

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011369.D
 Acq On : 08 Nov 2022 17:57
 Operator : KP/MD
 Sample : N5436-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 03:34:17 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)

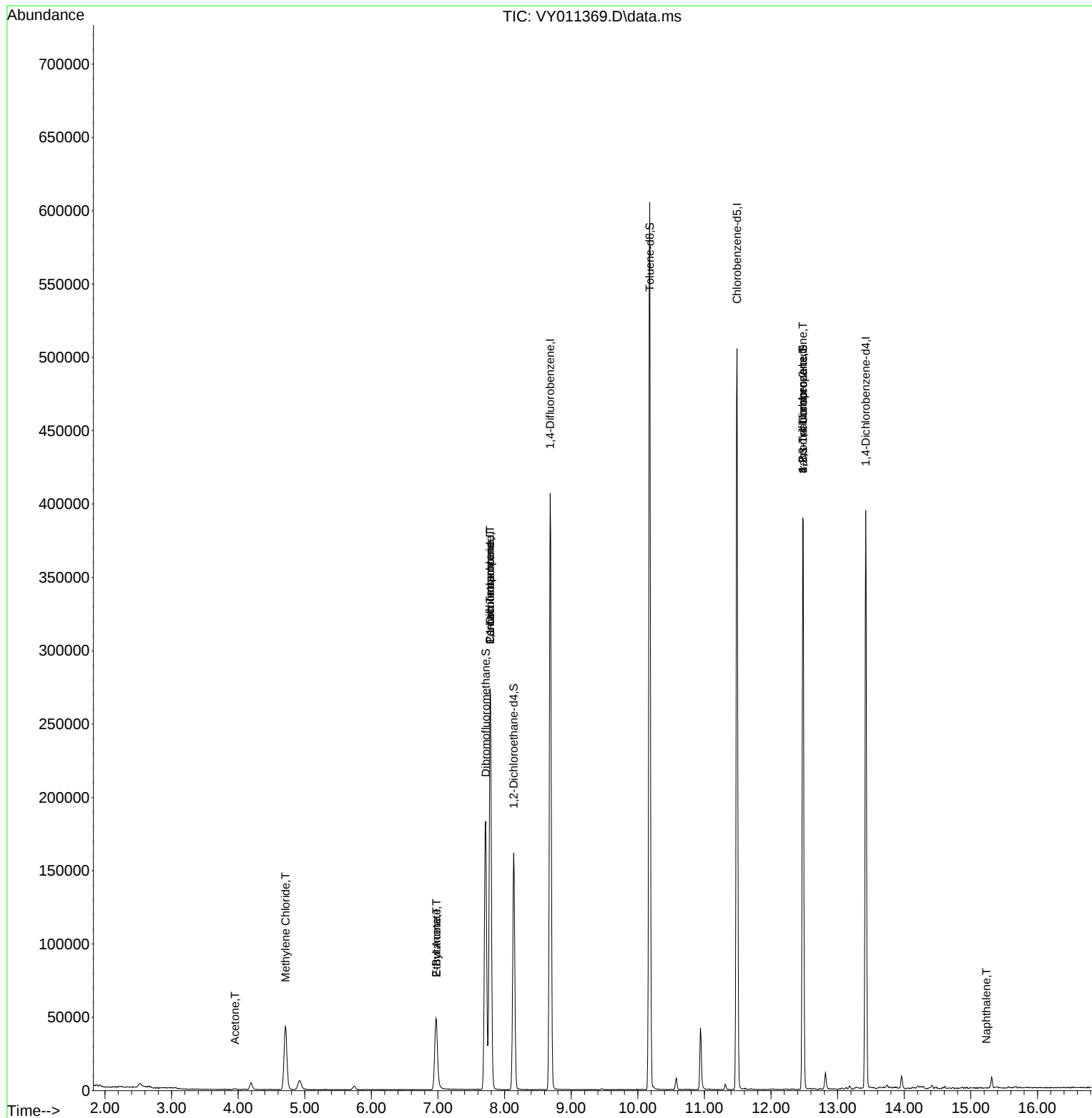
Internal Standards						
1) Pentafluorobenzene	7.783	168	223459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	365175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	291372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	106836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	121212	50.718	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.440%	
35) Dibromofluoromethane	7.716	113	133635	56.957	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.920%	
50) Toluene-d8	10.179	98	409054	44.904	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.800%	
62) 4-Bromofluorobenzene	12.477	95	123105	38.927	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.860%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	77	Below Cal	#	43
11) Tert butyl alcohol	4.924	59	6754	Below Cal	#	80
16) Acetone	3.954	43	1262	1.749	ug/l #	78
20) Methylene Chloride	4.710	84	34884	7.555	ug/l #	79
25) 2-Butanone	6.978	43	2742	2.701	ug/l #	81
36) 1,1-Dichloropropene	7.783	75	15980	4.171	ug/l #	51
37) Ethyl Acetate	6.978	43	2742	1.328	ug/l #	1
38) Carbon Tetrachloride	7.783	117	21378	5.378	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	59442	45.702	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59442	97.809	ug/l #	7
95) Naphthalene	15.233	128	675	4.099	ug/l #	82

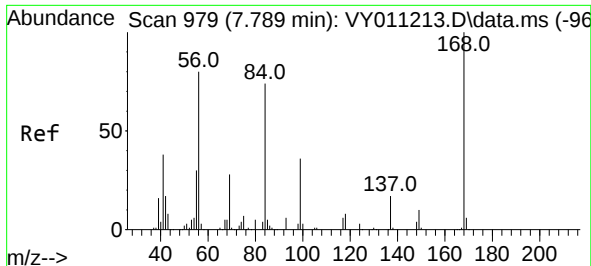
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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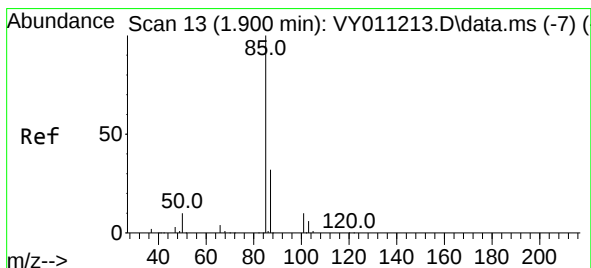
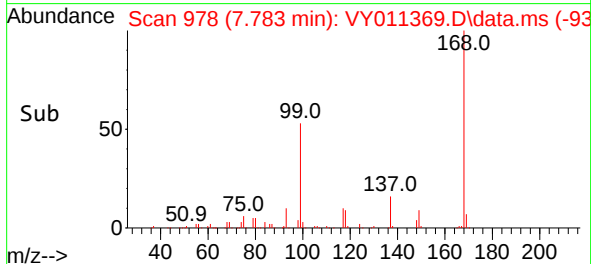
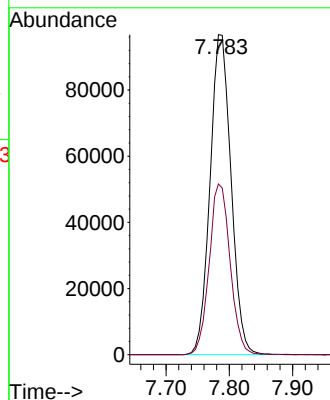
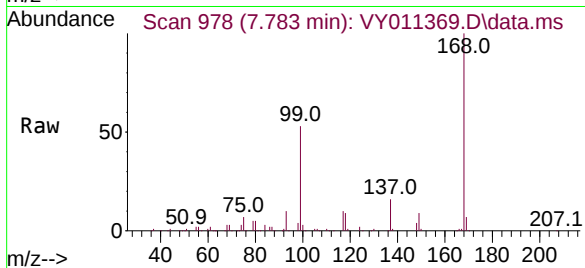




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011369.D
Acq: 08 Nov 2022 17:57

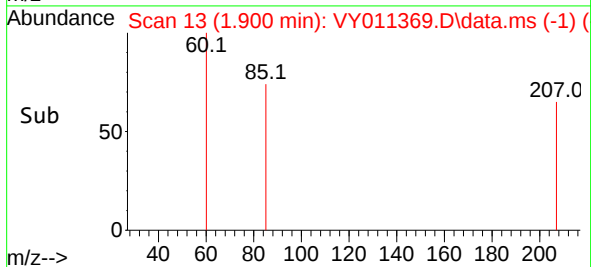
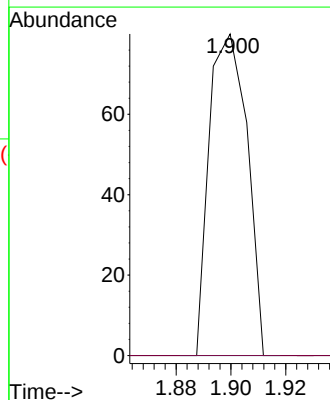
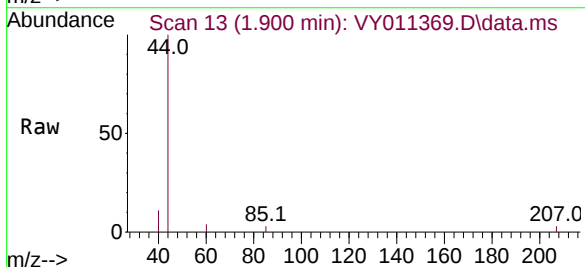
Instrument :
MSVOA_Y
ClientSampleId :

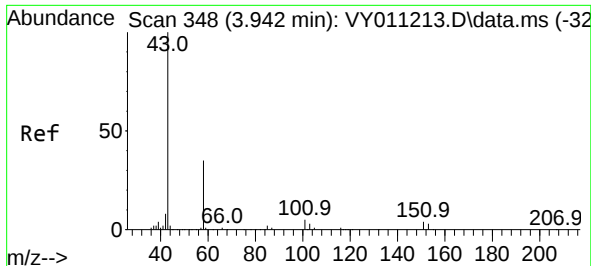
Tgt Ion:168 Resp: 223459
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011369.D
Acq: 08 Nov 2022 17:57

Tgt Ion: 85 Resp: 77
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

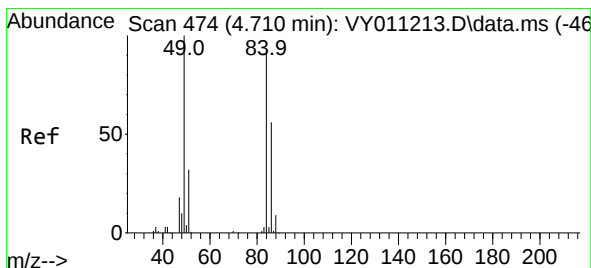
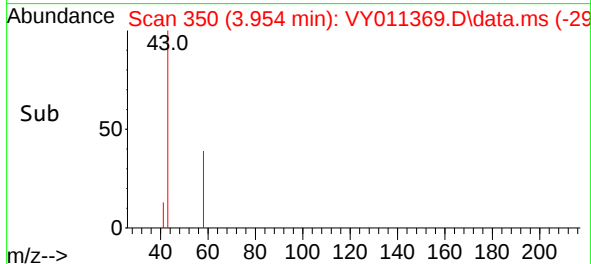
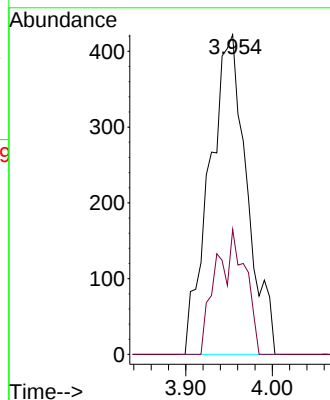
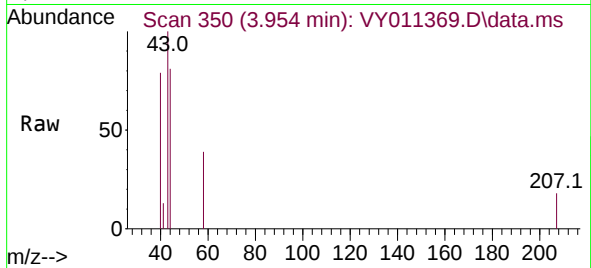




#16
Acetone
Concen: 1.749 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY011369.D
Acq: 08 Nov 2022 17:57

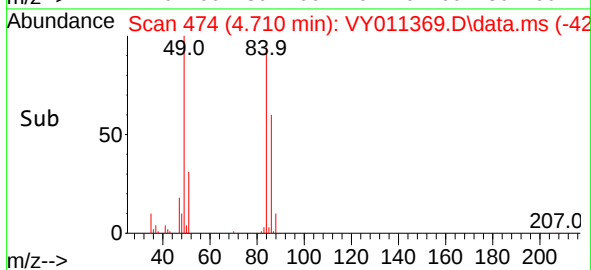
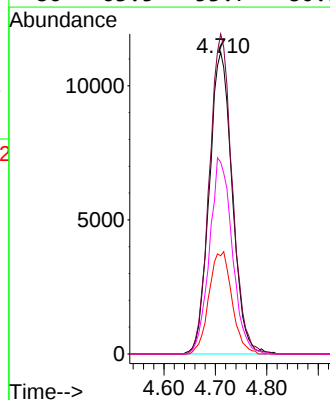
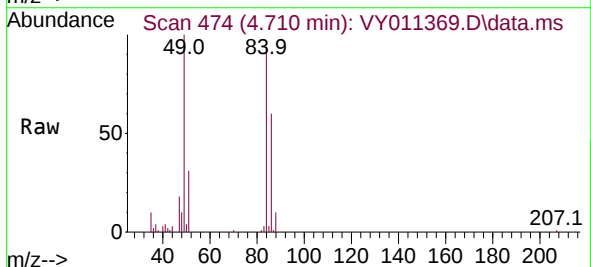
Instrument :
MSVOA_Y
ClientSampleId :

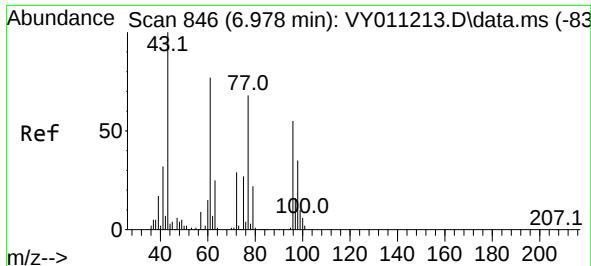
Tgt Ion: 43 Resp: 1262
Ion Ratio Lower Upper
43 100
58 39.1 22.0 33.0#



#20
Methylene Chloride
Concen: 7.555 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011369.D
Acq: 08 Nov 2022 17:57

Tgt Ion: 84 Resp: 34884
Ion Ratio Lower Upper
84 100
49 106.0 114.4 171.6#
51 32.5 35.3 52.9#
86 63.5 53.7 80.5

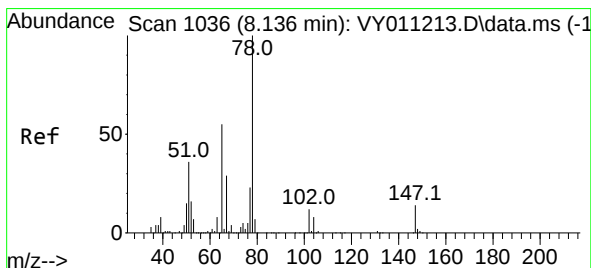
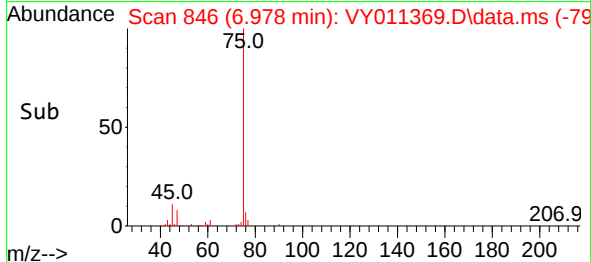
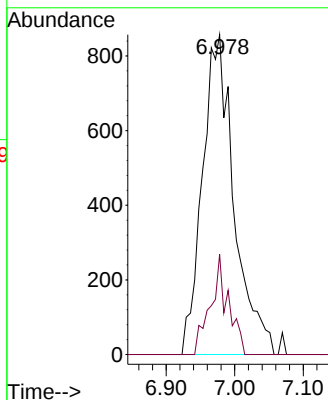
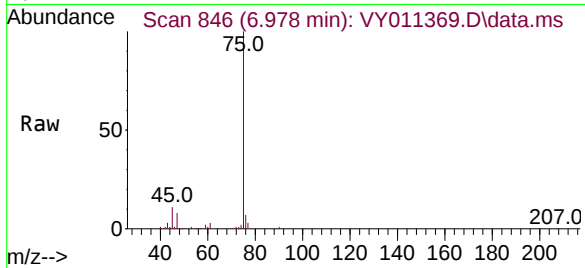




#25
2-Butanone
Concen: 2.701 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011369.D
Acq: 08 Nov 2022 17:57

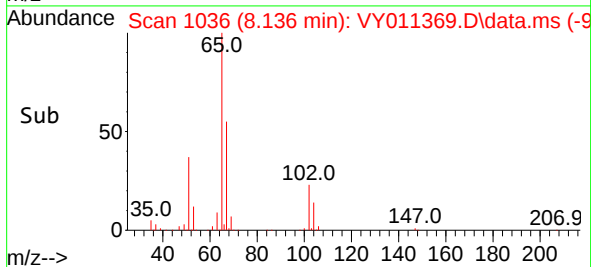
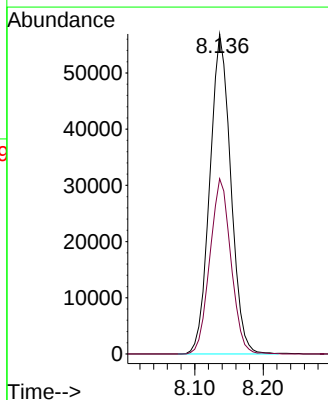
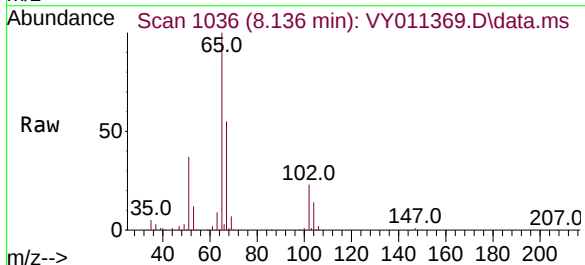
Instrument :
MSVOA_Y
ClientSampleId :

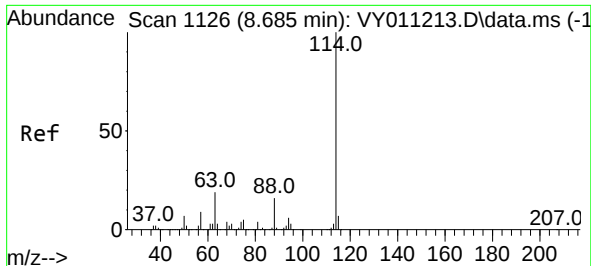
Tgt Ion: 43 Resp: 2742
Ion Ratio Lower Upper
43 100
72 31.4 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 50.718 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011369.D
Acq: 08 Nov 2022 17:57

Tgt Ion: 65 Resp: 121212
Ion Ratio Lower Upper
65 100
67 54.9 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: VY011369.D

Acq: 08 Nov 2022 17:57

Instrument :

MSVOA_Y

ClientSampleId :

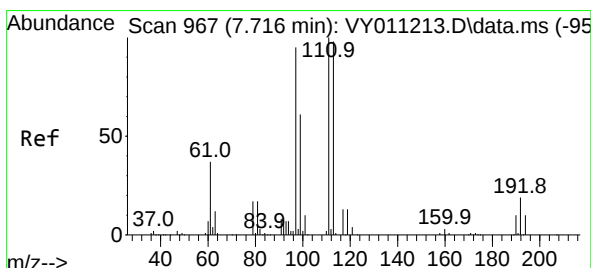
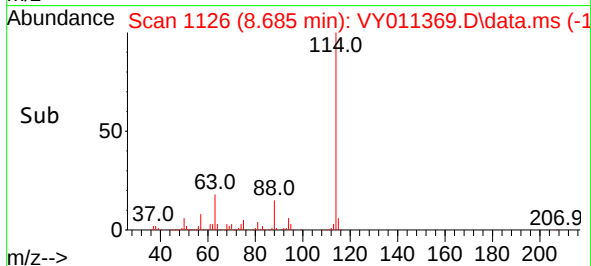
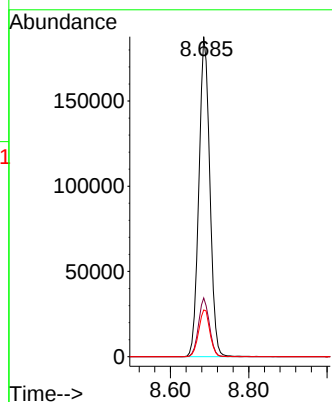
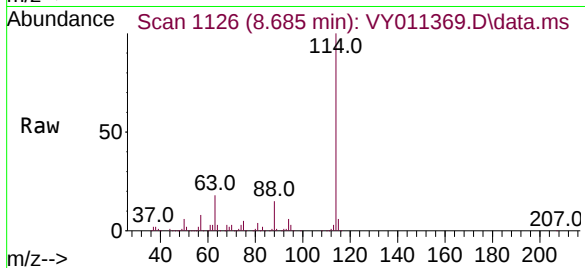
Tgt Ion:114 Resp: 365175

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.957 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011369.D

Acq: 08 Nov 2022 17:57

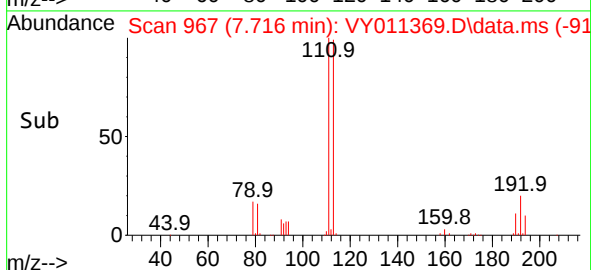
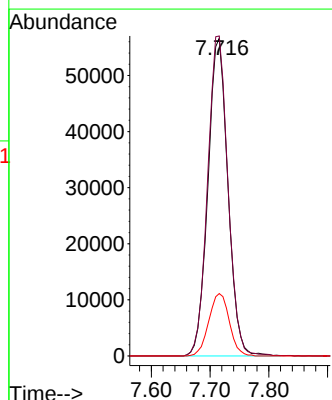
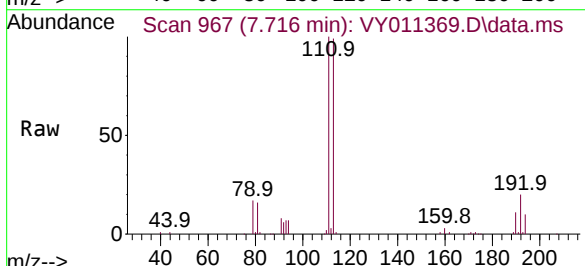
Tgt Ion:113 Resp: 133635

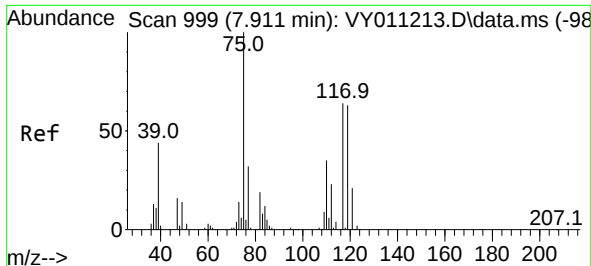
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 20.2 17.6 26.4

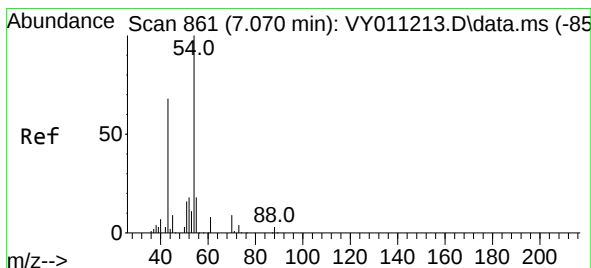
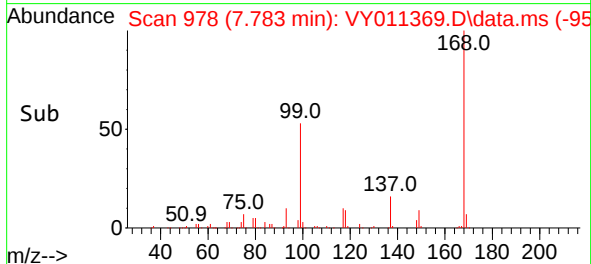
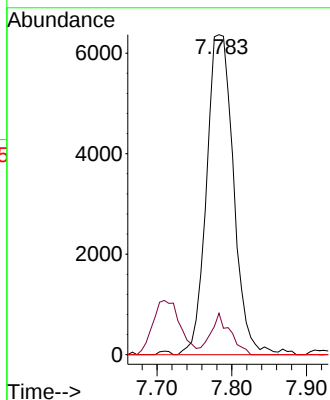
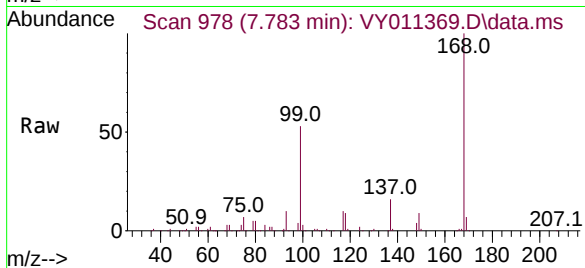




#36
1,1-Dichloropropene
Concen: 4.171 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011369.D
Acq: 08 Nov 2022 17:57

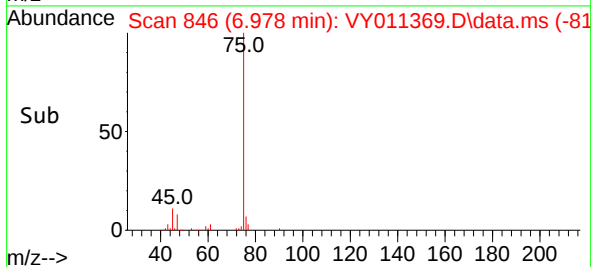
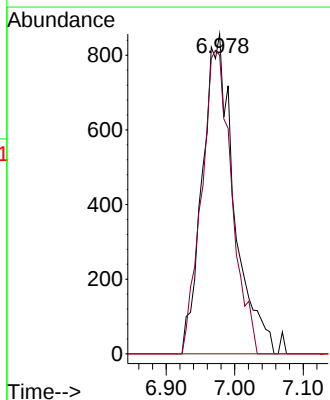
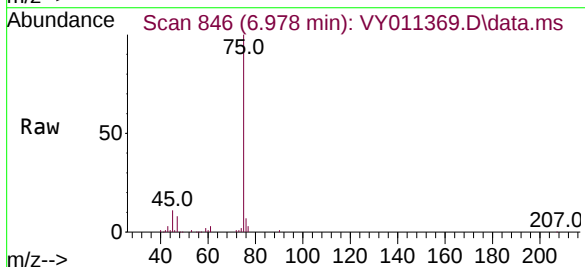
Instrument :
MSVOA_Y
ClientSampleId :

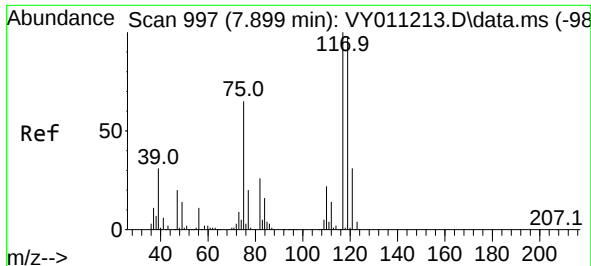
Tgt Ion: 75 Resp: 15980
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.328 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY011369.D
Acq: 08 Nov 2022 17:57

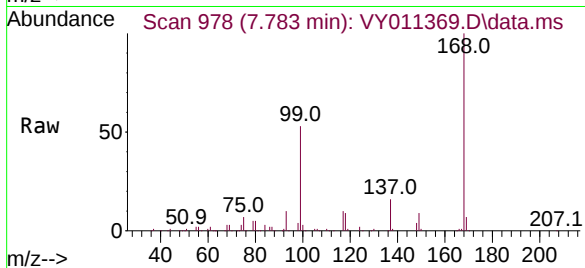
Tgt Ion: 43 Resp: 2742
Ion Ratio Lower Upper
43 100
61 90.6 9.7 14.5#
70 0.0 7.1 10.7#



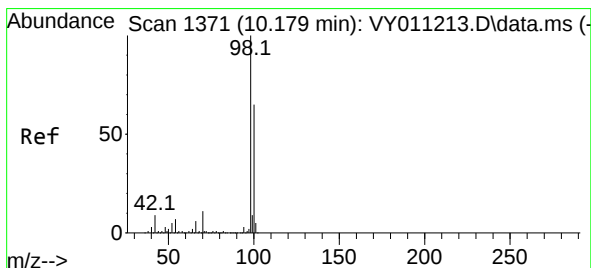
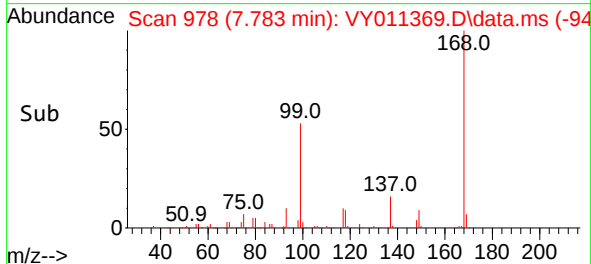
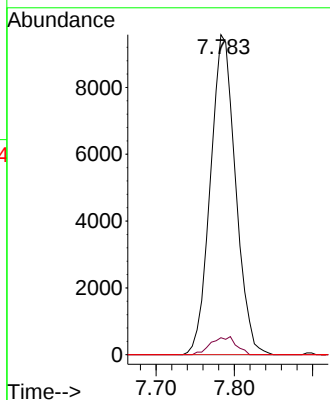


#38
Carbon Tetrachloride
Concen: 5.378 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011369.D
Acq: 08 Nov 2022 17:57

Instrument :
MSVOA_Y
ClientSampleId :

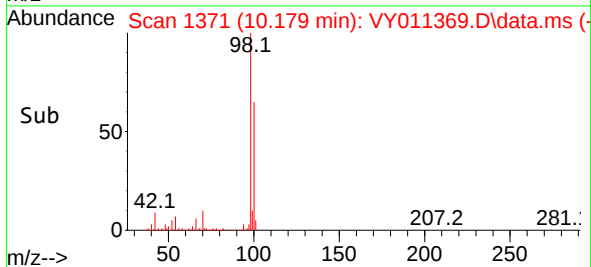
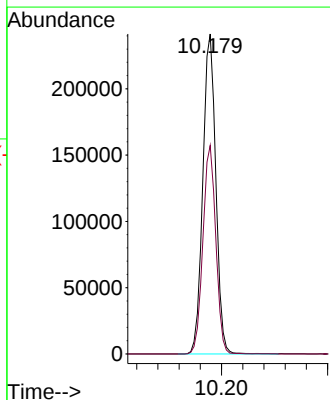
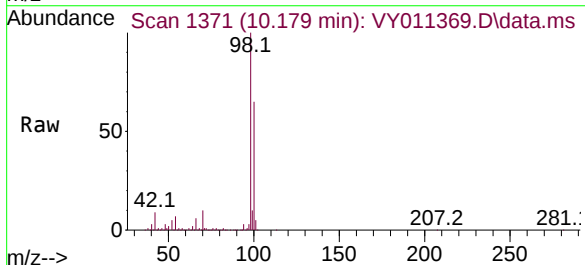


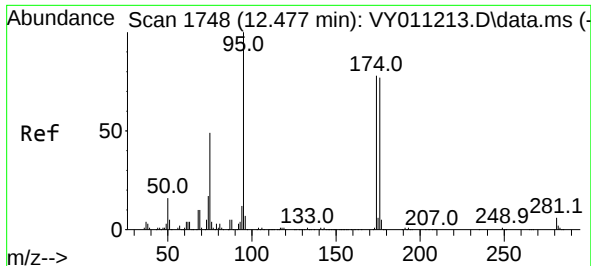
Tgt Ion:117 Resp: 21378
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 44.904 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011369.D
Acq: 08 Nov 2022 17:57

Tgt Ion: 98 Resp: 409054
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

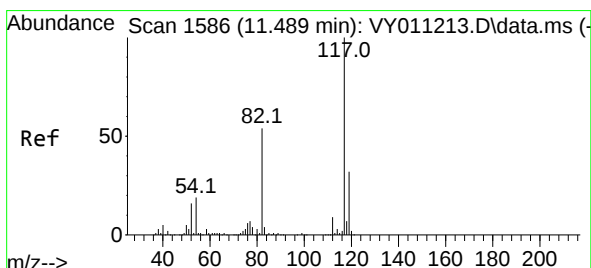
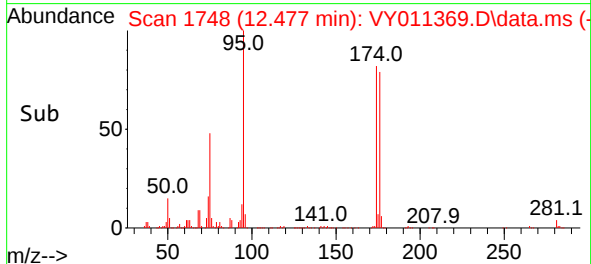
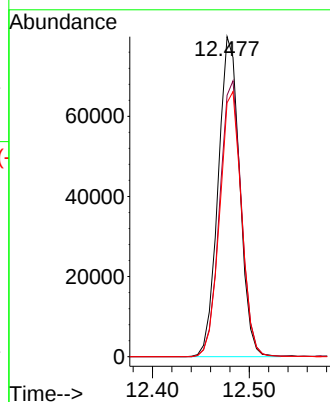
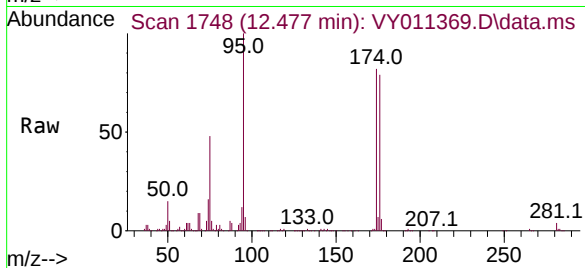




#62
4-Bromofluorobenzene
Concen: 38.927 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011369.D
Acq: 08 Nov 2022 17:57

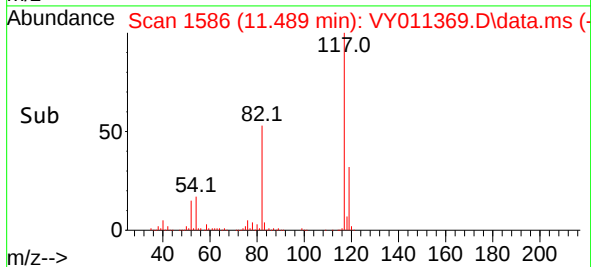
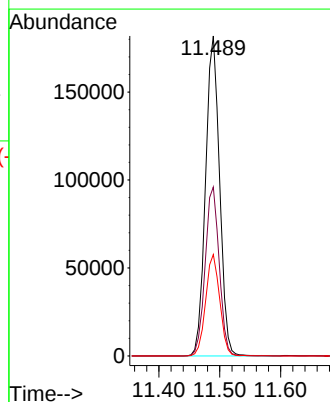
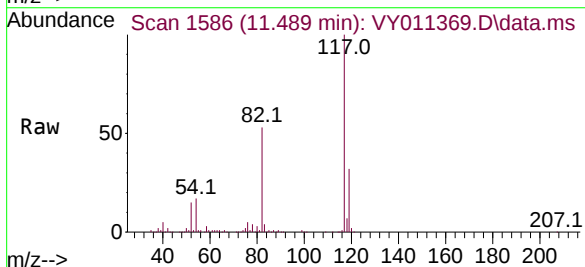
Instrument :
MSVOA_Y
ClientSampleId :

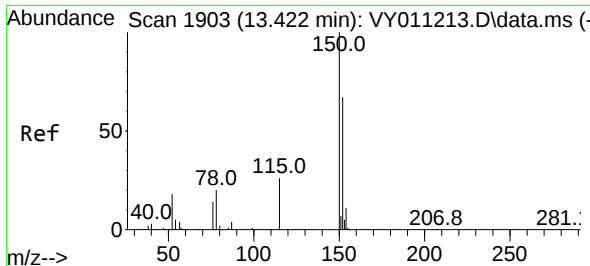
Tgt Ion: 95 Resp: 123105
Ion Ratio Lower Upper
95 100
174 87.2 0.0 177.0
176 83.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011369.D
Acq: 08 Nov 2022 17:57

Tgt Ion: 117 Resp: 291372
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 31.7 25.4 38.0

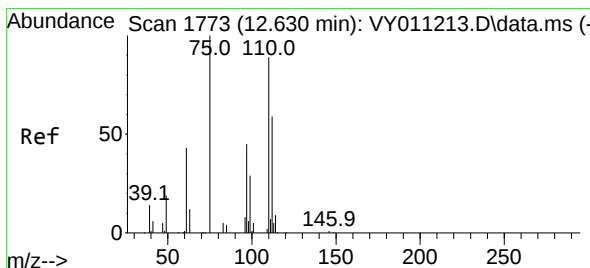
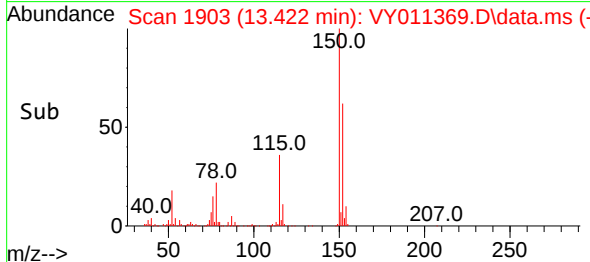
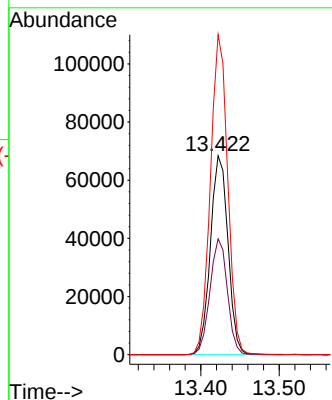
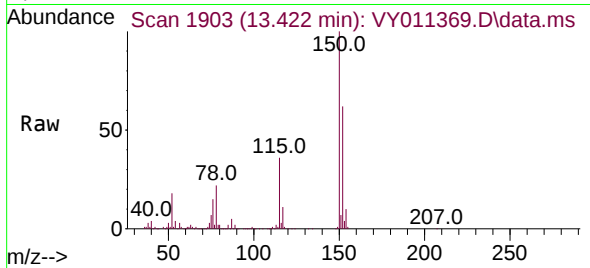




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011369.D
 Acq: 08 Nov 2022 17:57

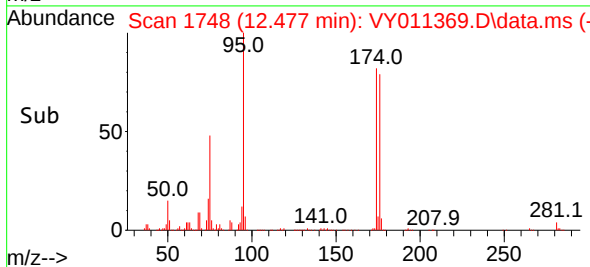
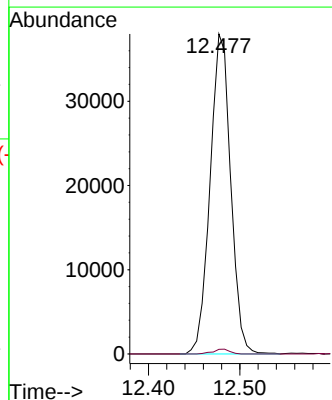
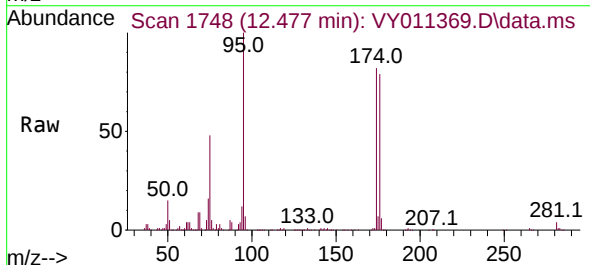
Instrument :
 MSVOA_Y
 ClientSampleId :

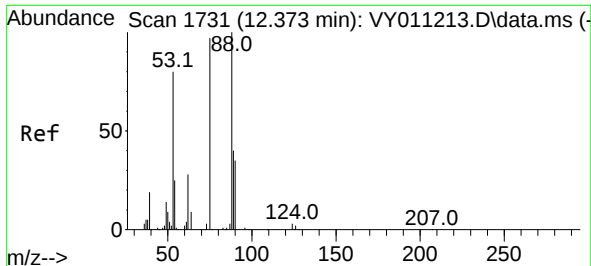
Tgt Ion:152 Resp: 106836
 Ion Ratio Lower Upper
 152 100
 115 57.6 28.2 84.7
 150 158.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.702 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011369.D
 Acq: 08 Nov 2022 17:57

Tgt Ion: 75 Resp: 59442
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

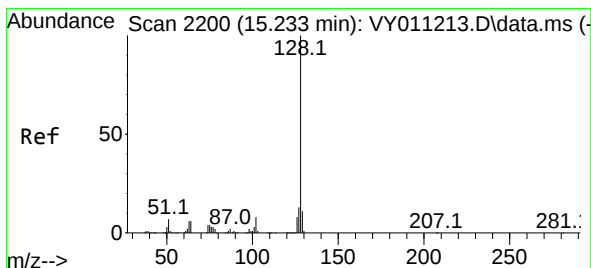
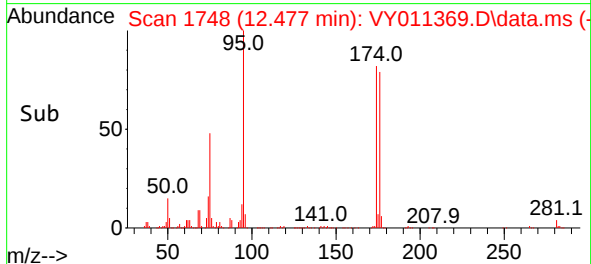
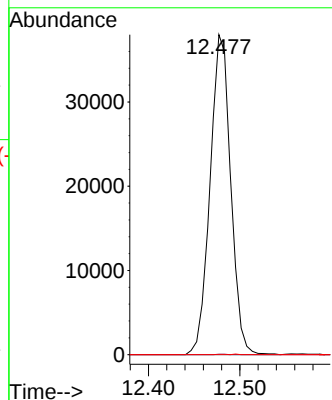
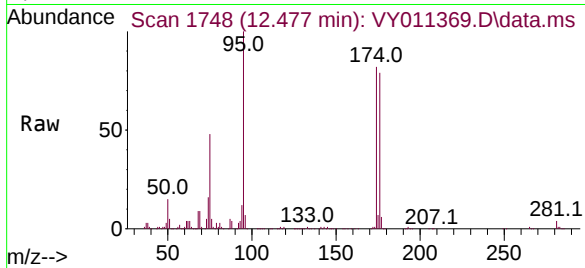




#81
trans-1,4-Dichloro-2-butene
Concen: 97.809 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011369.D
Acq: 08 Nov 2022 17:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 59442
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.099 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011369.D
Acq: 08 Nov 2022 17:57

Tgt Ion: 128 Resp: 675
Ion Ratio Lower Upper
128 100
127 9.2 11.0 16.4#
129 0.0 8.4 12.6#

