

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
 Data File : VY007475.D
 Acq On : 11 Feb 2022 11:24
 Operator : SY/MD
 Sample : VY0211SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 12 02:51:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

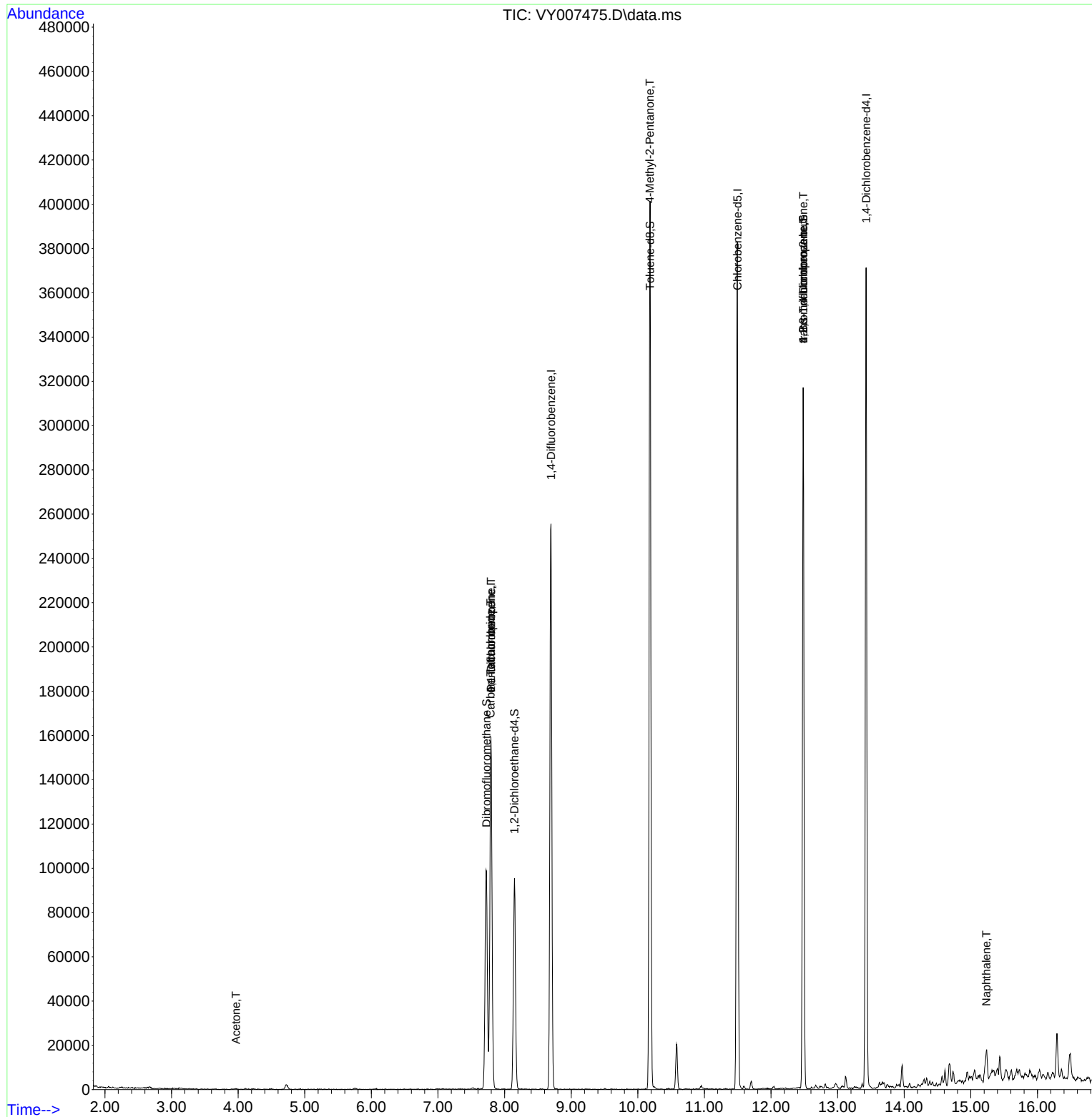
Internal Standards						
1) Pentafluorobenzene	7.795	168	118160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	221527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	211250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74508	54.820	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.640%	
35) Dibromofluoromethane	7.728	113	71571	50.313	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.620%	
50) Toluene-d8	10.185	98	267401	50.880	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.760%	
62) 4-Bromofluorobenzene	12.483	95	95774	53.617	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.240%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	375	Below Cal	#	44
16) Acetone	3.966	43	615	1.393	ug/l	96
20) Methylene Chloride	4.722	84	1604	Below Cal	#	76
36) 1,1-Dichloropropene	7.795	75	9541	3.837	ug/l #	53
38) Carbon Tetrachloride	7.789	117	12584	4.816	ug/l #	14
51) 4-Methyl-2-Pentanone	10.179	43	1233	1.051	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	52657	51.084	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52657	102.342	ug/l #	7
95) Naphthalene	15.233	128	10139	2.892	ug/l	97

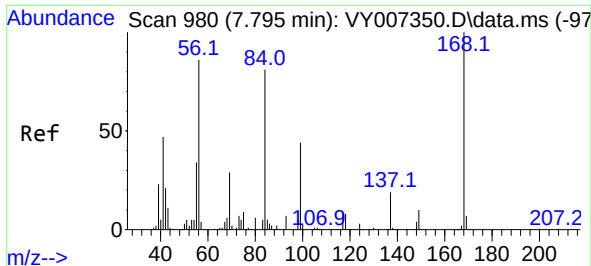
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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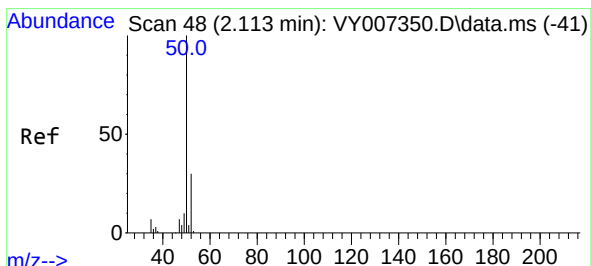
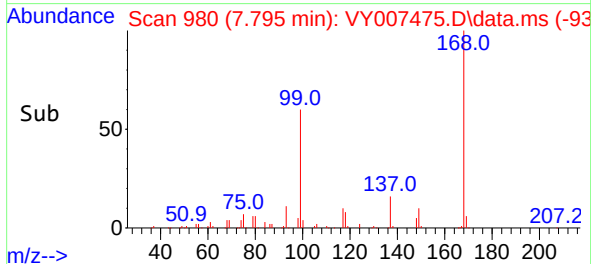
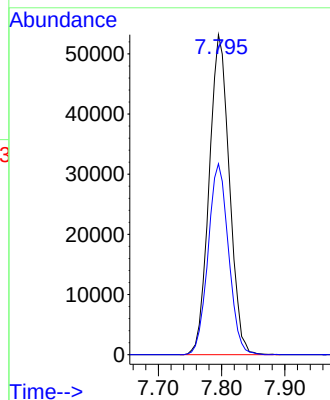
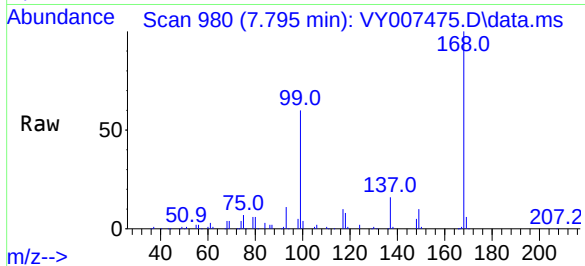




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007475.D
Acq: 11 Feb 2022 11:24

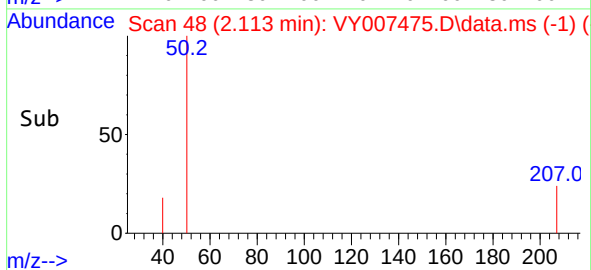
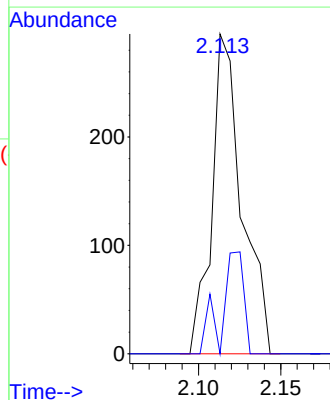
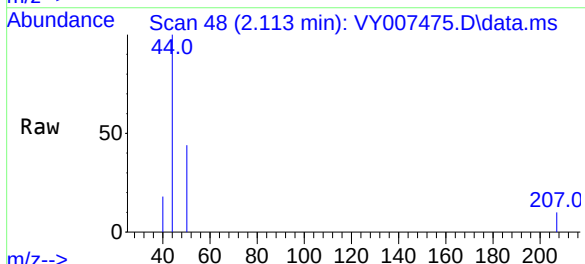
Instrument :
MSVOA_Y
ClientSampleId :

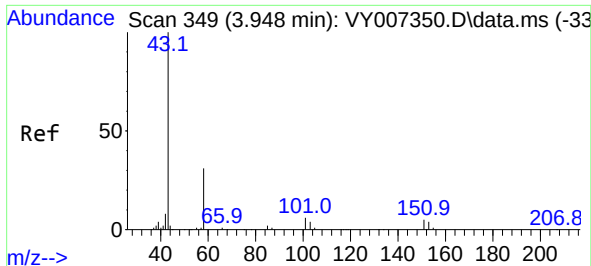
Tgt Ion:168 Resp: 118160
Ion Ratio Lower Upper
168 100
99 59.7 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007475.D
Acq: 11 Feb 2022 11:24

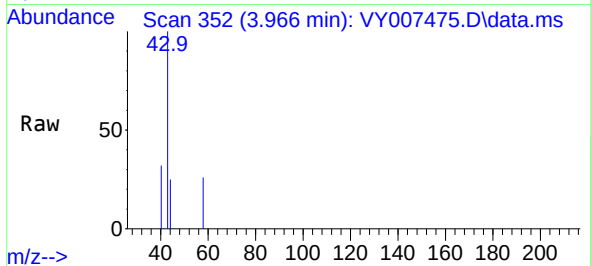
Tgt Ion: 50 Resp: 375
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



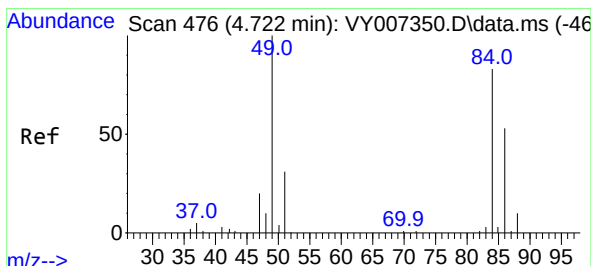
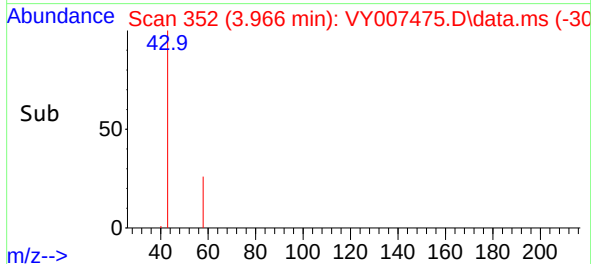
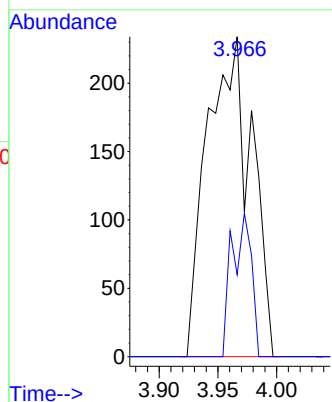


#16
Acetone
Concen: 1.393 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY007475.D
Acq: 11 Feb 2022 11:24

Instrument :
MSVOA_Y
ClientSampleId :

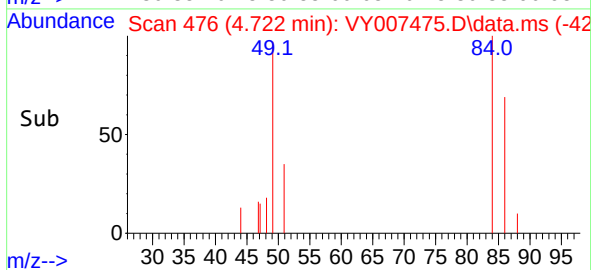
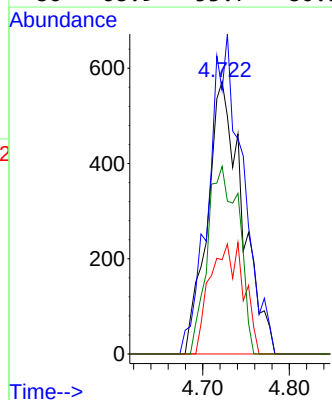
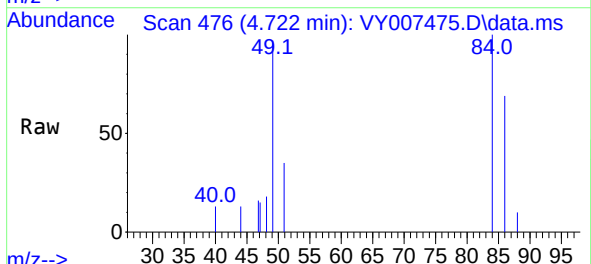


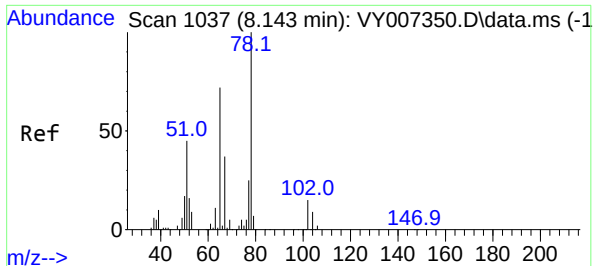
Tgt Ion: 43 Resp: 615
Ion Ratio Lower Upper
43 100
58 25.6 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY007475.D
Acq: 11 Feb 2022 11:24

Tgt Ion: 84 Resp: 1604
Ion Ratio Lower Upper
84 100
49 96.9 114.4 171.6#
51 34.6 35.3 52.9#
86 68.9 53.7 80.5

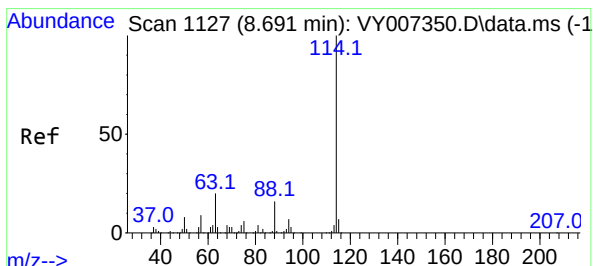
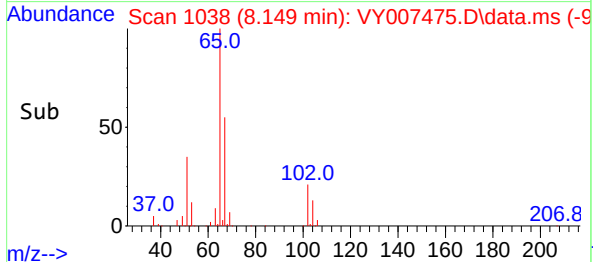
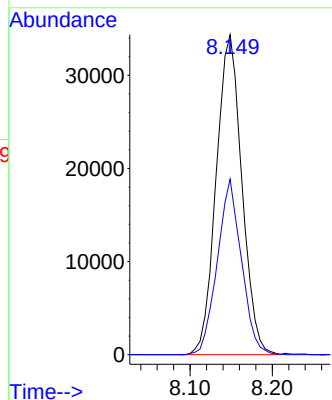
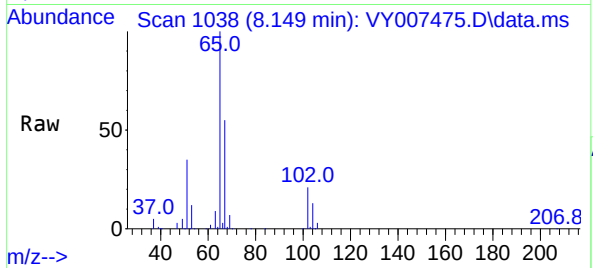




#33
 1,2-Dichloroethane-d4
 Concen: 54.820 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.006 min
 Lab File: VY007475.D
 Acq: 11 Feb 2022 11:24

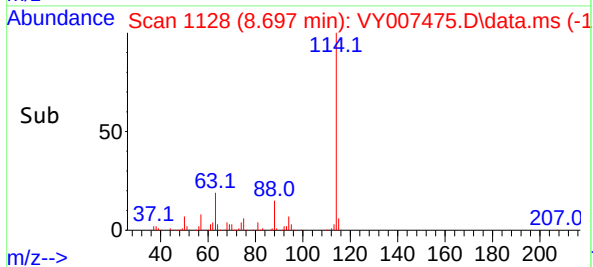
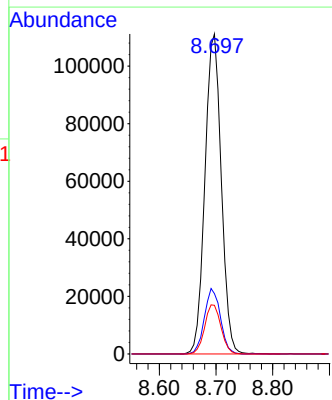
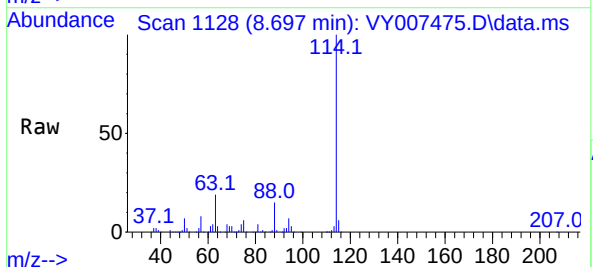
Instrument :
 MSVOA_Y
 ClientSampleId :

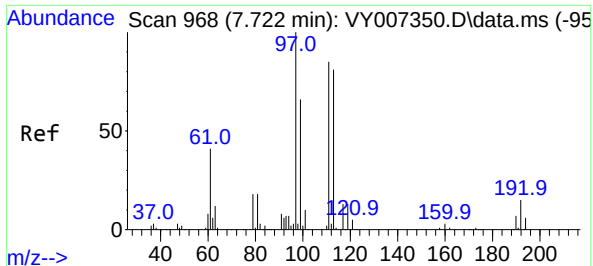
Tgt Ion: 65 Resp: 74508
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VY007475.D
 Acq: 11 Feb 2022 11:24

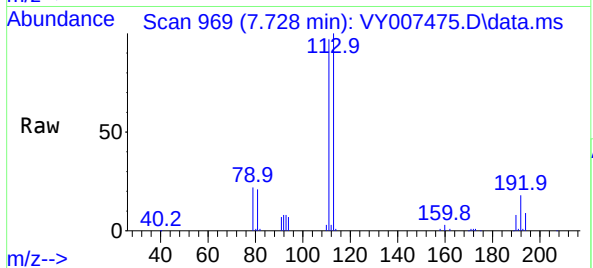
Tgt Ion: 114 Resp: 221527
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 43.2
 88 15.2 0.0 31.8



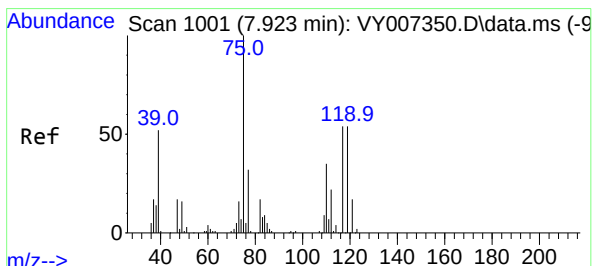
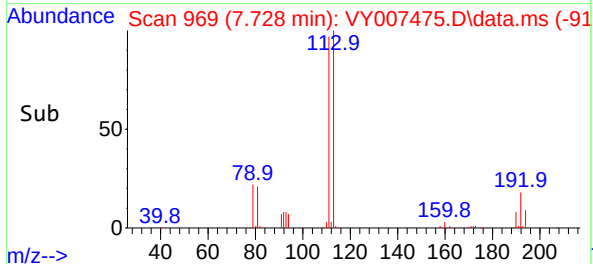
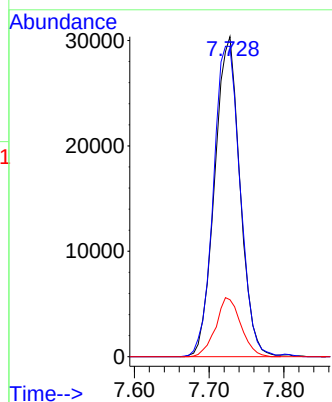


#35
Dibromofluoromethane
Concen: 50.313 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007475.D
Acq: 11 Feb 2022 11:24

Instrument :
MSVOA_Y
ClientSampleId :

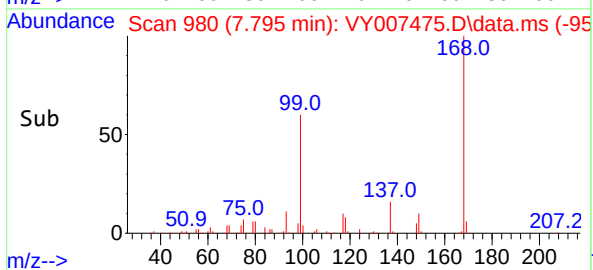
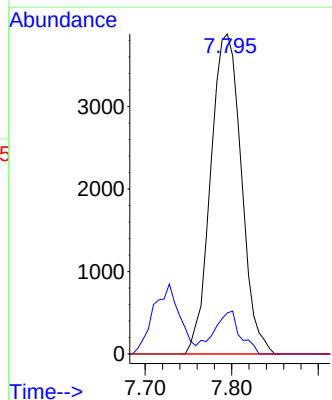
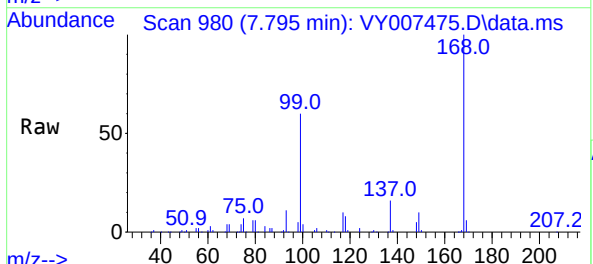


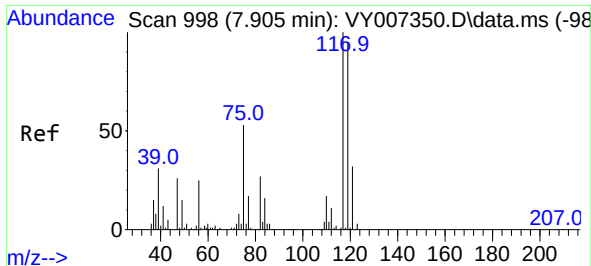
Tgt Ion:113 Resp: 71571
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 18.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.837 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007475.D
Acq: 11 Feb 2022 11:24

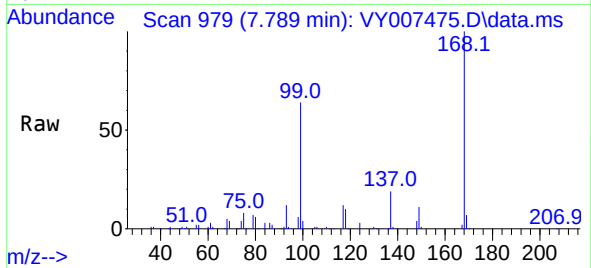
Tgt Ion: 75 Resp: 9541
Ion Ratio Lower Upper
75 100
110 11.5 17.1 51.2#
77 0.0 24.4 36.6#



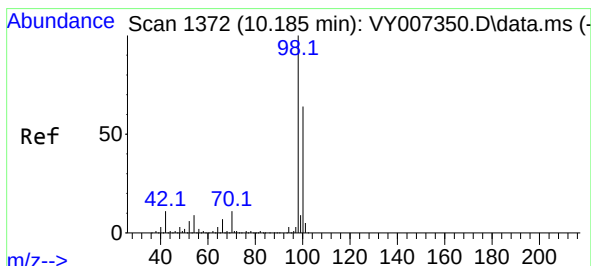
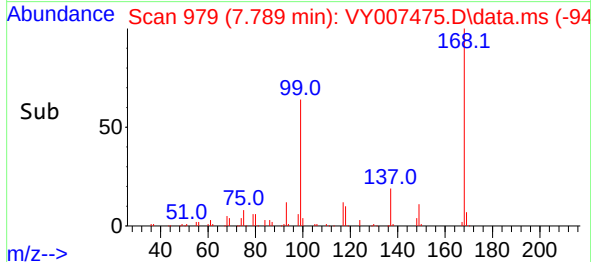
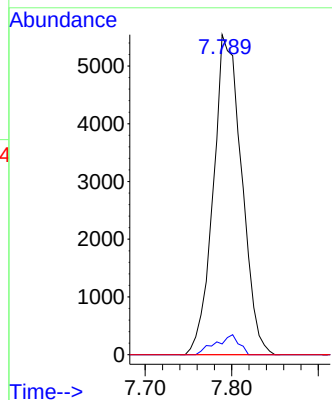


#38
Carbon Tetrachloride
Concen: 4.816 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY007475.D
Acq: 11 Feb 2022 11:24

Instrument :
MSVOA_Y
ClientSampleId :

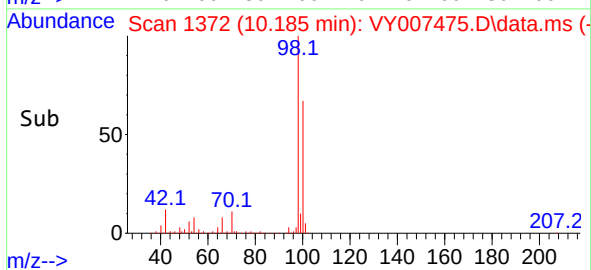
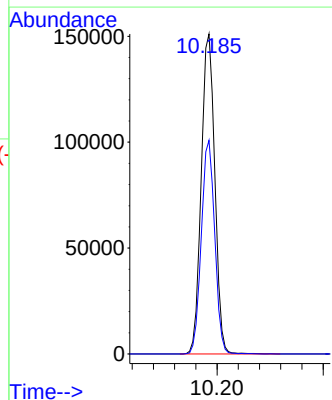
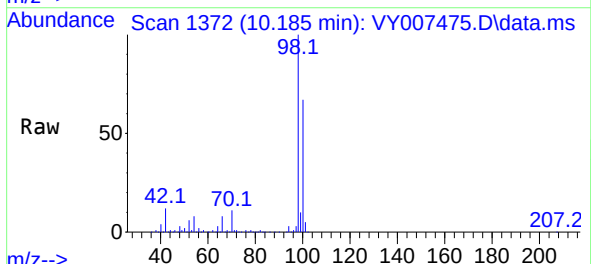


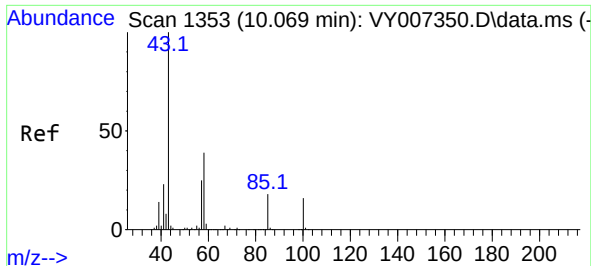
Tgt Ion:117 Resp: 12584
Ion Ratio Lower Upper
117 100
119 3.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.880 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007475.D
Acq: 11 Feb 2022 11:24

Tgt Ion: 98 Resp: 267401
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

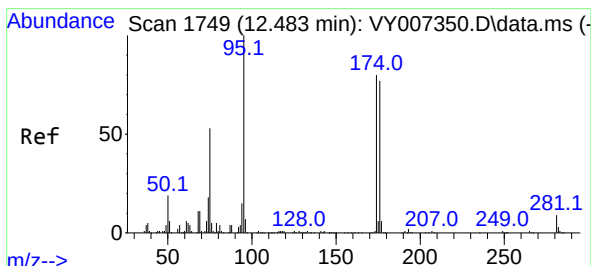
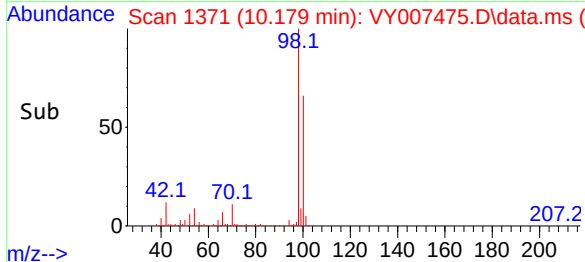
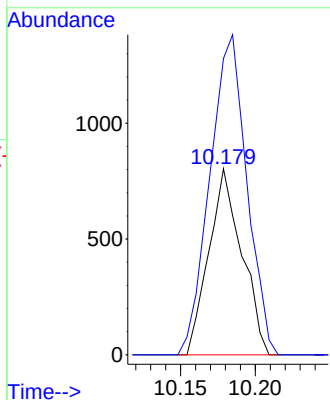
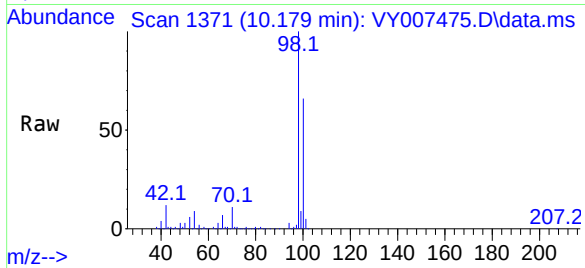




#51
4-Methyl-2-Pentanone
Concen: 1.051 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY007475.D
Acq: 11 Feb 2022 11:24

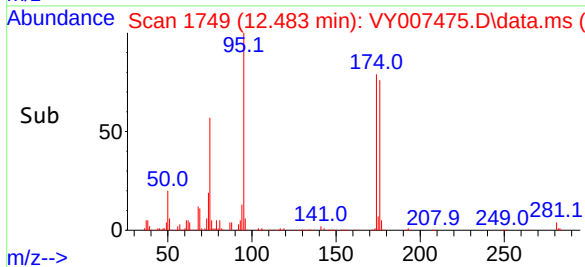
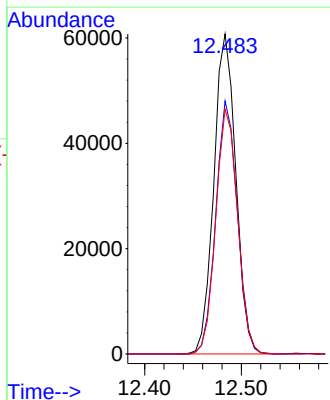
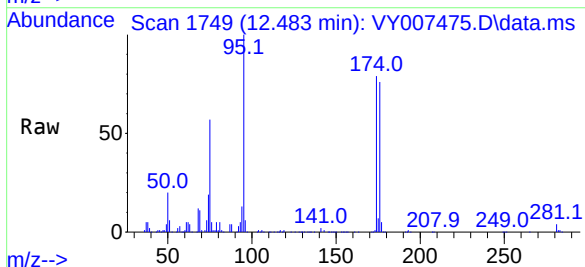
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MSVOA_Y
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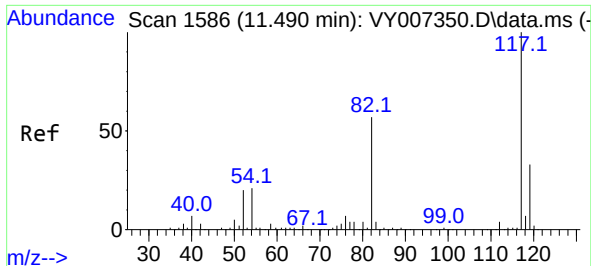
Tgt Ion: 43 Resp: 1233
Ion Ratio Lower Upper
43 100
58 192.7 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 53.617 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007475.D
Acq: 11 Feb 2022 11:24

Tgt Ion: 95 Resp: 95774
Ion Ratio Lower Upper
95 100
174 77.7 0.0 177.0
176 75.8 0.0 175.8

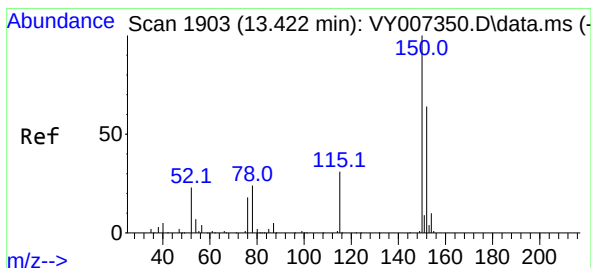
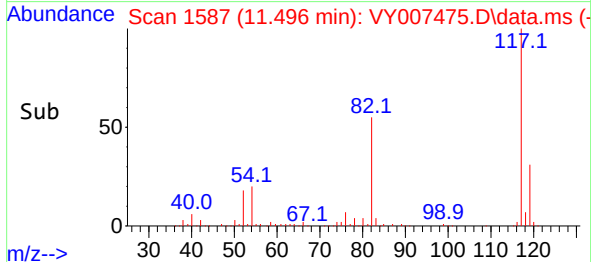
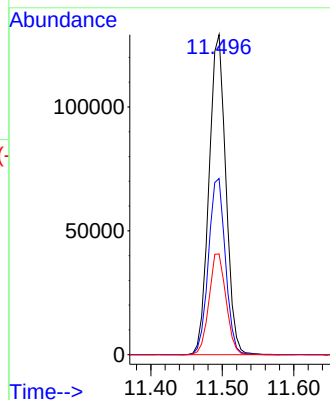
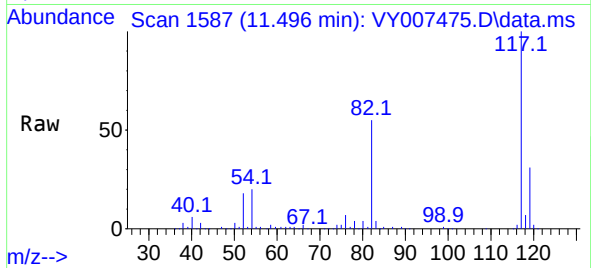




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007475.D
Acq: 11 Feb 2022 11:24

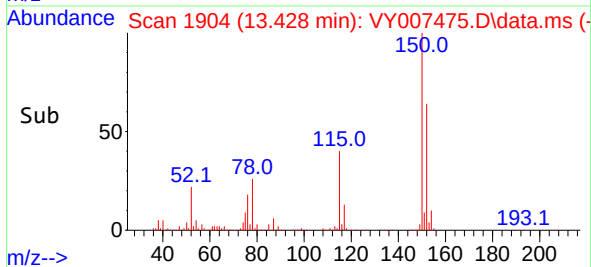
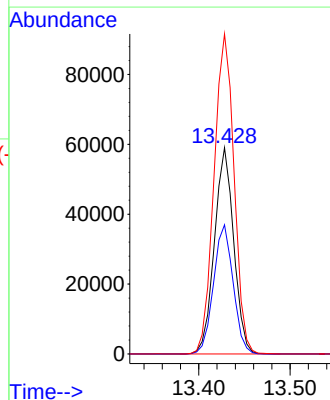
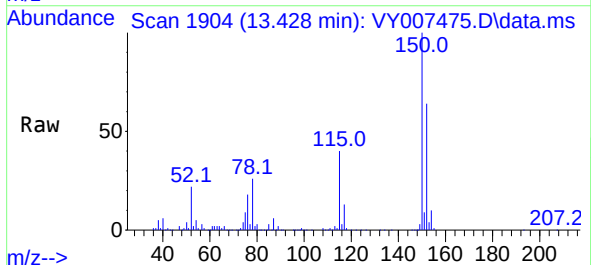
Instrument :
MSVOA_Y
ClientSampleId :

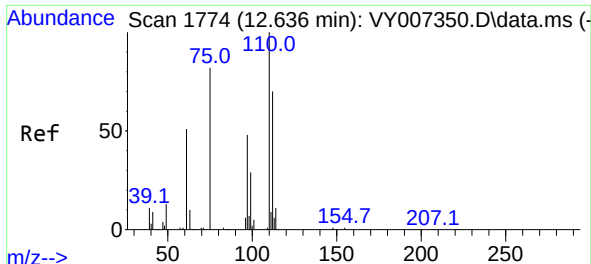
Tgt Ion:117 Resp: 211250
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007475.D
Acq: 11 Feb 2022 11:24

Tgt Ion:152 Resp: 86708
Ion Ratio Lower Upper
152 100
115 63.4 28.2 84.7
150 161.0 0.0 347.6

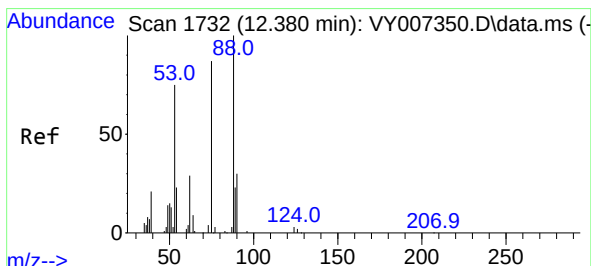
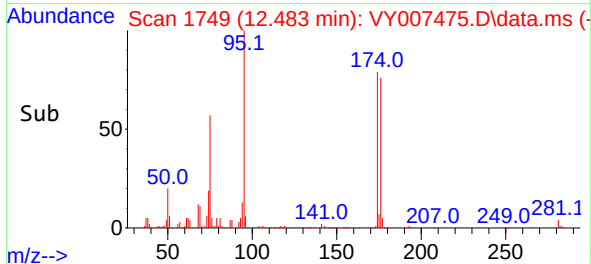
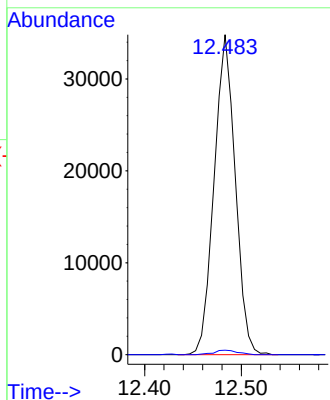
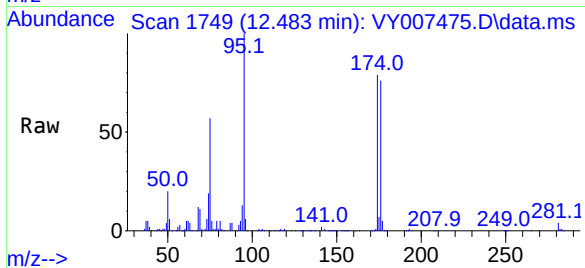




#76
1,2,3-Trichloropropane
Concen: 51.084 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007475.D
Acq: 11 Feb 2022 11:24

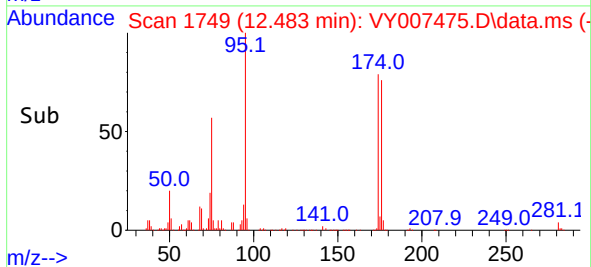
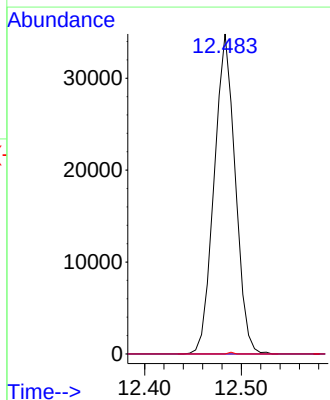
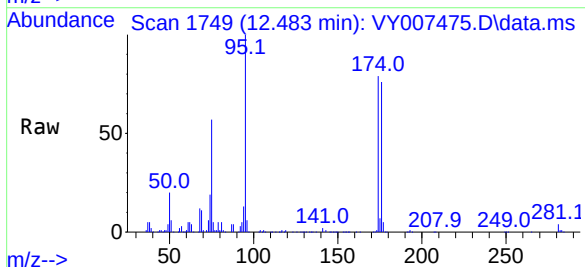
Instrument :
MSVOA_Y
ClientSampleId :

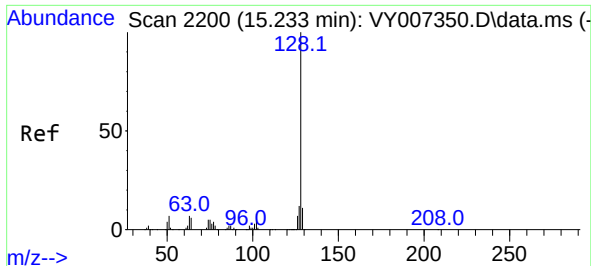
Tgt Ion: 75 Resp: 52657
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.342 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007475.D
Acq: 11 Feb 2022 11:24

Tgt Ion: 75 Resp: 52657
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#





#95

Naphthalene

Concen: 2.892 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

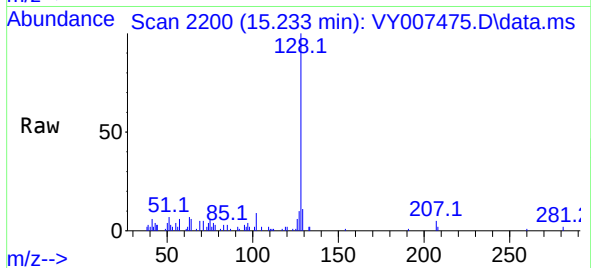
Lab File: VY007475.D

Acq: 11 Feb 2022 11:24

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 10139

Ion Ratio Lower Upper

128 100

127 14.7 11.0 16.4

129 11.7 8.4 12.6

