

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011320.D
 Acq On : 04 Nov 2022 23:56
 Operator : KP/MD
 Sample : N5436-11
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 01:57:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

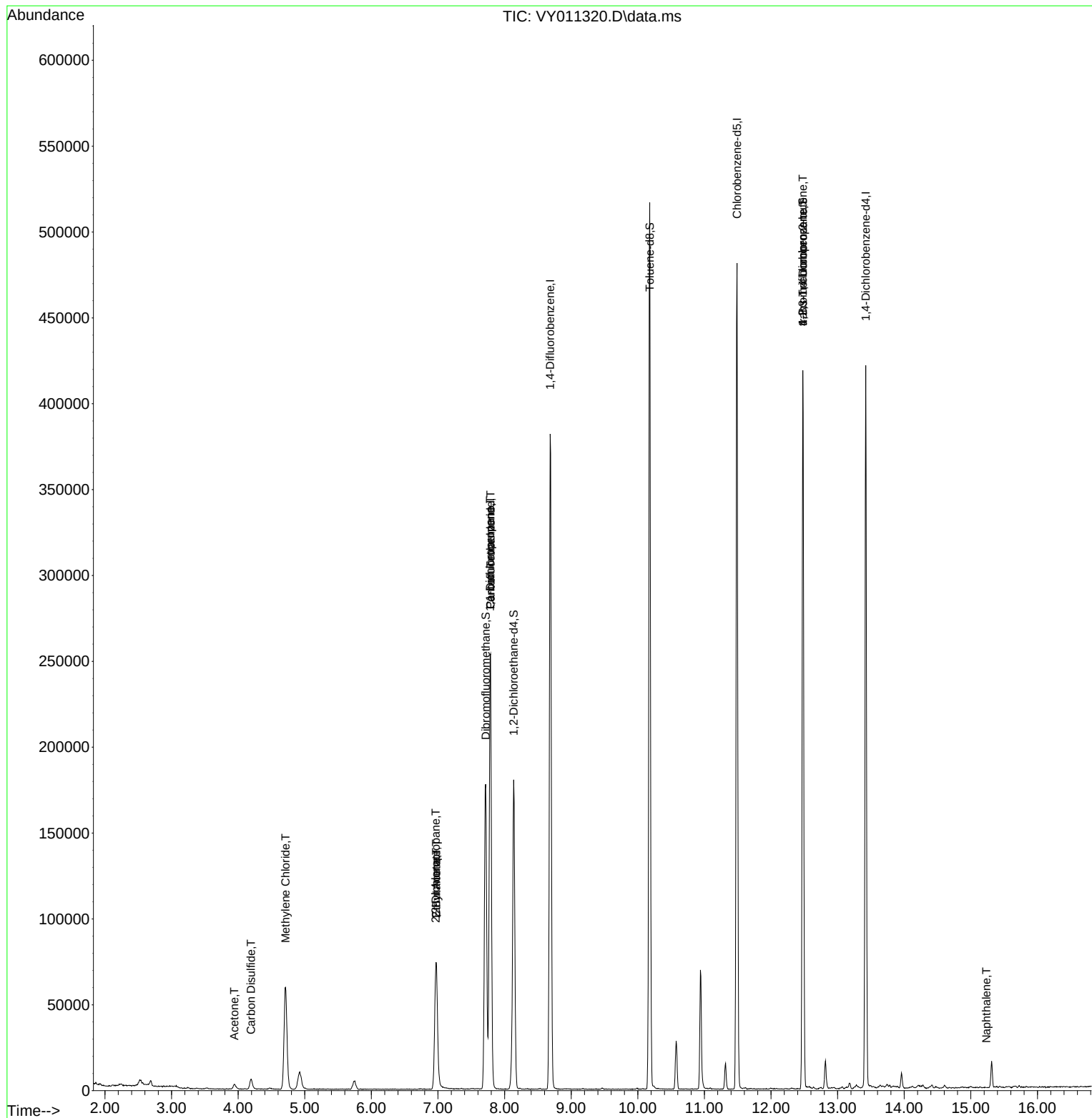
Internal Standards						
1) Pentafluorobenzene	7.789	168	204241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	339386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	274695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	111334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	131917	60.391	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.780%	
35) Dibromofluoromethane	7.716	113	131683	60.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.780%	
50) Toluene-d8	10.179	98	343308	40.551	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 81.100%	
62) 4-Bromofluorobenzene	12.477	95	128333	43.664	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.320%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	49	Below Cal	#	43
11) Tert butyl alcohol	4.923	59	10262	Below Cal	#	77
16) Acetone	3.942	43	5399	8.188	ug/l #	82
17) Carbon Disulfide	4.192	76	7974	1.093	ug/l	97
20) Methylene Chloride	4.710	84	48171	14.270	ug/l #	82
25) 2-Butanone	6.972	43	4067	4.384	ug/l #	85
26) 2,2-Dichloropropane	6.966	77	5781	1.447	ug/l #	55
36) 1,1-Dichloropropene	7.783	75	15212	4.272	ug/l #	50
37) Ethyl Acetate	6.972	43	4067	2.119	ug/l #	1
38) Carbon Tetrachloride	7.789	117	19966	5.405	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	62826	46.352	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62826	99.200	ug/l #	7
95) Naphthalene	15.233	128	236	4.013	ug/l #	69

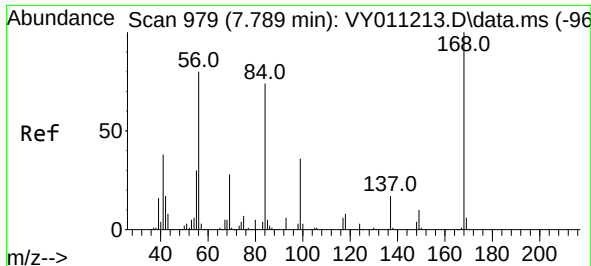
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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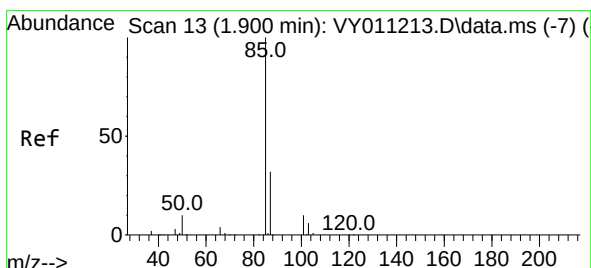
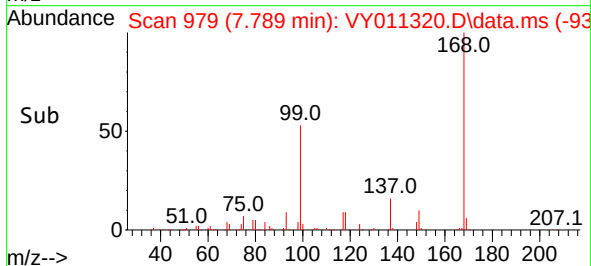
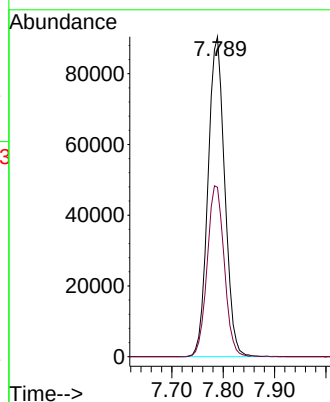
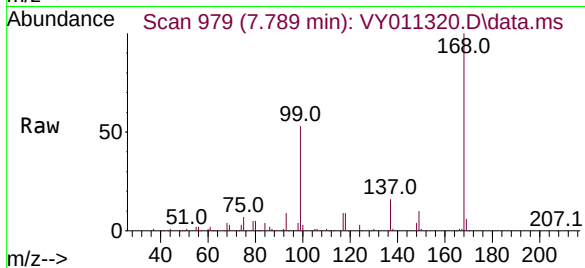




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011320.D
Acq: 04 Nov 2022 23:56

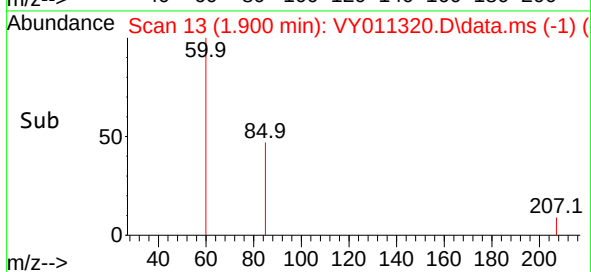
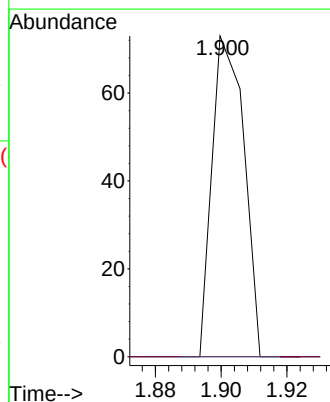
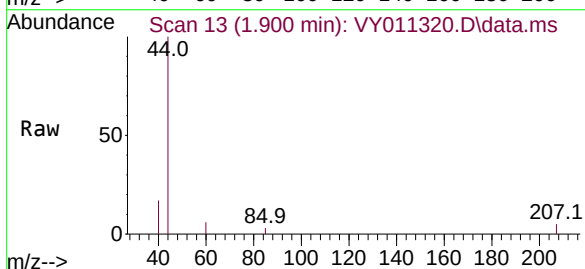
Instrument :
MSVOA_Y
ClientSampleId :

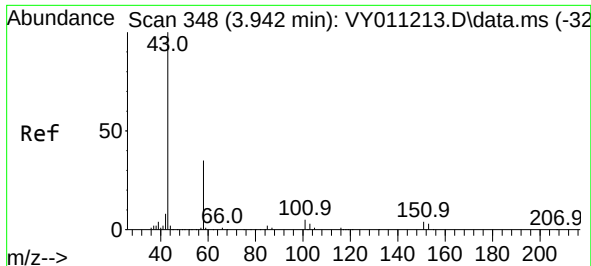
Tgt Ion:168 Resp: 204241
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011320.D
Acq: 04 Nov 2022 23:56

Tgt Ion: 85 Resp: 49
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#16

Acetone

Concen: 8.188 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

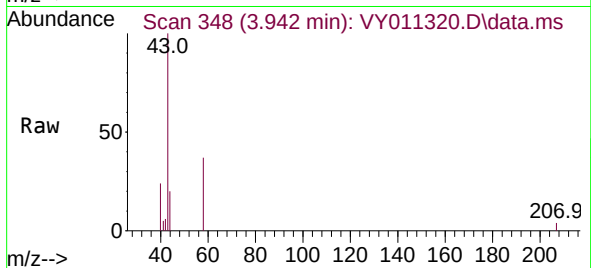
Lab File: VY011320.D

Acq: 04 Nov 2022 23:56

Instrument :

MSVOA_Y

ClientSampleId :

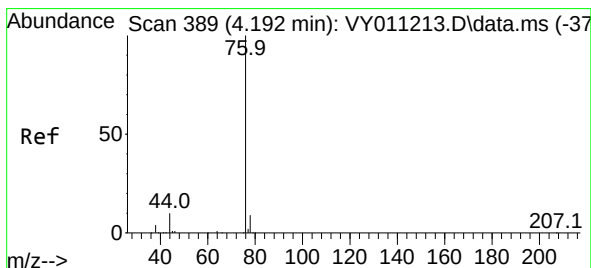
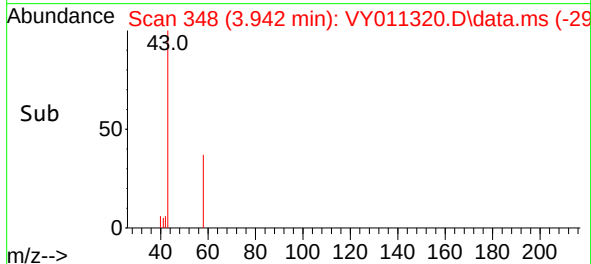
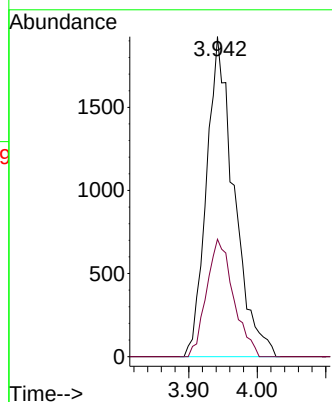


Tgt Ion: 43 Resp: 5399

Ion Ratio Lower Upper

43 100

58 36.7 22.0 33.0#



#17

Carbon Disulfide

Concen: 1.093 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY011320.D

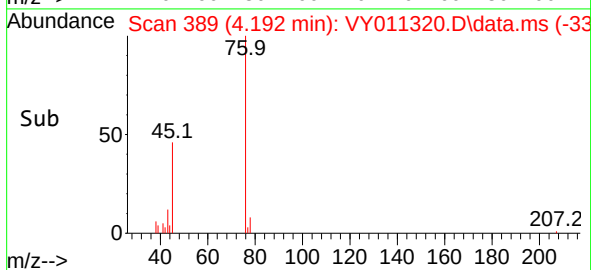
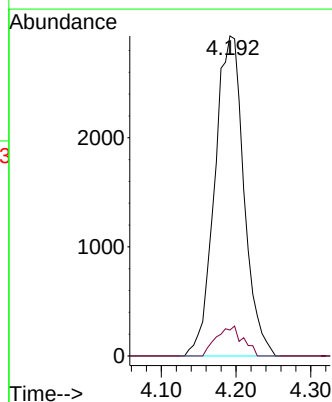
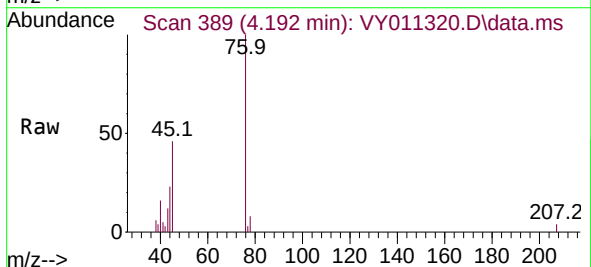
Acq: 04 Nov 2022 23:56

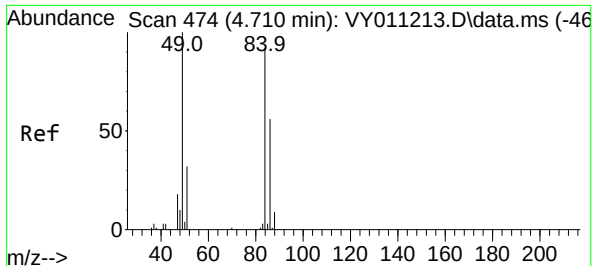
Tgt Ion: 76 Resp: 7974

Ion Ratio Lower Upper

76 100

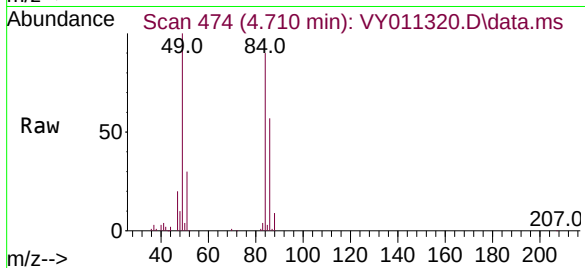
78 8.1 7.4 11.0



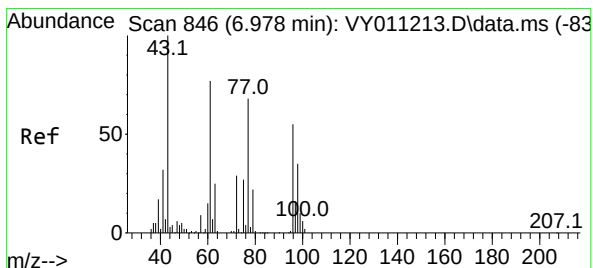
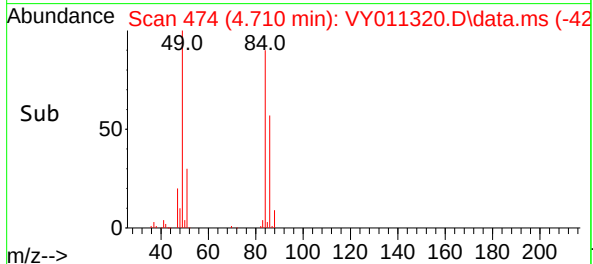
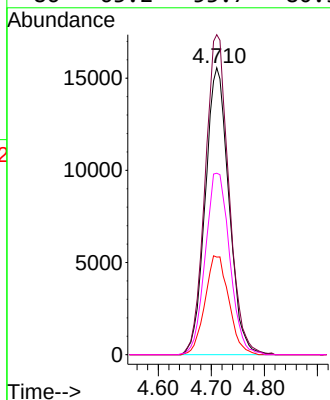


#20
Methylene Chloride
Concen: 14.270 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011320.D
Acq: 04 Nov 2022 23:56

Instrument :
MSVOA_Y
ClientSampleId :

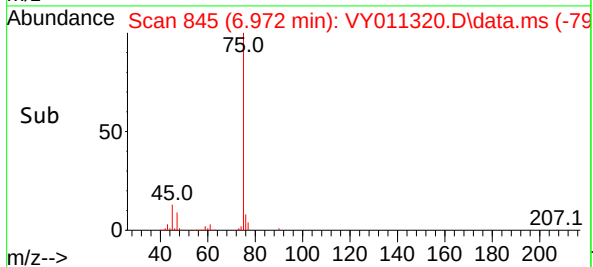
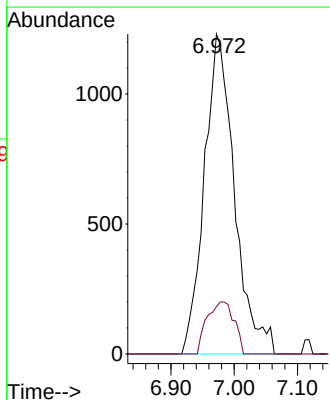
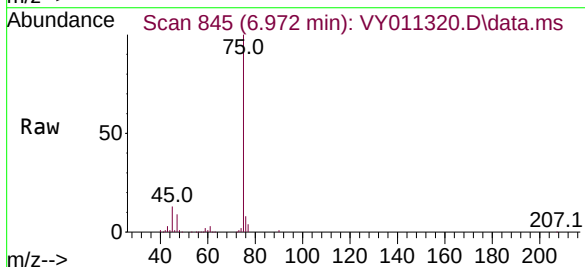


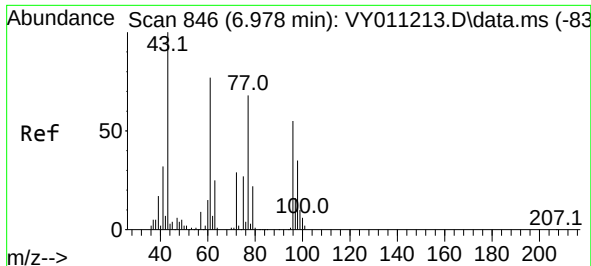
Tgt Ion: 84 Resp: 48171
Ion Ratio Lower Upper
84 100
49 111.5 114.4 171.6#
51 34.0 35.3 52.9#
86 63.2 53.7 80.5



#25
2-Butanone
Concen: 4.384 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011320.D
Acq: 04 Nov 2022 23:56

Tgt Ion: 43 Resp: 4067
Ion Ratio Lower Upper
43 100
72 14.8 17.7 26.5#

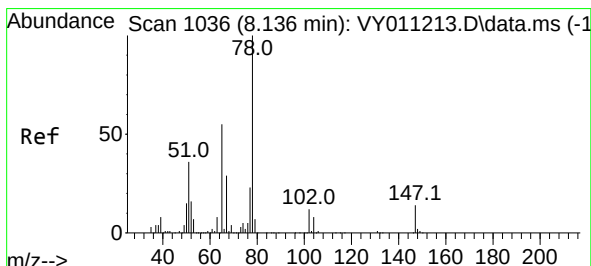
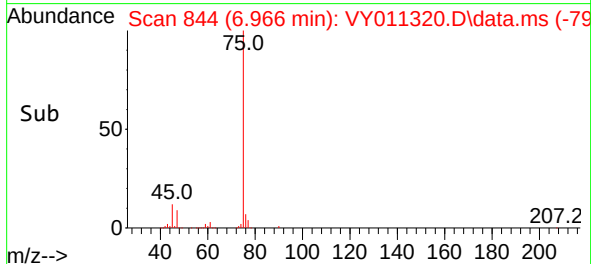
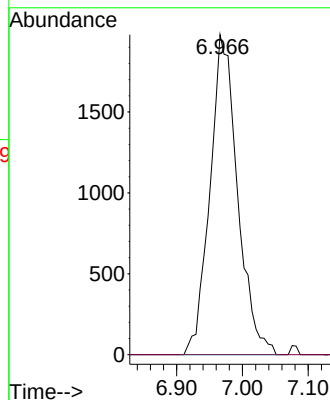
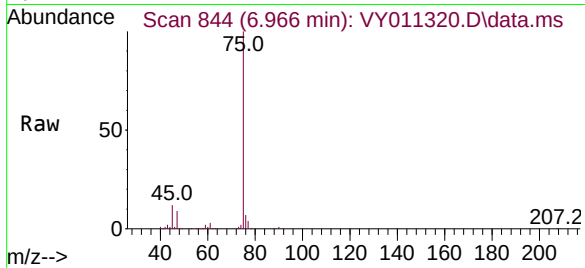




#26
2,2-Dichloropropane
Concen: 1.447 ug/l
RT: 6.966 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY011320.D
Acq: 04 Nov 2022 23:56

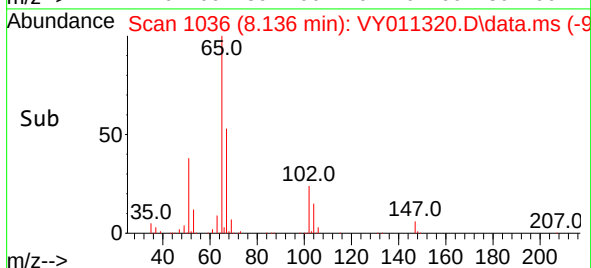
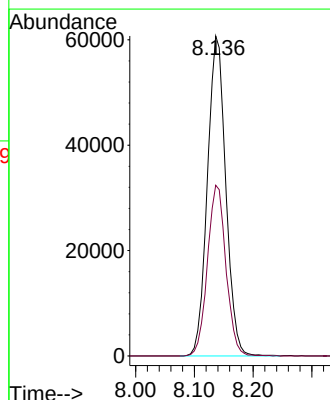
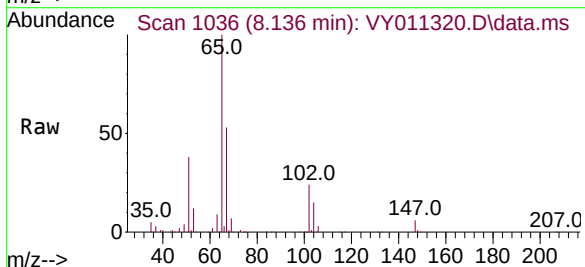
Instrument :
MSVOA_Y
ClientSampleId :

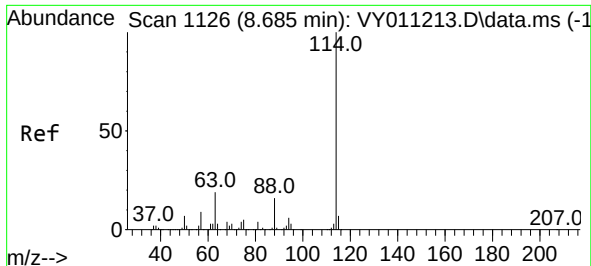
Tgt Ion: 77 Resp: 5781
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#33
1,2-Dichloroethane-d4
Concen: 60.391 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011320.D
Acq: 04 Nov 2022 23:56

Tgt Ion: 65 Resp: 131917
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011320.D

Acq: 04 Nov 2022 23:56

Instrument :

MSVOA_Y

ClientSampleId :

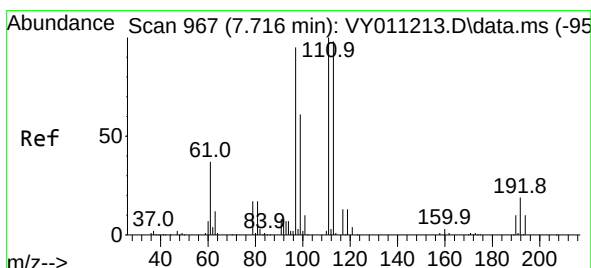
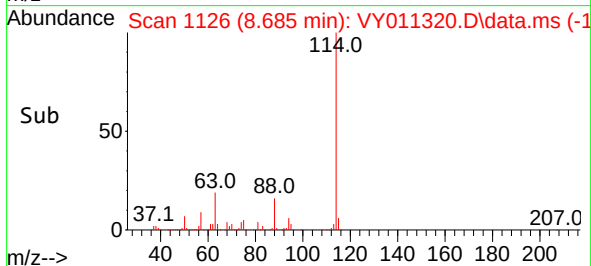
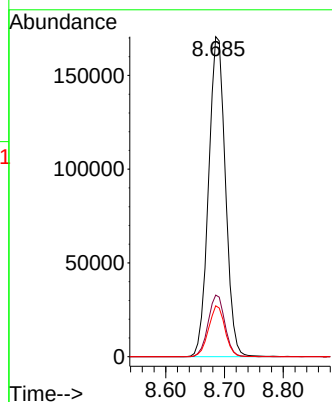
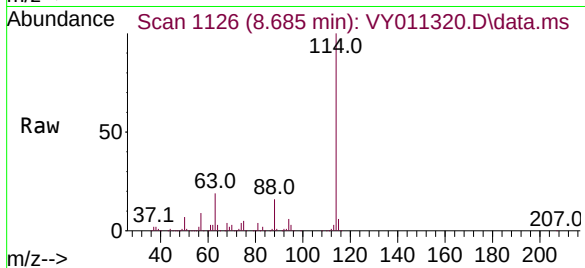
Tgt Ion:114 Resp: 339386

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 60.390 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011320.D

Acq: 04 Nov 2022 23:56

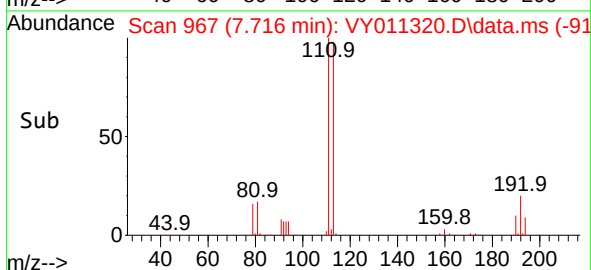
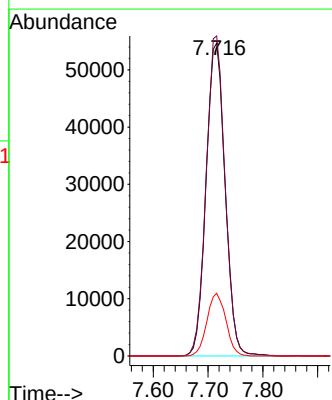
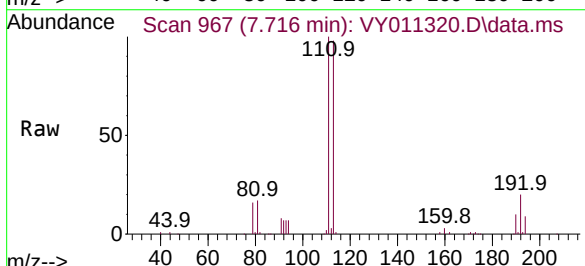
Tgt Ion:113 Resp: 131683

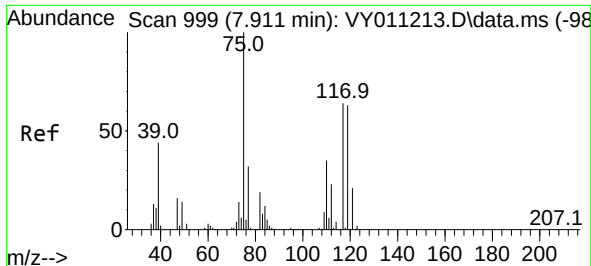
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 19.9 17.6 26.4

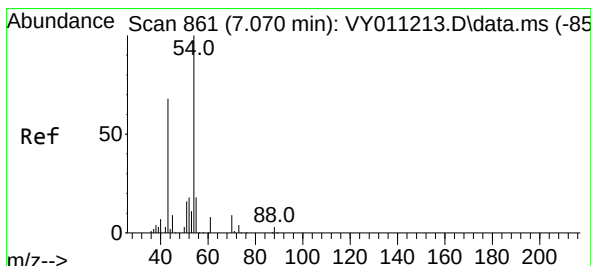
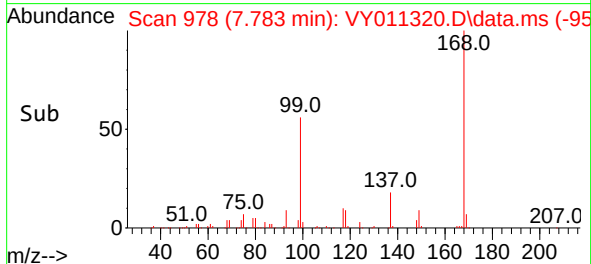
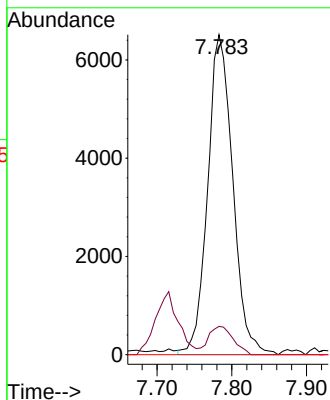
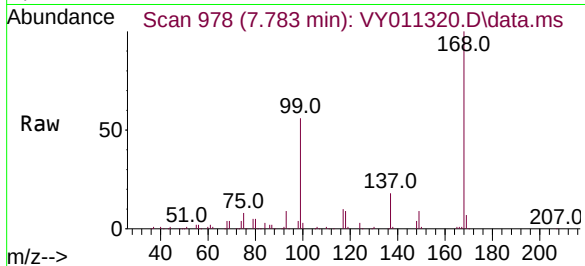




#36
1,1-Dichloropropene
Concen: 4.272 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011320.D
Acq: 04 Nov 2022 23:56

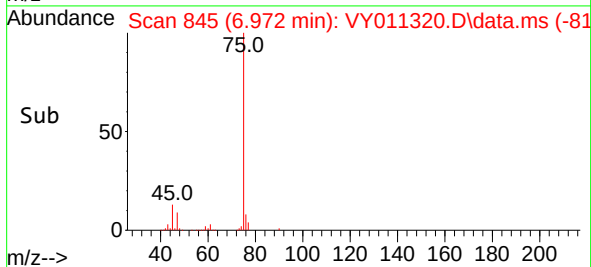
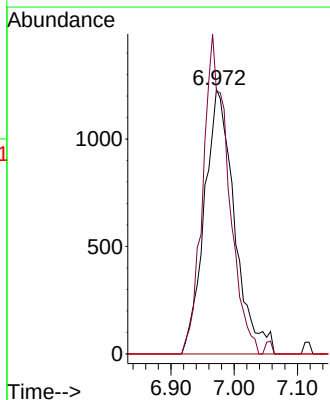
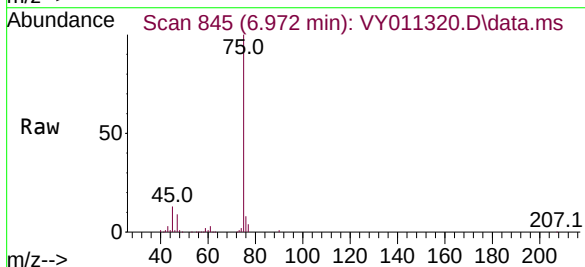
Instrument :
MSVOA_Y
ClientSampleId :

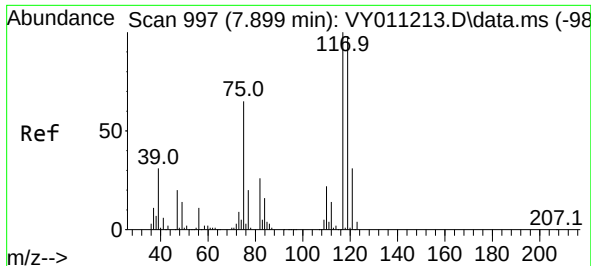
Tgt Ion: 75 Resp: 15212
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.119 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY011320.D
Acq: 04 Nov 2022 23:56

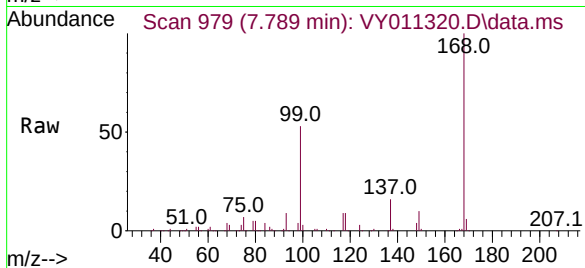
Tgt Ion: 43 Resp: 4067
Ion Ratio Lower Upper
43 100
61 102.0 9.7 14.5#
70 0.0 7.1 10.7#



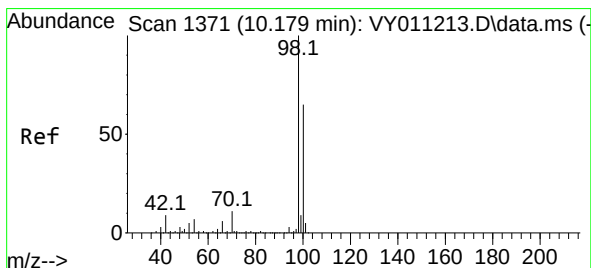
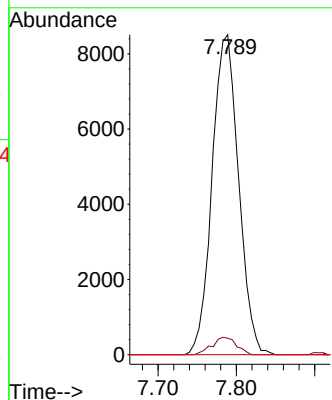
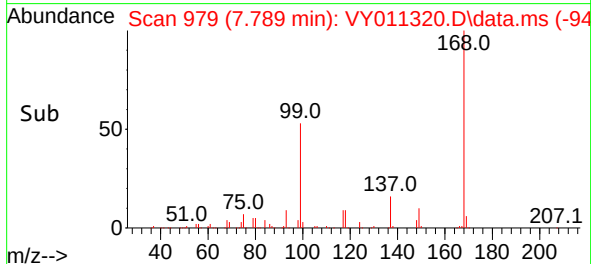


#38
Carbon Tetrachloride
Concen: 5.405 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011320.D
Acq: 04 Nov 2022 23:56

Instrument :
MSVOA_Y
ClientSampleId :

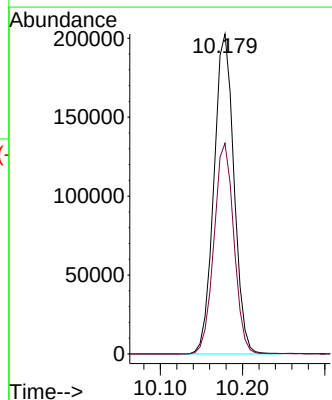
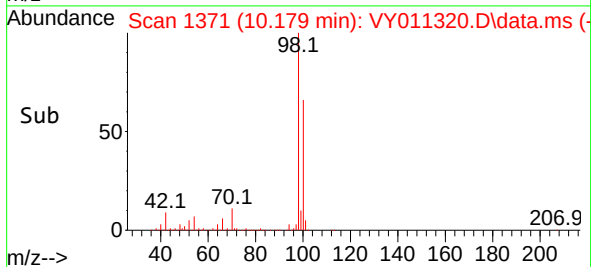
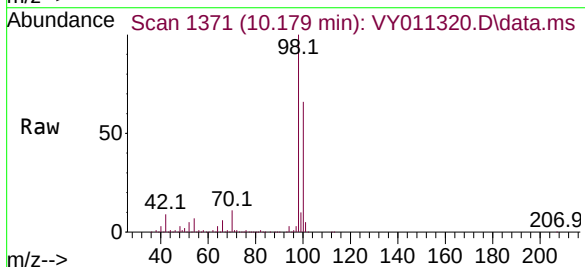


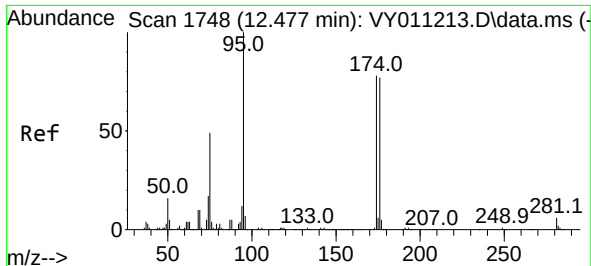
Tgt Ion:117 Resp: 19966
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 40.551 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011320.D
Acq: 04 Nov 2022 23:56

Tgt Ion: 98 Resp: 343308
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

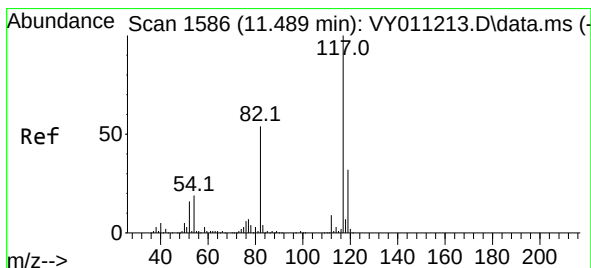
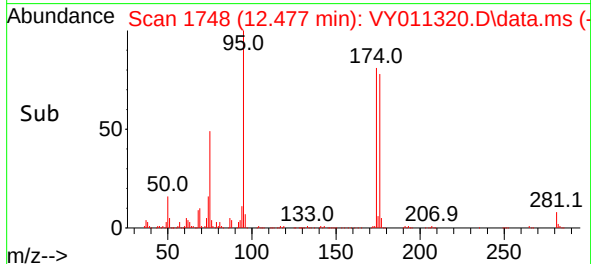
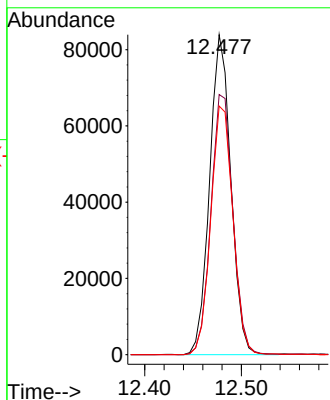
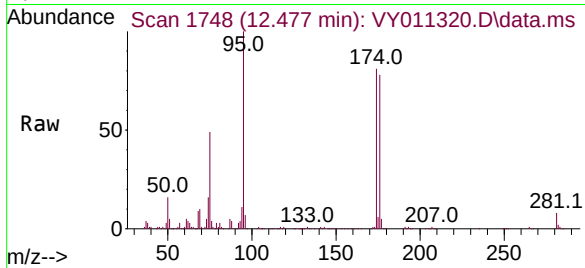




#62
4-Bromofluorobenzene
Concen: 43.664 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011320.D
Acq: 04 Nov 2022 23:56

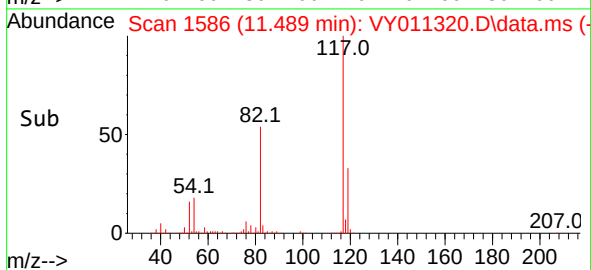
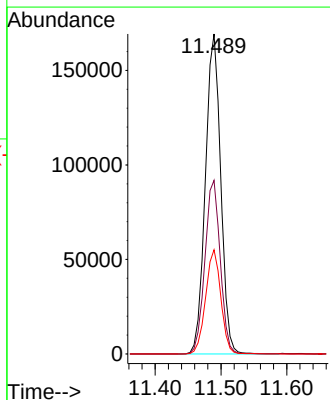
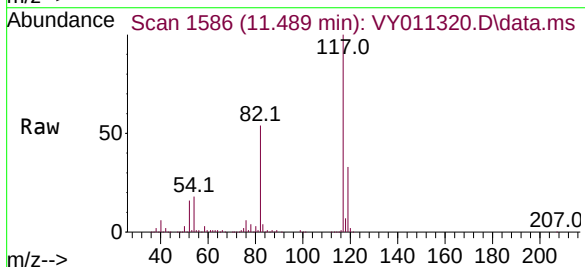
Instrument :
MSVOA_Y
ClientSampleId :

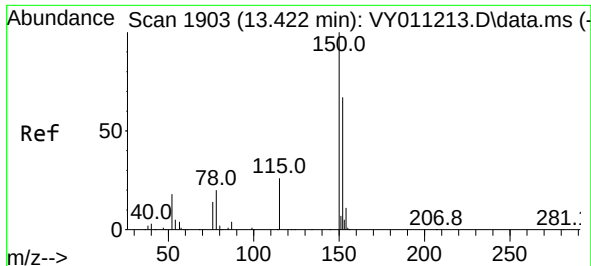
Tgt Ion: 95 Resp: 128333
Ion Ratio Lower Upper
95 100
174 84.2 0.0 177.0
176 81.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011320.D
Acq: 04 Nov 2022 23:56

Tgt Ion: 117 Resp: 274695
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 32.6 25.4 38.0

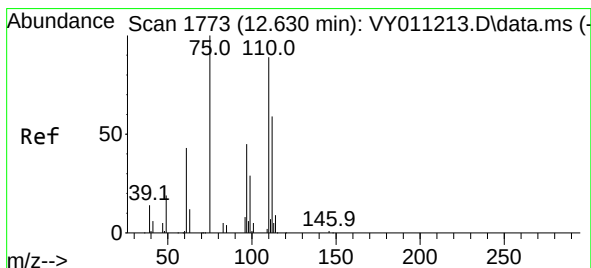
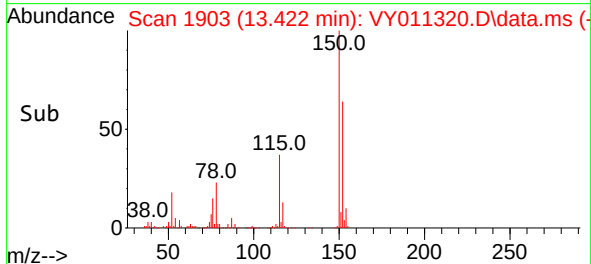
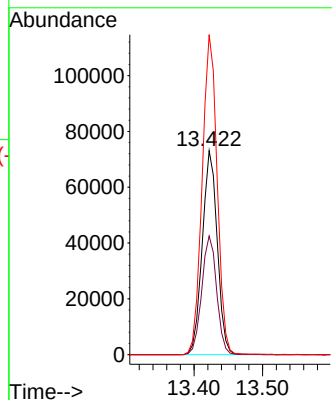
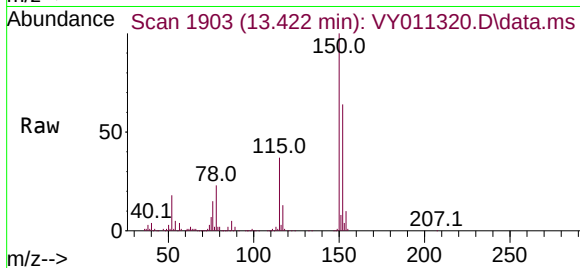




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY011320.D
 Acq: 04 Nov 2022 23:56

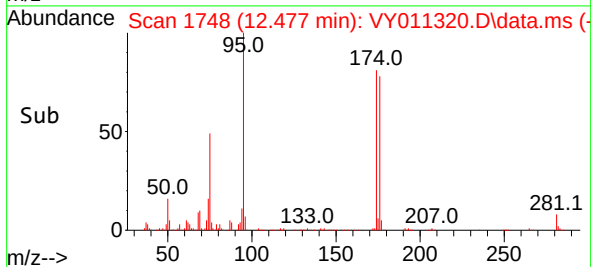
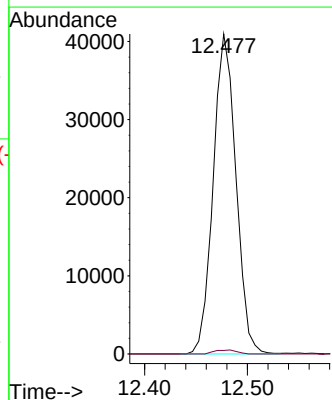
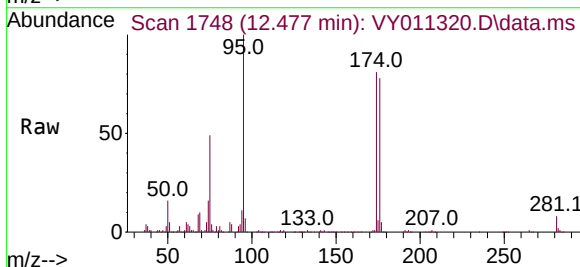
Instrument :
 MSVOA_Y
 ClientSampleId :

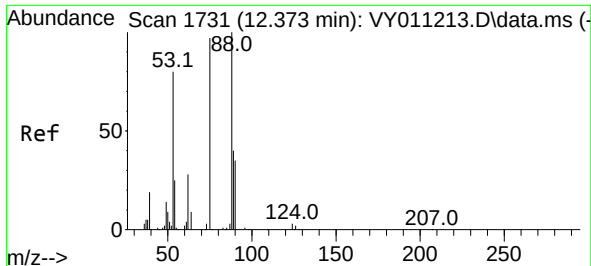
Tgt Ion:152 Resp: 111334
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.2 84.7
 150 157.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.352 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011320.D
 Acq: 04 Nov 2022 23:56

Tgt Ion: 75 Resp: 62826
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

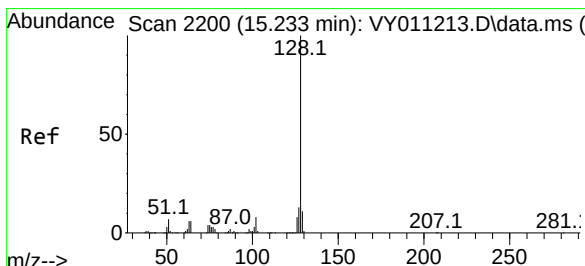
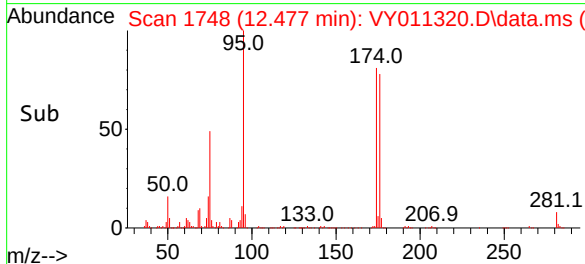
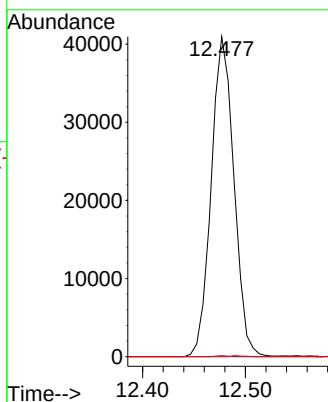
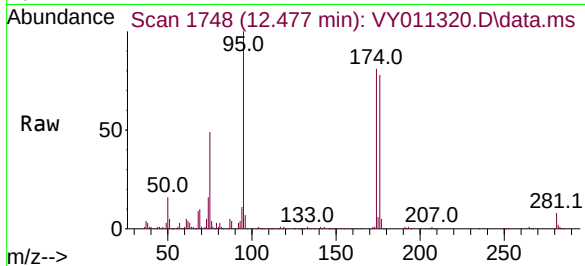




#81
trans-1,4-Dichloro-2-butene
Concen: 99.200 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011320.D
Acq: 04 Nov 2022 23:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 62826
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.2 37.0 55.4#



#95
Naphthalene
Concen: 4.013 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011320.D
Acq: 04 Nov 2022 23:56

Tgt Ion: 128 Resp: 236
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

