435.D

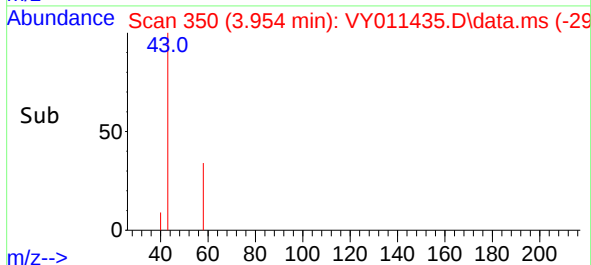
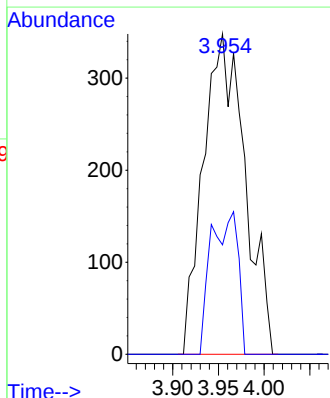
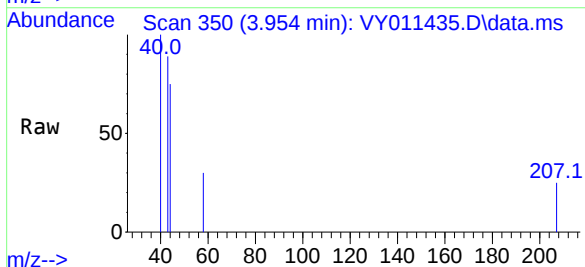
Acq: 14 Nov 2022 13:31

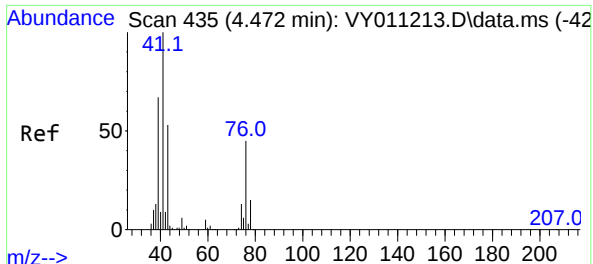
Tgt Ion: 43 Resp: 1104

Ion Ratio Lower Upper

43 100

58 34.2 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.265 min Scan# 401

Delta R.T. -0.208 min

Lab File: VY011435.D

Acq: 14 Nov 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

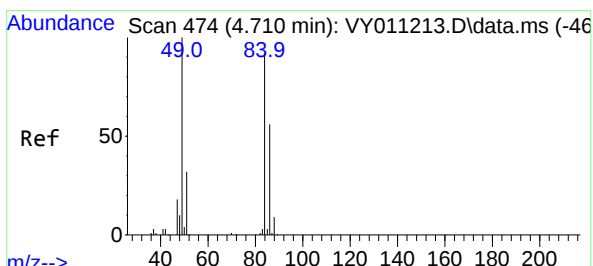
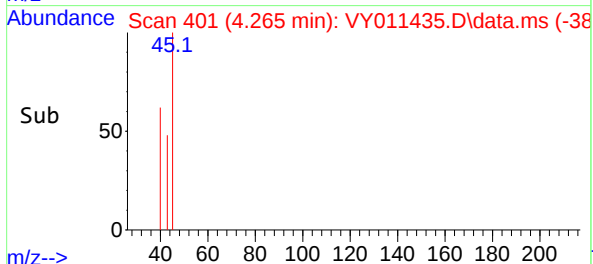
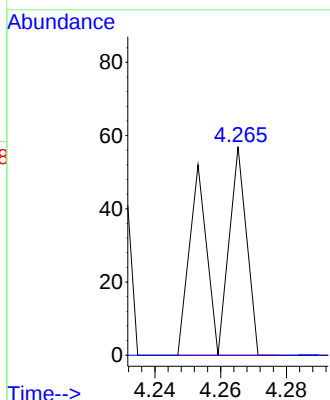
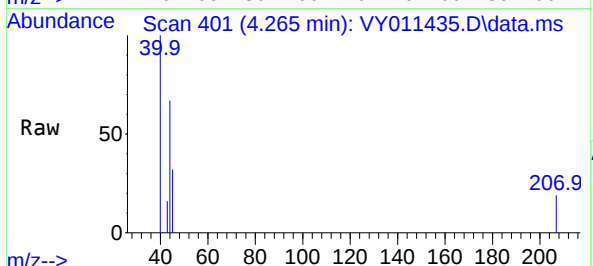
VY1114SBL01

Tgt Ion: 43 Resp: 40

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: 5.427 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY011435.D

Acq: 14 Nov 2022 13:31

Tgt Ion: 84 Resp: 36779

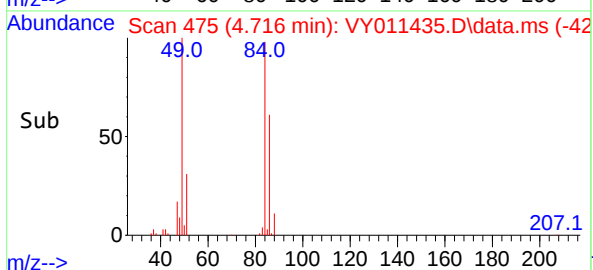
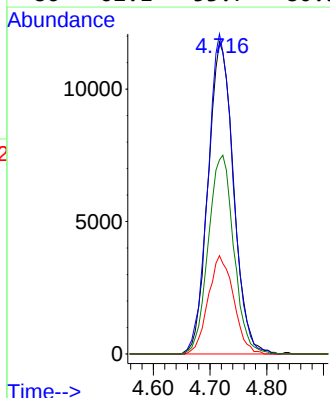
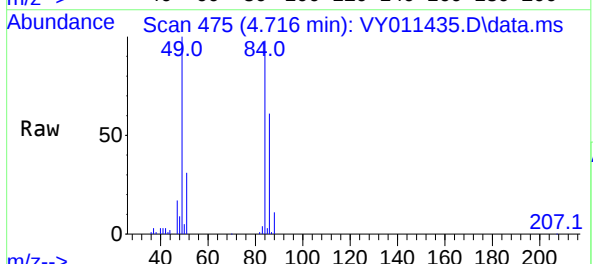
Ion Ratio Lower Upper

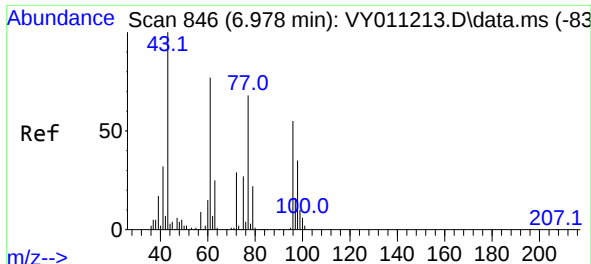
84 100

49 102.5 114.4 171.6#

51 31.5 35.3 52.9#

86 62.1 53.7 80.5

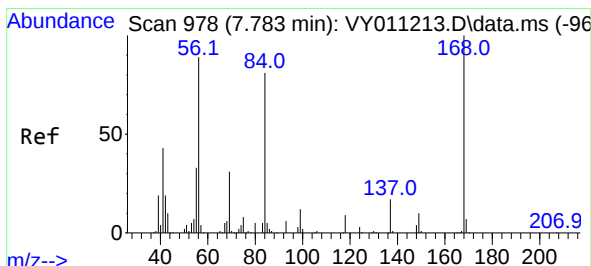
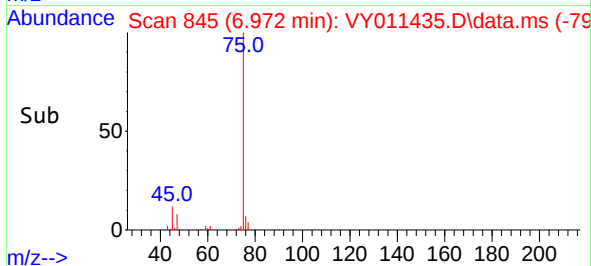
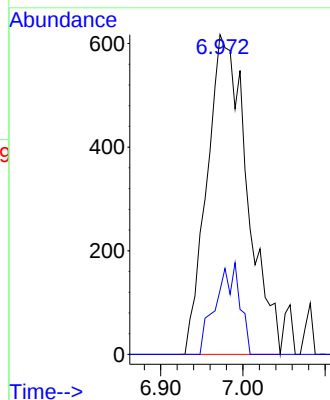
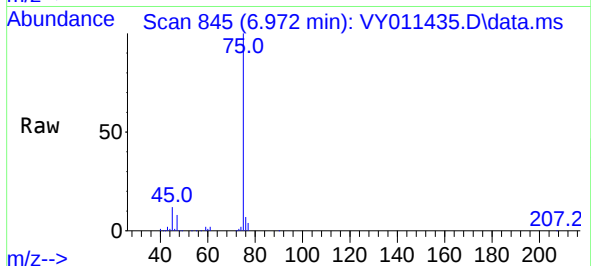




#25
2-Butanone
Concen: 2.626 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011435.D
Acq: 14 Nov 2022 13:31

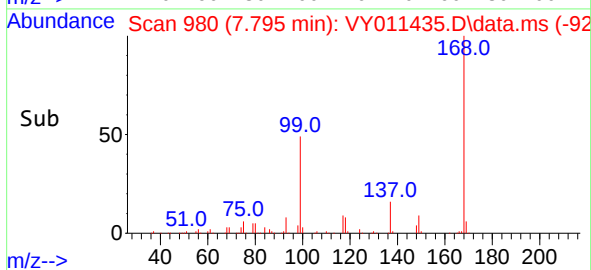
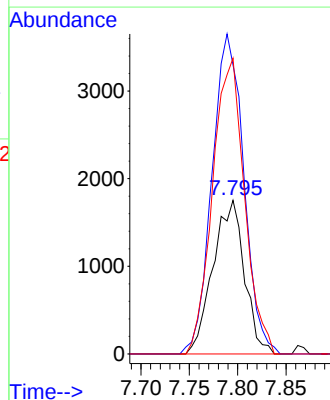
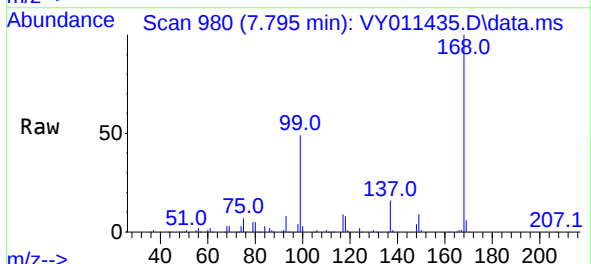
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBL01

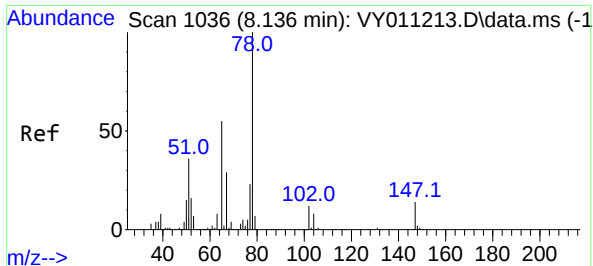
Tgt Ion: 43 Resp: 2091
Ion Ratio Lower Upper
43 100
72 20.1 17.7 26.5



#31
Cyclohexane
Concen: 1.040 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY011435.D
Acq: 14 Nov 2022 13:31

Tgt Ion: 56 Resp: 3960
Ion Ratio Lower Upper
56 100
69 188.2 26.7 40.1#
84 192.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 50.567 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY011435.D

Acq: 14 Nov 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

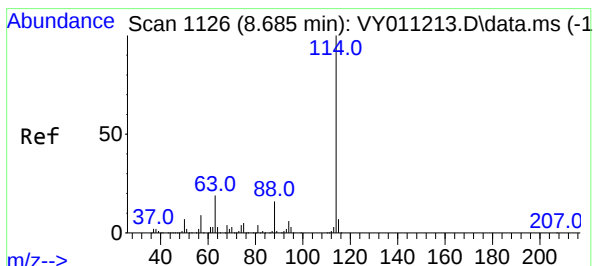
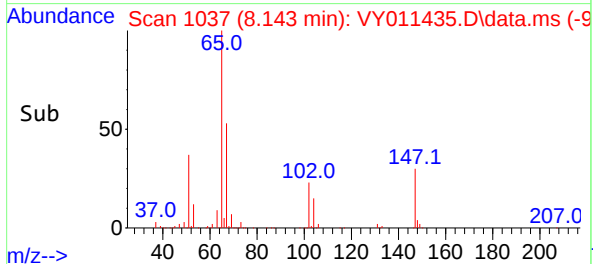
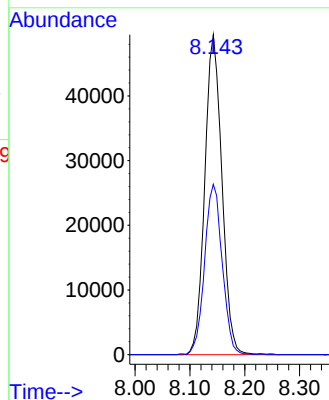
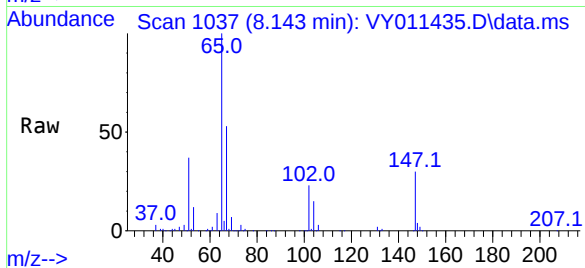
VY1114SBL01

Tgt Ion: 65 Resp: 107102

Ion Ratio Lower Upper

65 100

67 54.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011435.D

Acq: 14 Nov 2022 13:31

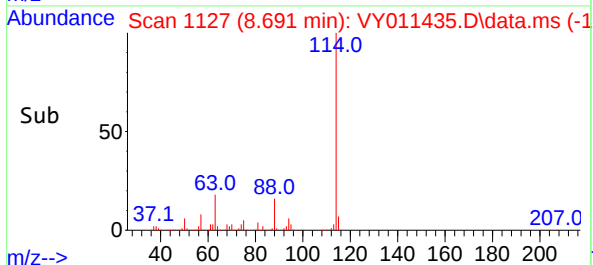
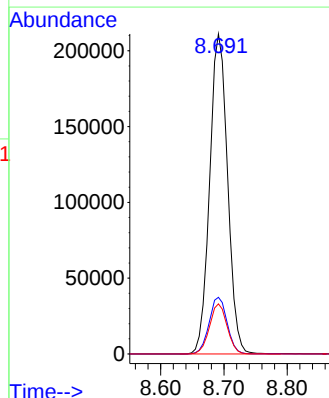
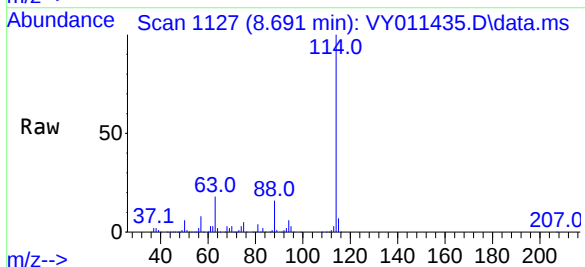
Tgt Ion:114 Resp: 414918

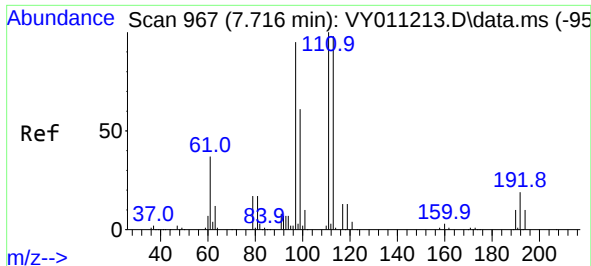
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 15.6 0.0 31.8

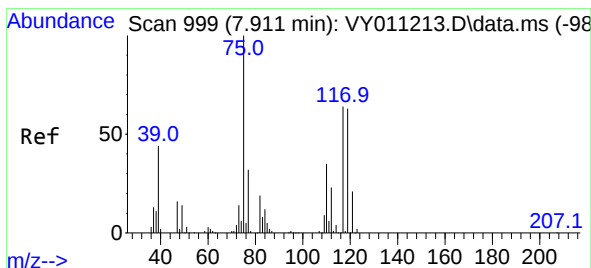
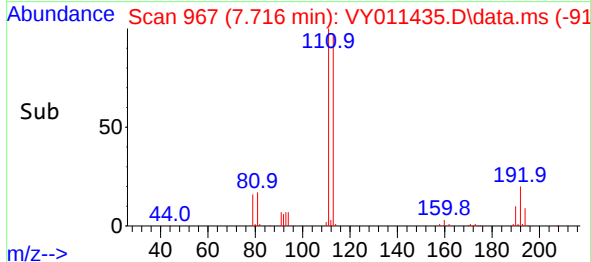
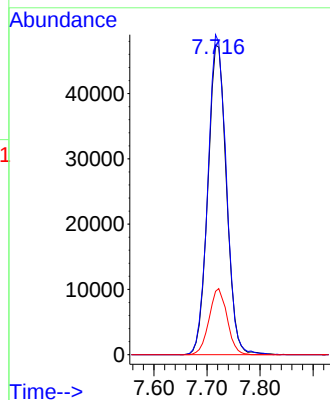
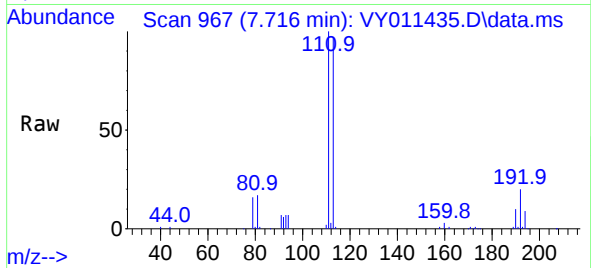




#35
Dibromofluoromethane
Concen: 49.611 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011435.D
Acq: 14 Nov 2022 13:31

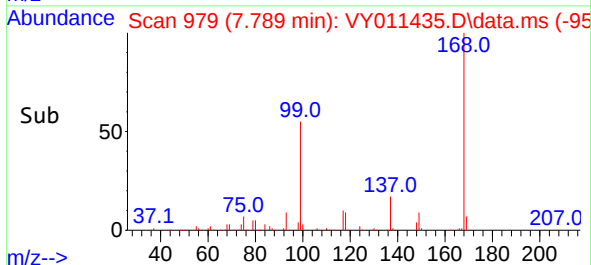
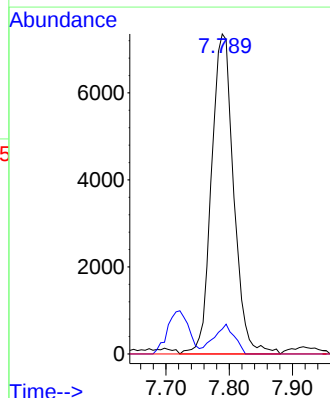
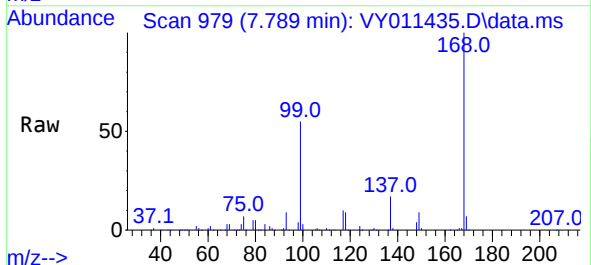
Instrument :
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VY1114SBL01

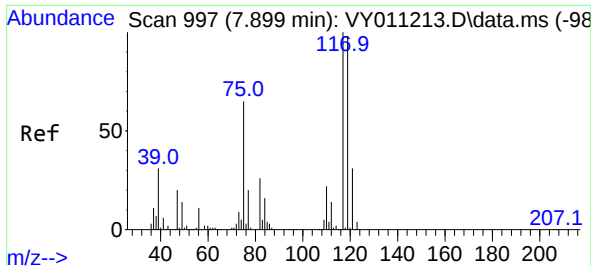
Tgt Ion:113 Resp: 115359
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.975 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011435.D
Acq: 14 Nov 2022 13:31

Tgt Ion: 75 Resp: 17955
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#

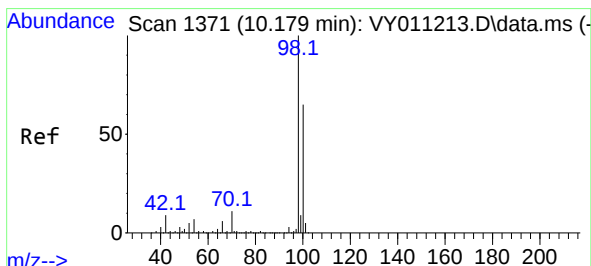
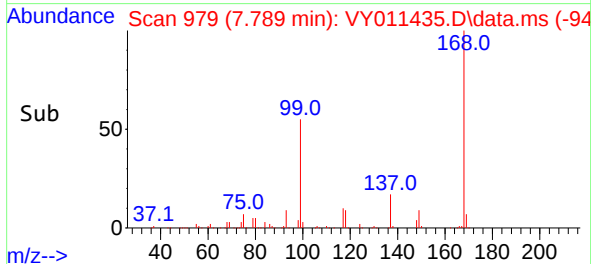
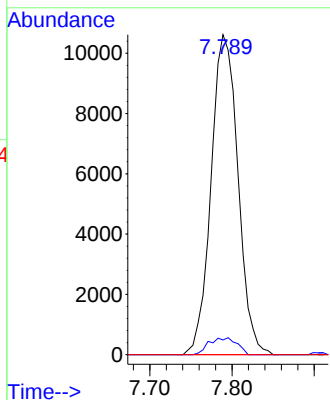
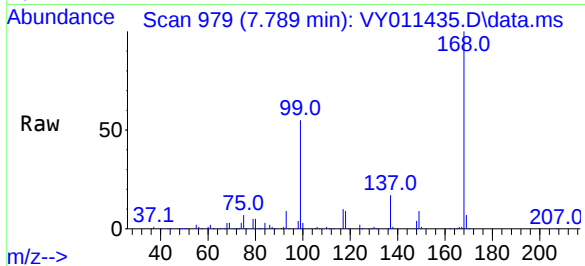




#38
Carbon Tetrachloride
Concen: 6.143 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011435.D
Acq: 14 Nov 2022 13:31

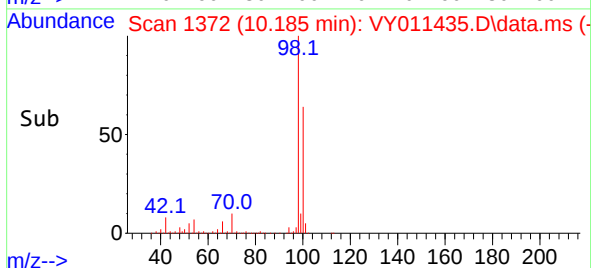
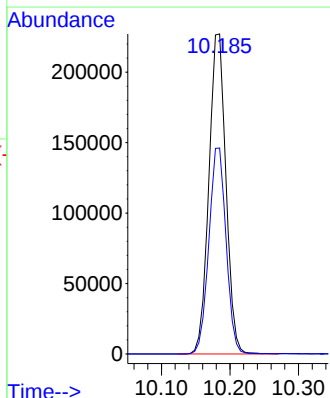
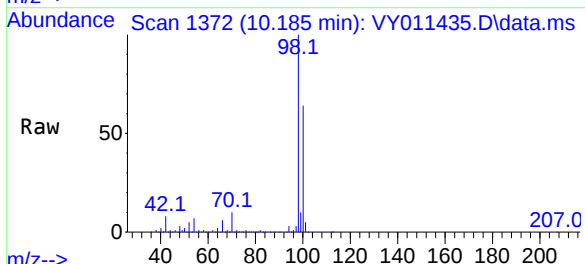
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBL01

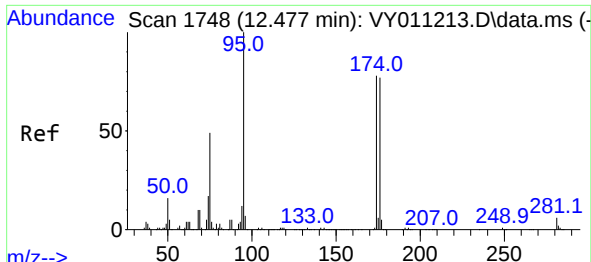
Tgt Ion:117 Resp: 24115
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 44.200 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY011435.D
Acq: 14 Nov 2022 13:31

Tgt Ion: 98 Resp: 392643
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

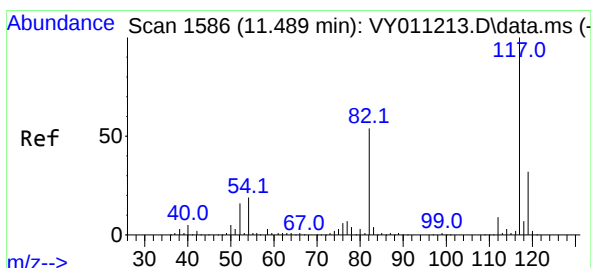
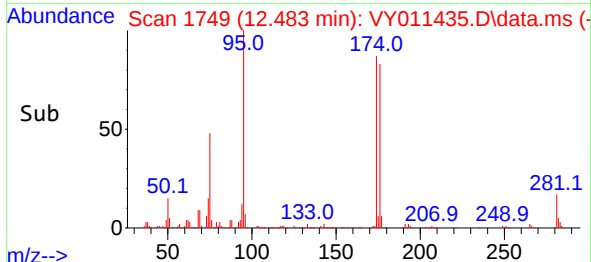
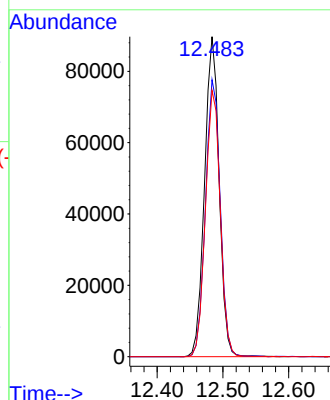
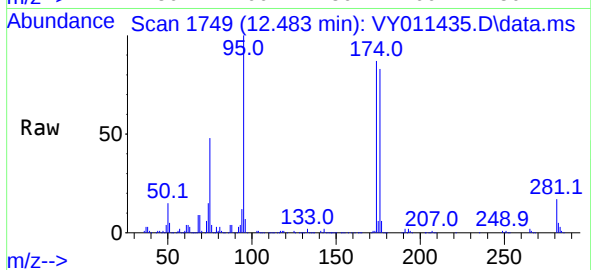




#62
4-Bromofluorobenzene
Concen: 44.687 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011435.D
Acq: 14 Nov 2022 13:31

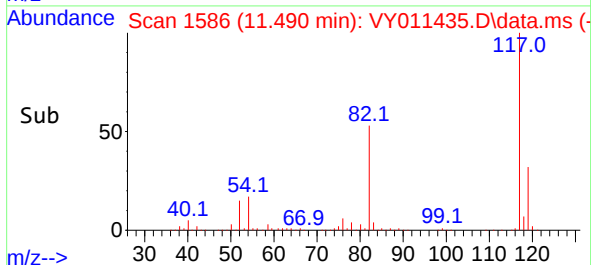
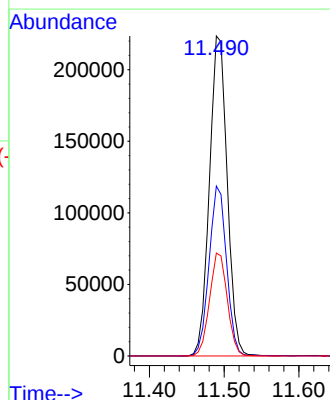
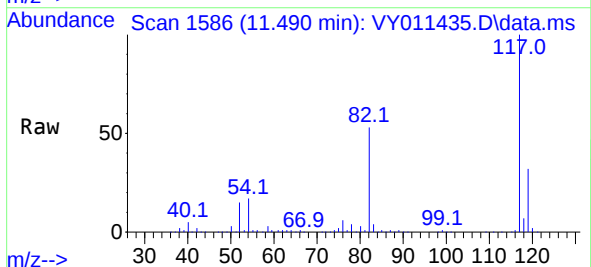
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBL01

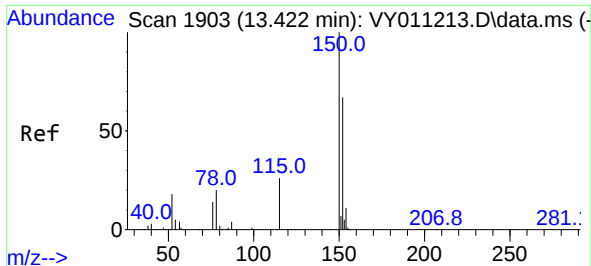
Tgt Ion: 95 Resp: 138458
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.0
176 84.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011435.D
Acq: 14 Nov 2022 13:31

Tgt Ion: 117 Resp: 370407
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 32.2 25.4 38.0

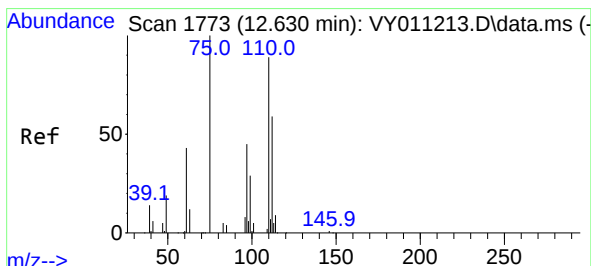
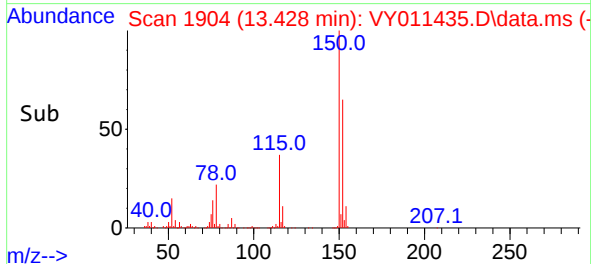
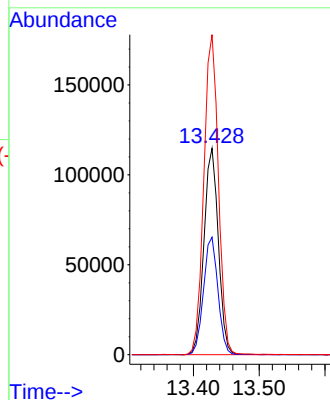
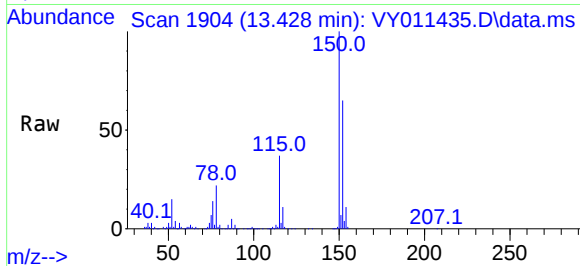




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1749
 Delta R.T. 0.006 min
 Lab File: VY011435.D
 Acq: 14 Nov 2022 13:31

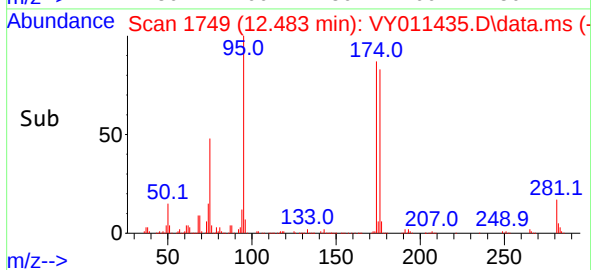
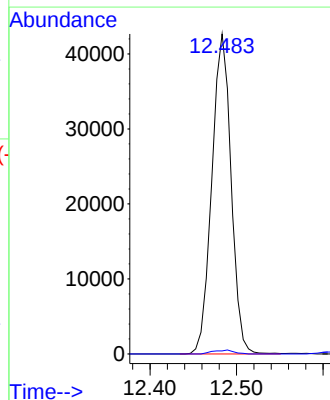
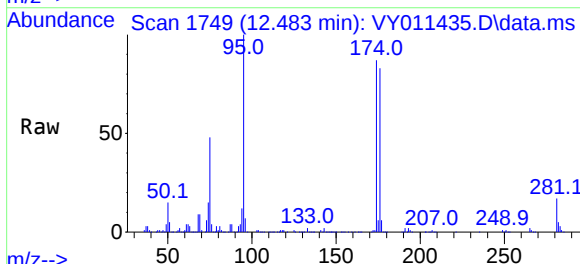
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1114SBL01

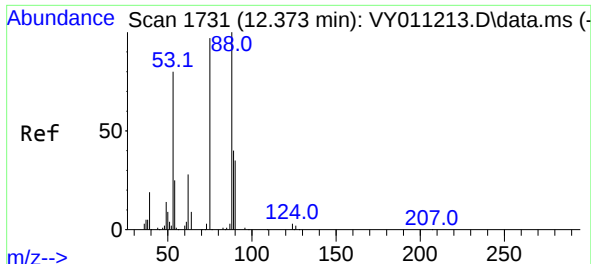
Tgt Ion:152 Resp: 174424
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.2 84.7
 150 157.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 32.623 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY011435.D
 Acq: 14 Nov 2022 13:31

Tgt Ion: 75 Resp: 65866
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

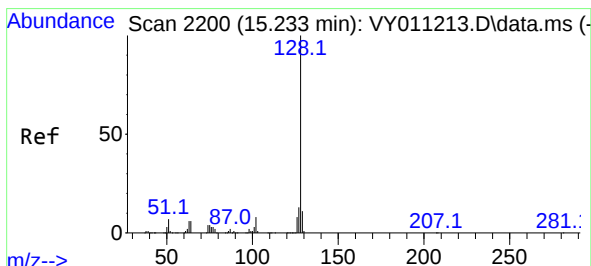
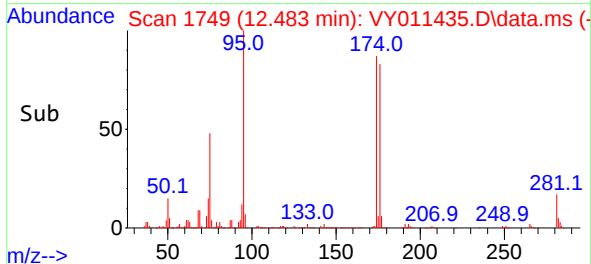
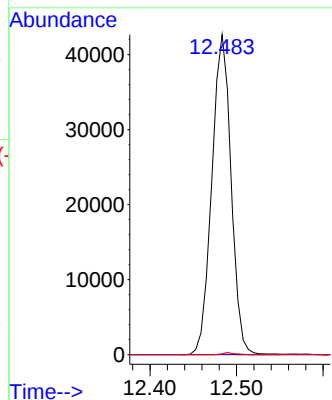
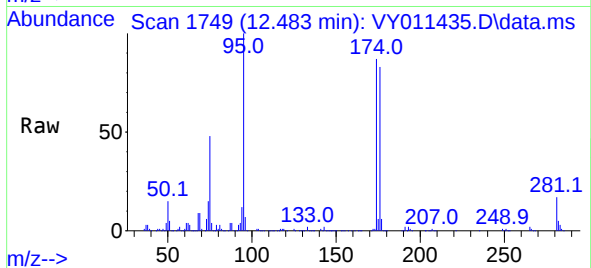




#81
trans-1,4-Dichloro-2-butene
Concen: 78.416 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011435.D
Acq: 14 Nov 2022 13:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBL01

Tgt Ion: 75 Resp: 65866
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.4 37.0 55.4#



#95
Naphthalene
Concen: 3.431 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY011435.D
Acq: 14 Nov 2022 13:31

Tgt Ion: 128 Resp: 1098
Ion Ratio Lower Upper
128 100
127 4.7 11.0 16.4#
129 4.4 8.4 12.6#

