

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
 Data File : VY006464.D
 Acq On : 25 Oct 2021 14:16
 Operator : SY/MD
 Sample : M4300-01
 Misc : 2.87G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 02:43:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	9492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	13378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	10927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3773	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	5491	47.010	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.020%
35) Dibromofluoromethane	7.728	113	2066	27.707	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	55.420%
50) Toluene-d8	10.185	98	15772	49.897	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.800%
62) 4-Bromofluorobenzene	12.483	95	3998	37.547	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.100%

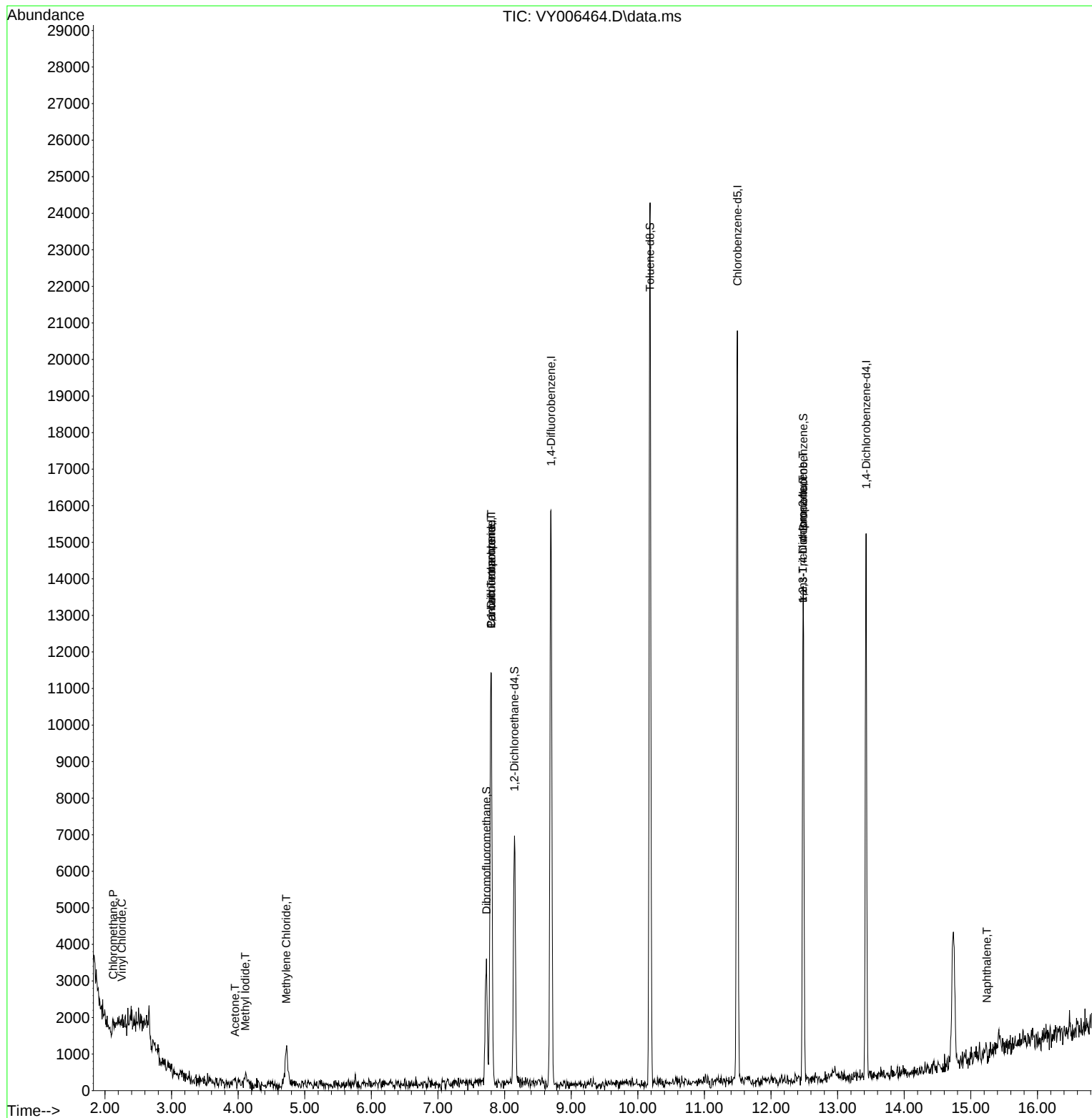
Target Compounds					Qvalue	
3) Chloromethane	2.125	50	184	1.554	ug/l #	43
4) Vinyl Chloride	2.253	62	176	1.331	ug/l #	44
10) Methyl Iodide	4.106	142	406	8.963	ug/l #	51
16) Acetone	3.954	43	181	5.382	ug/l #	46
20) Methylene Chloride	4.722	84	703	2.942	ug/l	81
36) 1,1-Dichloropropene	7.795	75	672	5.084	ug/l #	42
38) Carbon Tetrachloride	7.801	117	888	6.090	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	2330	59.928	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	2330	123.031	ug/l #	7
95) Naphthalene	15.239	128	186	1.315	ug/l #	68

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

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Response via : Initial Calibration

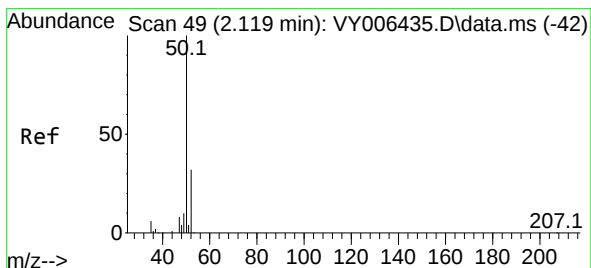
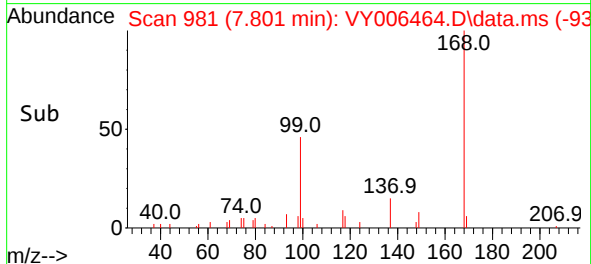
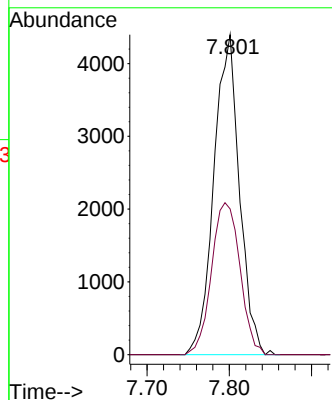
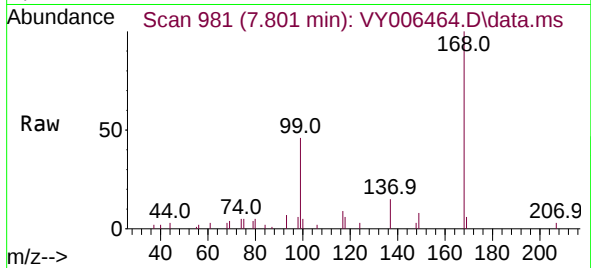




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006464.D
Acq: 25 Oct 2021 14:16

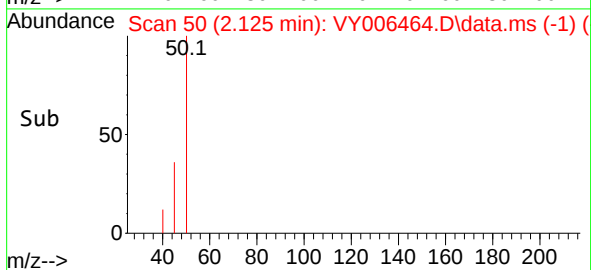
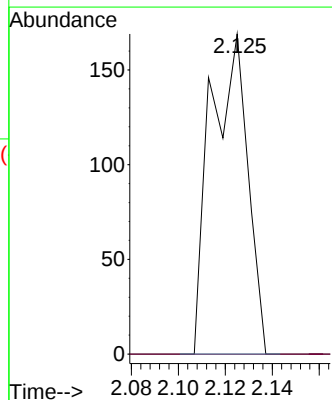
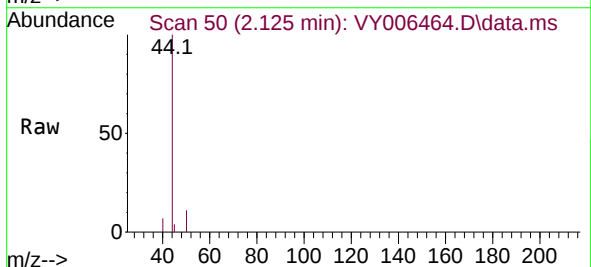
Instrument :
MSVOA_Y
ClientSampled :

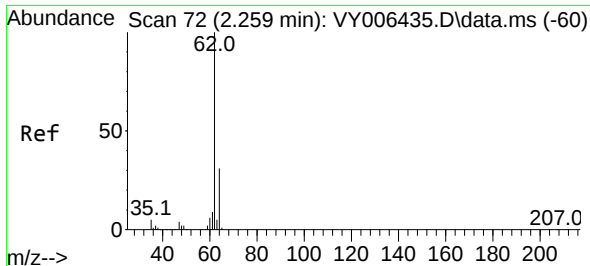
Tgt Ion:168 Resp: 9492
Ion Ratio Lower Upper
168 100
99 45.5 44.8 67.2



#3
Chloromethane
Concen: 1.554 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY006464.D
Acq: 25 Oct 2021 14:16

Tgt Ion: 50 Resp: 184
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

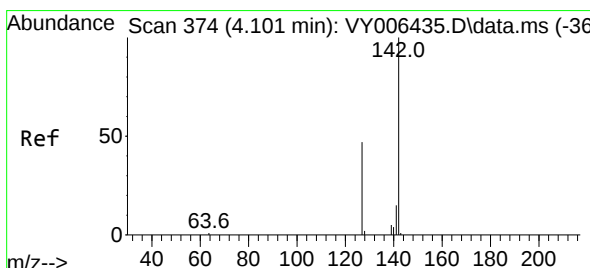
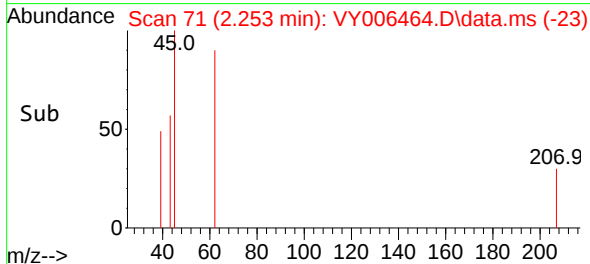
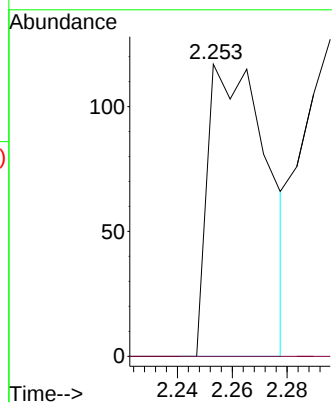
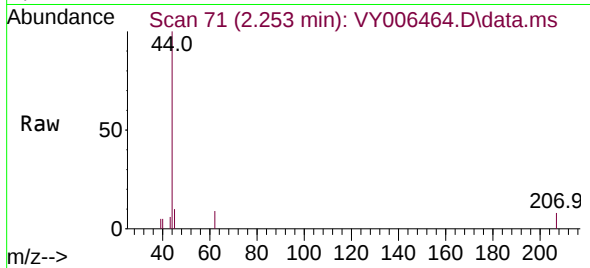




#4
 Vinyl Chloride
 Concen: 1.331 ug/l
 RT: 2.253 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VY006464.D
 Acq: 25 Oct 2021 14:16

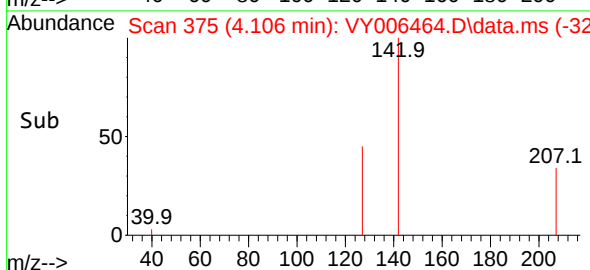
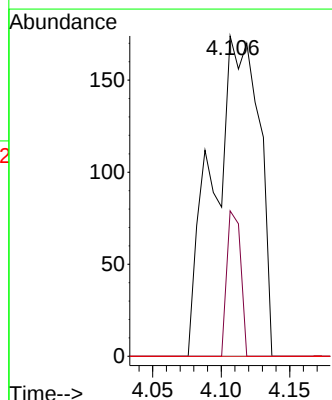
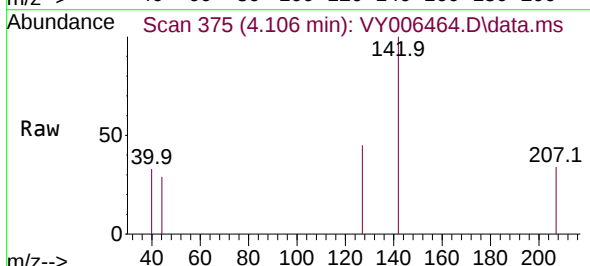
Instrument :
 MSVOA_Y
 ClientSampleId :

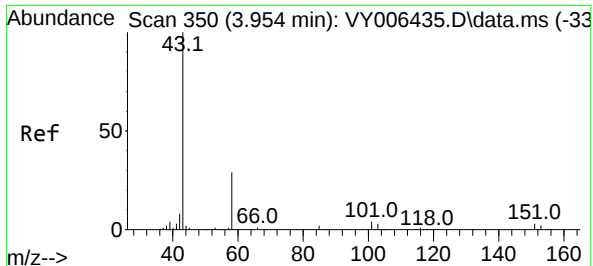
Tgt Ion: 62 Resp: 176
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.7 37.1#



#10
 Methyl Iodide
 Concen: 8.963 ug/l
 RT: 4.106 min Scan# 375
 Delta R.T. 0.005 min
 Lab File: VY006464.D
 Acq: 25 Oct 2021 14:16

Tgt Ion: 142 Resp: 406
 Ion Ratio Lower Upper
 142 100
 127 13.5 40.1 60.1#
 141 0.0 12.5 18.7#

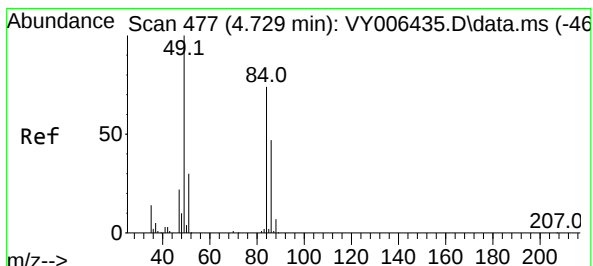
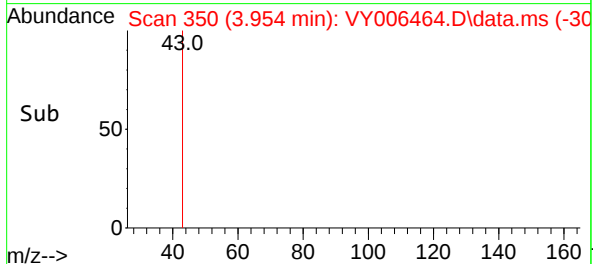
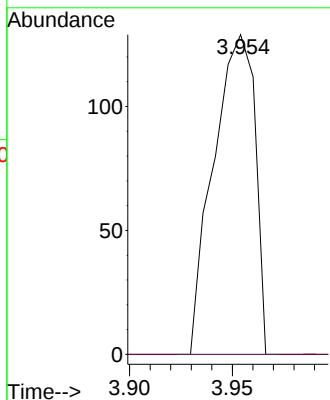
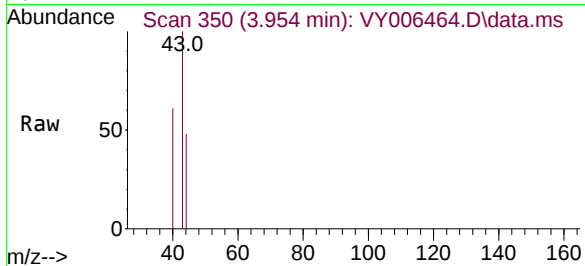




#16
Acetone
Concen: 5.382 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006464.D
Acq: 25 Oct 2021 14:16

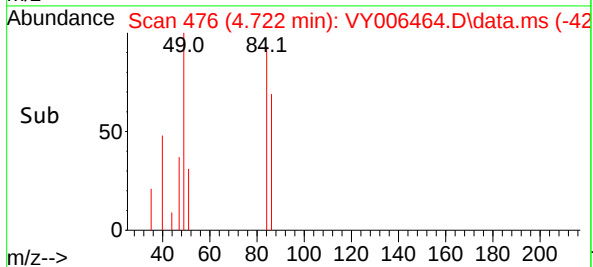
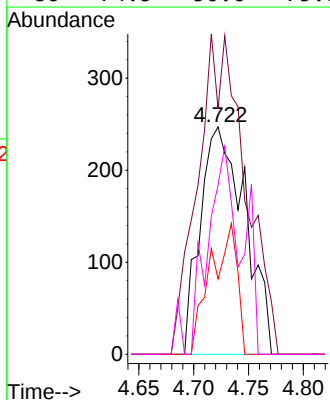
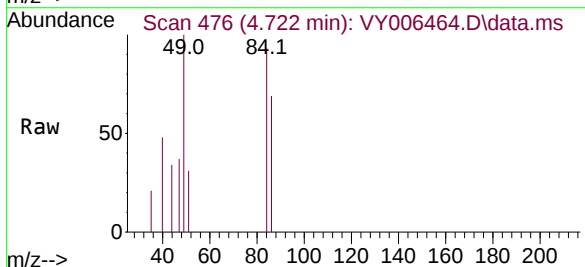
Instrument :
MSVOA_Y
ClientSampled :

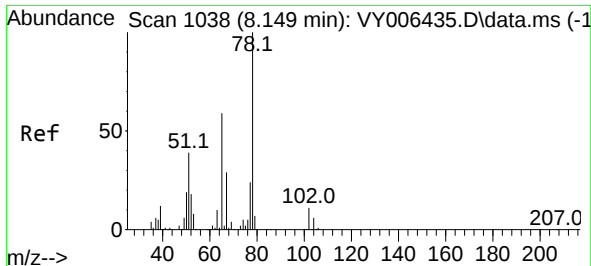
Tgt Ion: 43 Resp: 181
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#20
Methylene Chloride
Concen: 2.942 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY006464.D
Acq: 25 Oct 2021 14:16

Tgt Ion: 84 Resp: 703
Ion Ratio Lower Upper
84 100
49 108.1 107.8 161.8
51 33.2 32.8 49.2
86 74.5 50.6 75.8

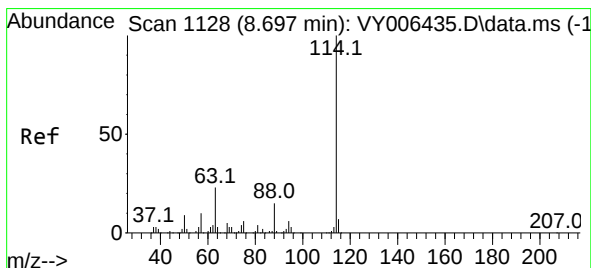
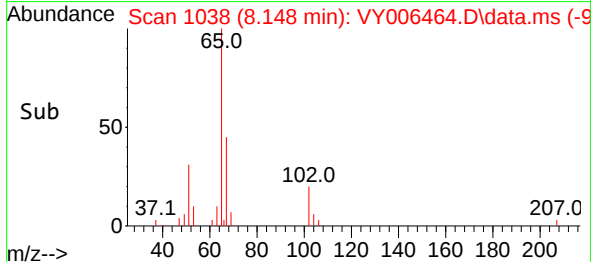
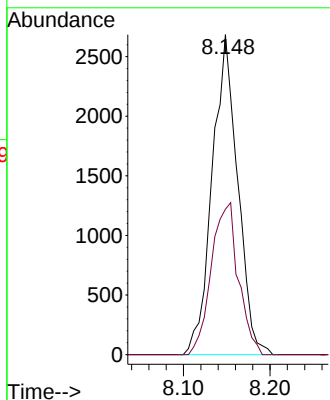
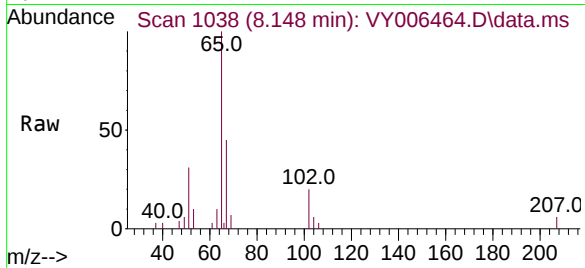




#33
1,2-Dichloroethane-d4
Concen: 47.010 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006464.D
Acq: 25 Oct 2021 14:16

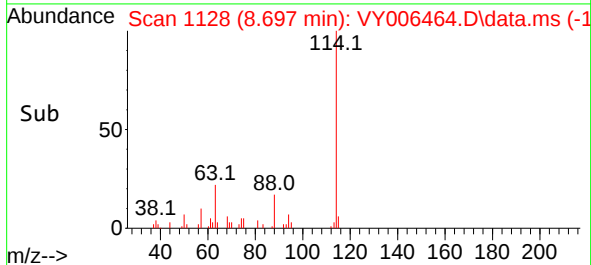
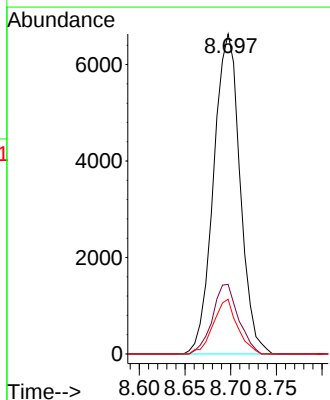
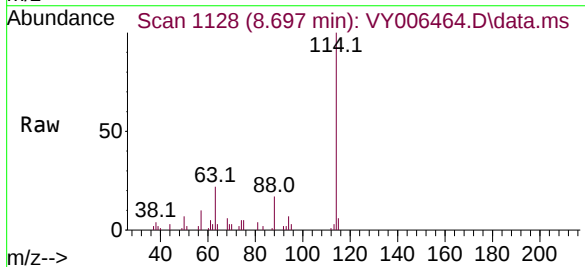
Instrument :
MSVOA_Y
ClientSampleId :

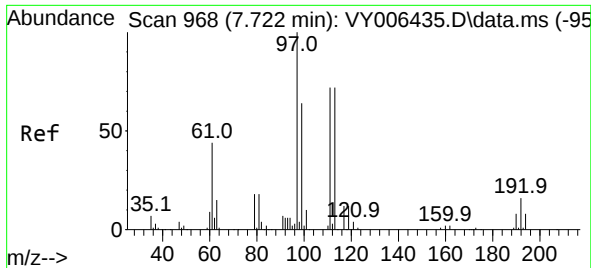
Tgt Ion: 65 Resp: 5491
Ion Ratio Lower Upper
65 100
67 50.3 0.0 98.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006464.D
Acq: 25 Oct 2021 14:16

Tgt Ion: 114 Resp: 13378
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.0
88 17.1 0.0 30.6

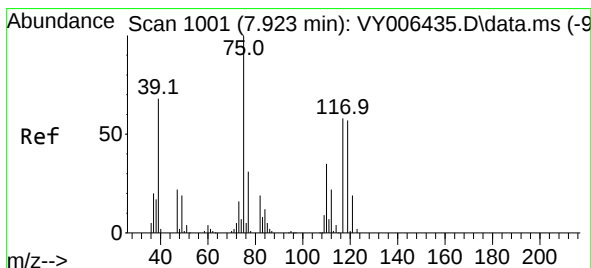
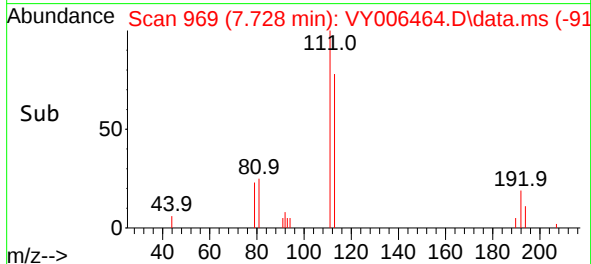
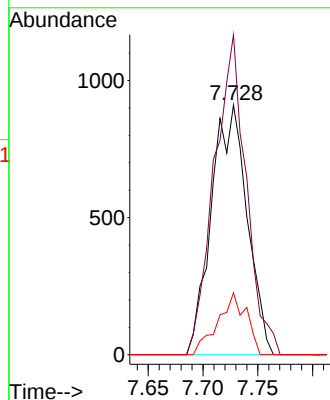
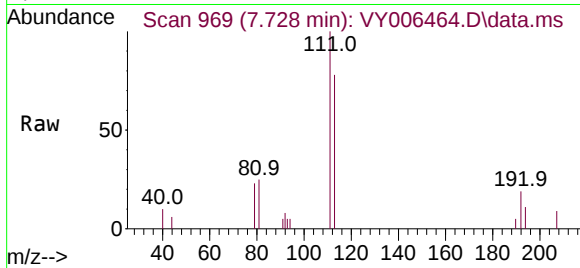




#35
Dibromofluoromethane
Concen: 27.707 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006464.D
Acq: 25 Oct 2021 14:16

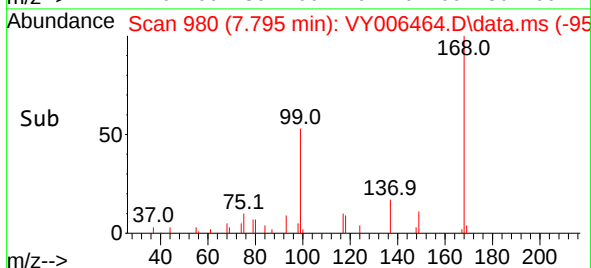
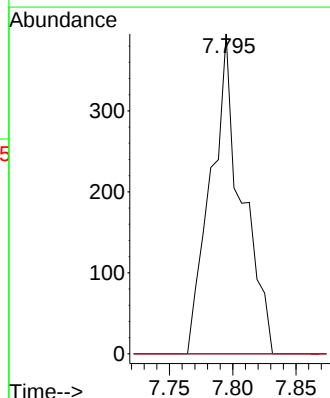
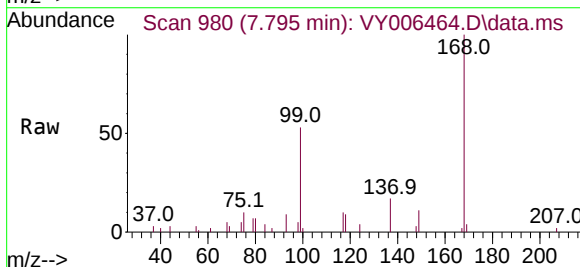
Instrument :
MSVOA_Y
ClientSampleId :

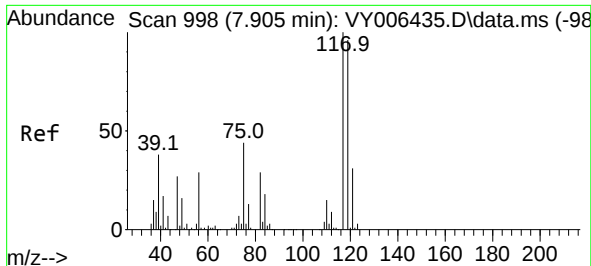
Tgt Ion:	113	Resp:	2066
Ion	Ratio	Lower	Upper
113	100		
111	114.4	82.3	123.5
192	19.7	17.4	26.2



#36
1,1-Dichloropropene
Concen: 5.084 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006464.D
Acq: 25 Oct 2021 14:16

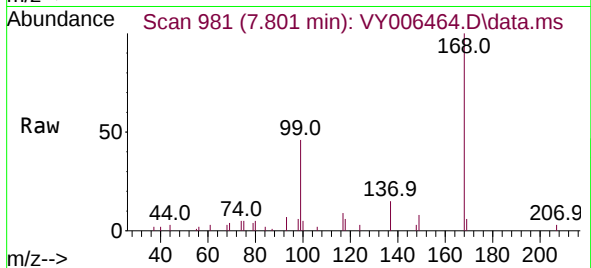
Tgt Ion:	75	Resp:	672
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.3#
77	0.0	24.9	37.3#



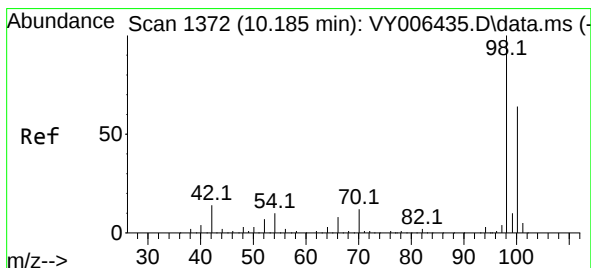
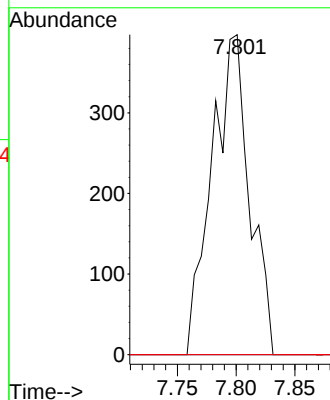
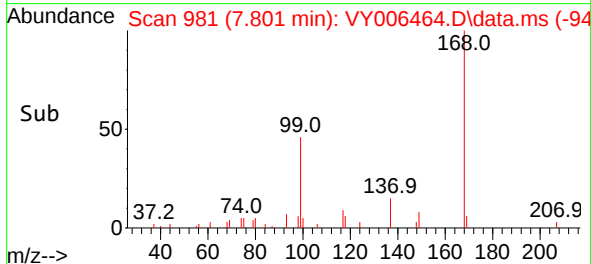


#38
Carbon Tetrachloride
Concen: 6.090 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006464.D
Acq: 25 Oct 2021 14:16

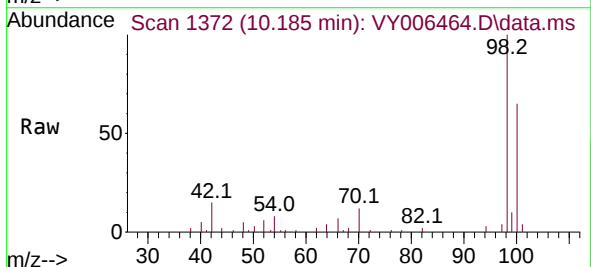
Instrument :
MSVOA_Y
ClientSampleId :



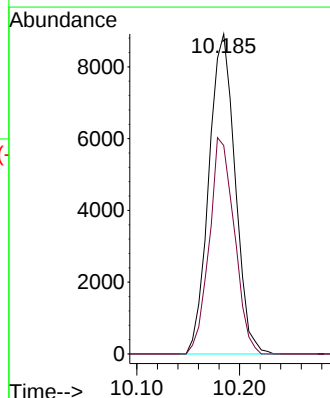
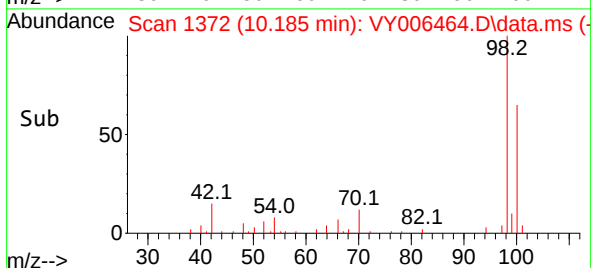
Tgt Ion:117 Resp: 888
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.7 37.1#

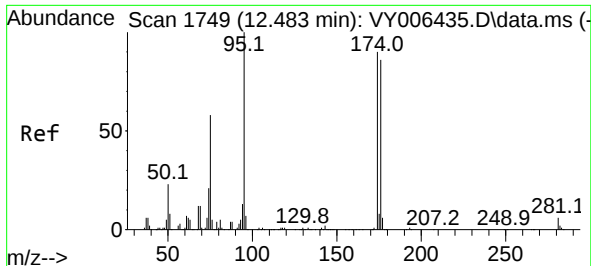


#50
Toluene-d8
Concen: 49.897 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006464.D
Acq: 25 Oct 2021 14:16



Tgt Ion: 98 Resp: 15772
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3

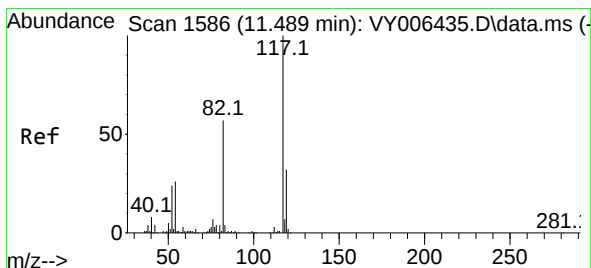
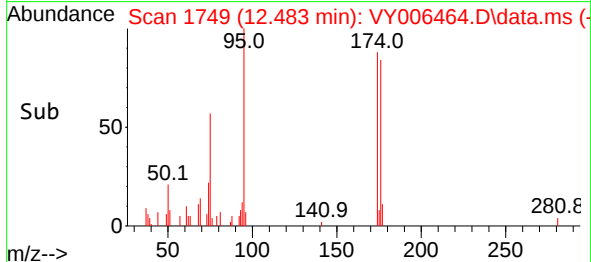
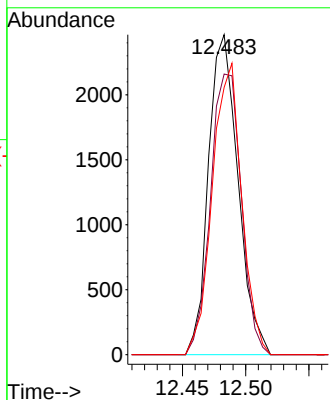
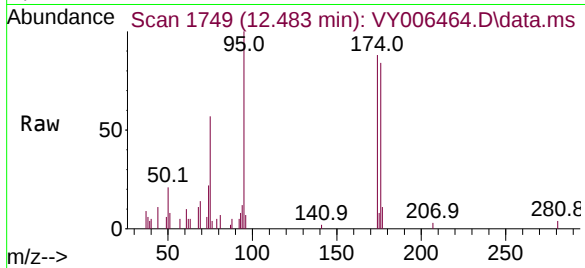




#62
4-Bromofluorobenzene
Concen: 37.547 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006464.D
Acq: 25 Oct 2021 14:16

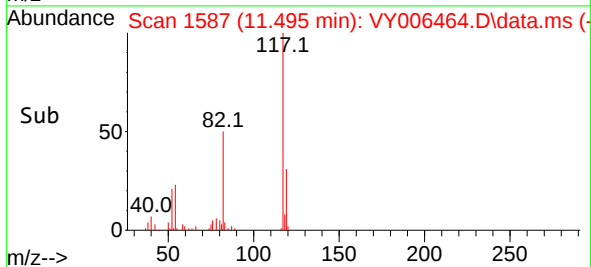
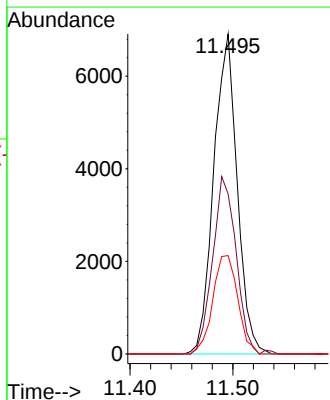
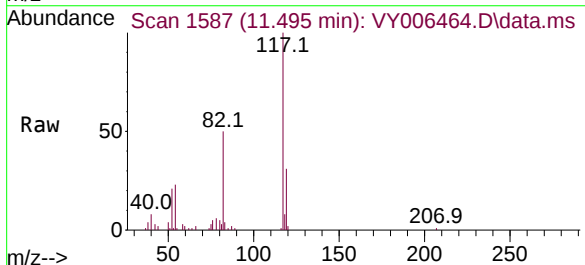
Instrument :
MSVOA_Y
ClientSampleId :

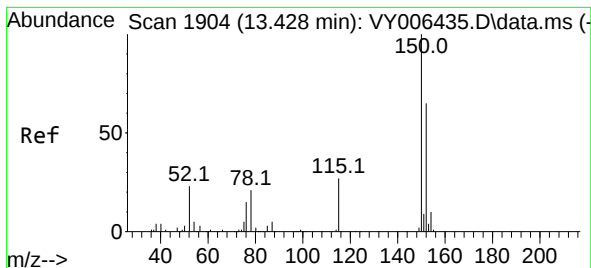
Tgt Ion: 95 Resp: 3998
Ion Ratio Lower Upper
95 100
174 91.4 0.0 177.0
176 90.3 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006464.D
Acq: 25 Oct 2021 14:16

Tgt Ion: 117 Resp: 10927
Ion Ratio Lower Upper
117 100
82 50.0 45.7 68.5
119 30.8 25.5 38.3

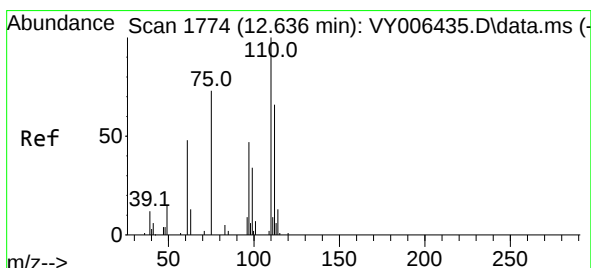
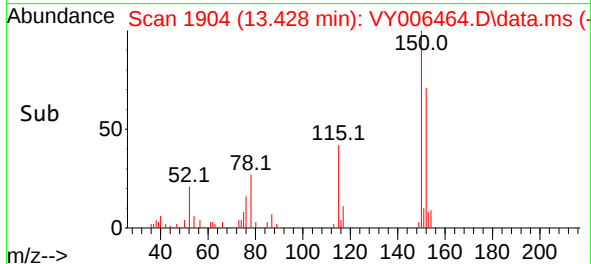
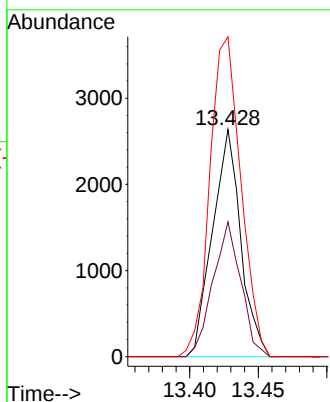
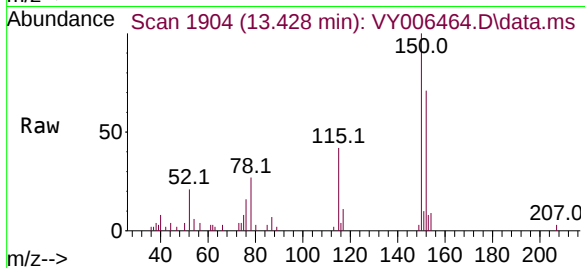




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006464.D
 Acq: 25 Oct 2021 14:16

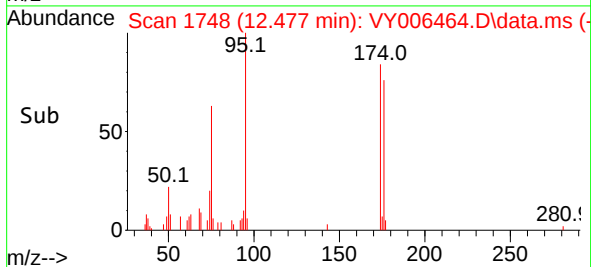
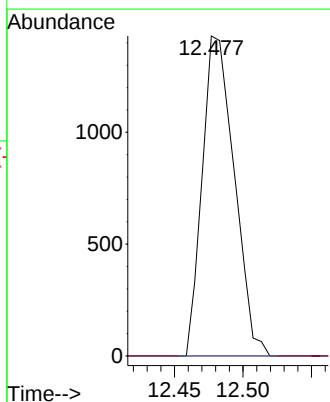
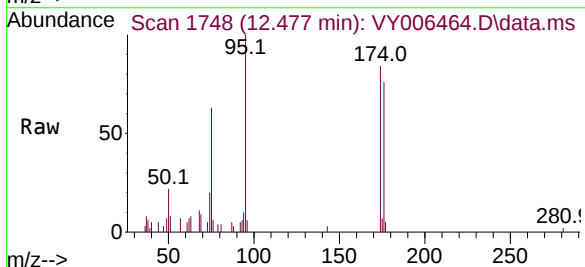
Instrument :
 MSVOA_Y
 ClientSampleId :

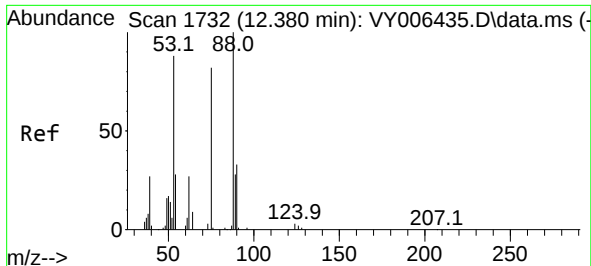
Tgt Ion:152 Resp: 3773
 Ion Ratio Lower Upper
 152 100
 115 58.7 28.5 85.5
 150 154.9 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 59.928 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY006464.D
 Acq: 25 Oct 2021 14:16

Tgt Ion: 75 Resp: 2330
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

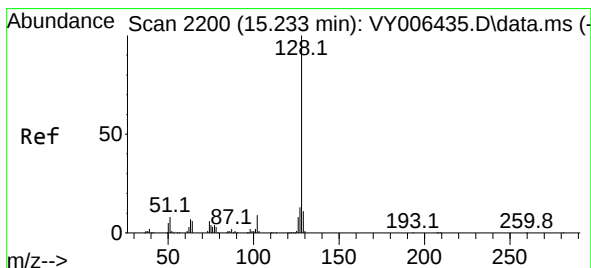
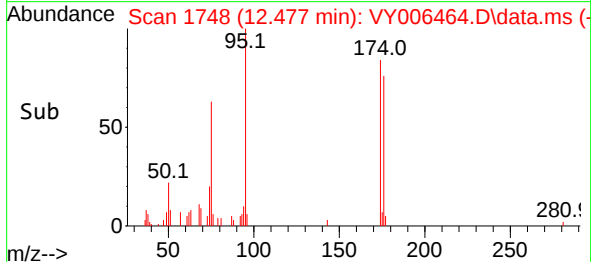
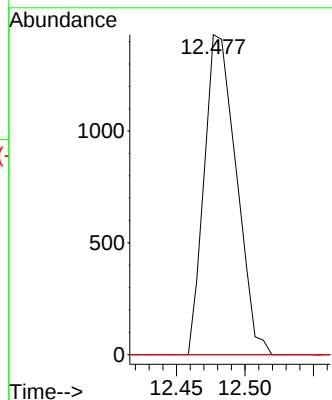
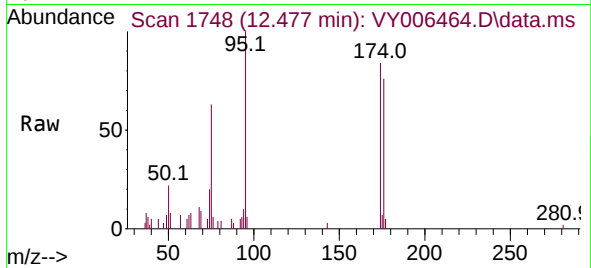




#81
trans-1,4-Dichloro-2-butene
Concen: 123.031 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY006464.D
Acq: 25 Oct 2021 14:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 2330
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#



#95
Naphthalene
Concen: 1.315 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006464.D
Acq: 25 Oct 2021 14:16

Tgt Ion:128 Resp: 186
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.9 13.3#

