

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
 Data File : VY006462.D
 Acq On : 25 Oct 2021 13:29
 Operator : SY/MD
 Sample : M4313-05
 Misc : 4.99G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 02:43:18 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	99282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	169771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	157578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66833	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71223	58.297	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.600%
35) Dibromofluoromethane	7.722	113	50603	53.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.960%
50) Toluene-d8	10.185	98	217114	54.125	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.260%
62) 4-Bromofluorobenzene	12.483	95	64539	47.762	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.520%

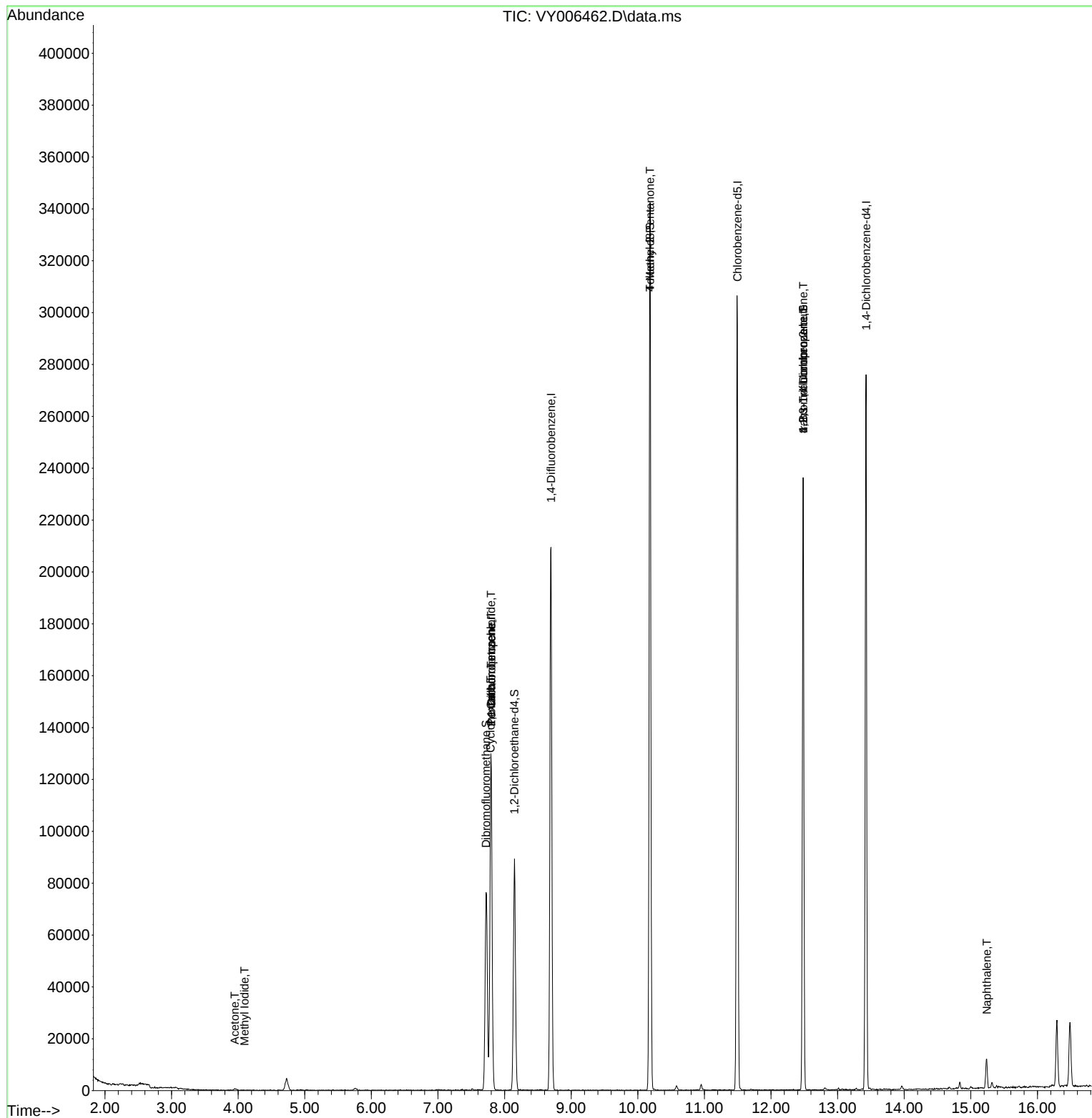
Target Compounds					Qvalue	
10) Methyl Iodide	4.094	142	19	5.077	ug/l #	36
16) Acetone	3.948	43	1161	3.300	ug/l #	74
20) Methylene Chloride	4.728	84	3309	Below Cal		95
31) Cyclohexane	7.789	56	2298	1.162	ug/l #	32
36) 1,1-Dichloropropene	7.801	75	7858	4.684	ug/l #	51
38) Carbon Tetrachloride	7.795	117	9508	5.138	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1109	1.027	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	37830	54.930	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37830	112.769	ug/l #	7
95) Naphthalene	15.239	128	10003	3.992	ug/l	98

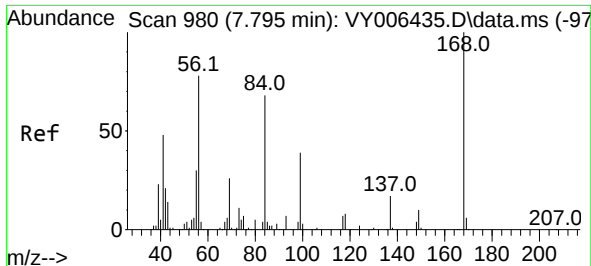
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
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Quant Time: Oct 26 02:43:18 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

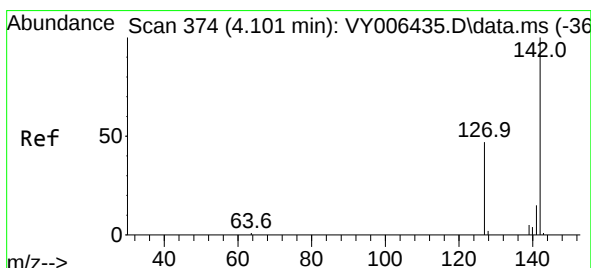
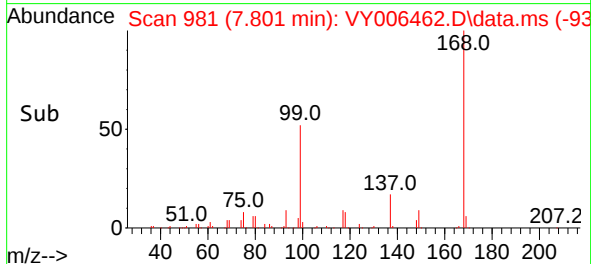
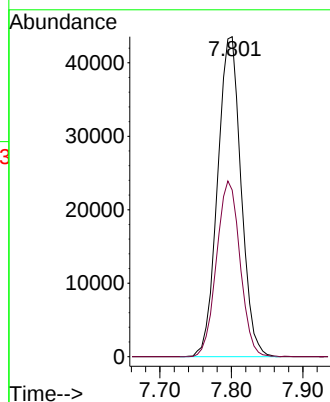
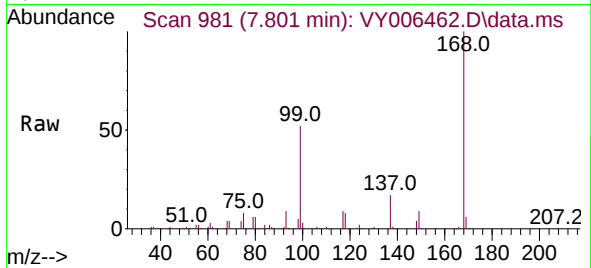




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29

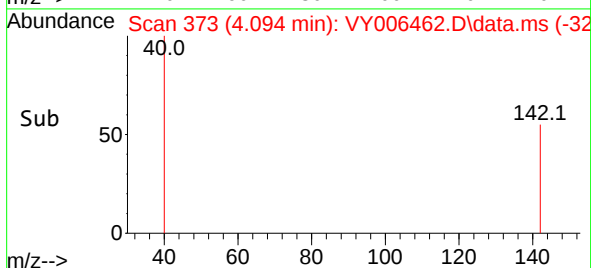
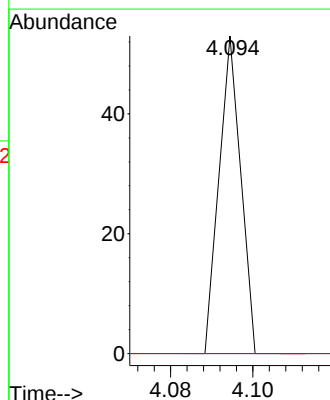
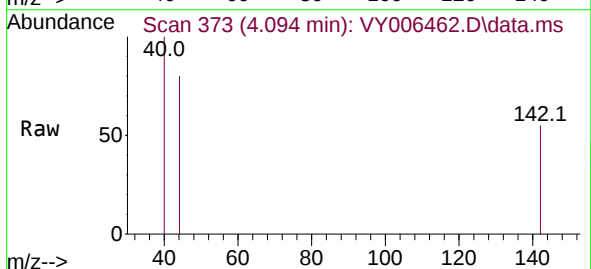
Instrument :
MSVOA_Y
ClientSampleId :

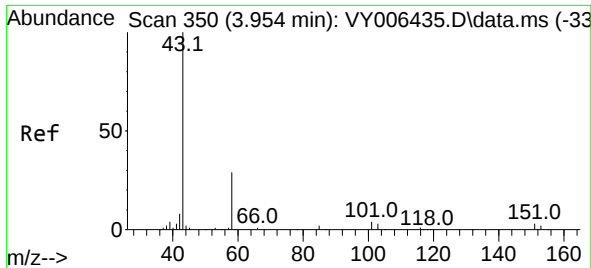
Tgt Ion:168 Resp: 99282
Ion Ratio Lower Upper
168 100
99 52.0 44.8 67.2



#10
Methyl Iodide
Concen: 5.077 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.007 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29

Tgt Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

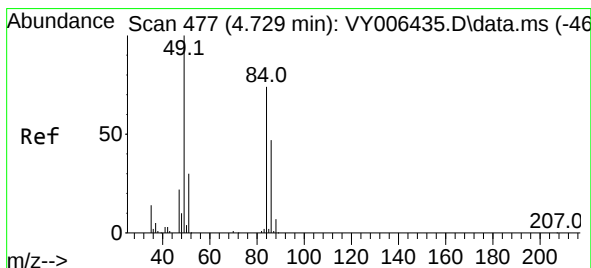
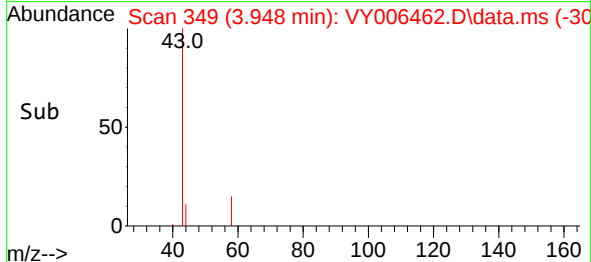
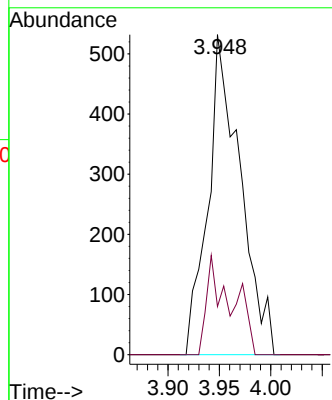
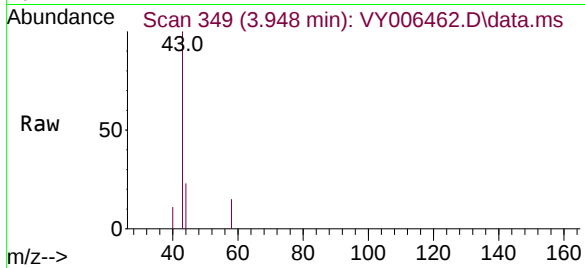




#16
Acetone
Concen: 3.300 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29

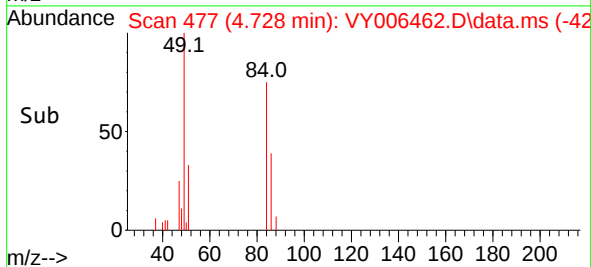
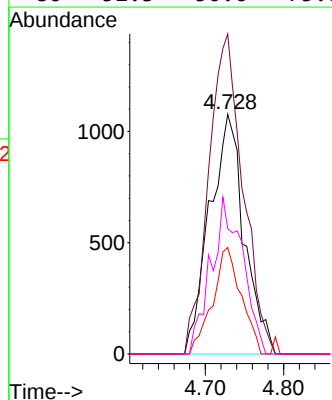
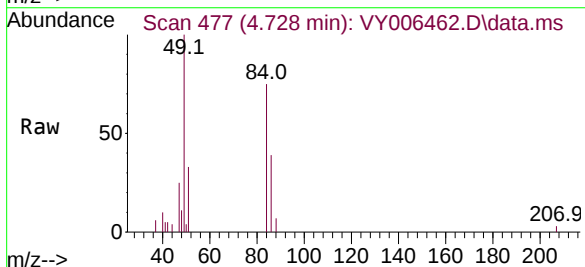
Instrument :
MSVOA_Y
ClientSampled :

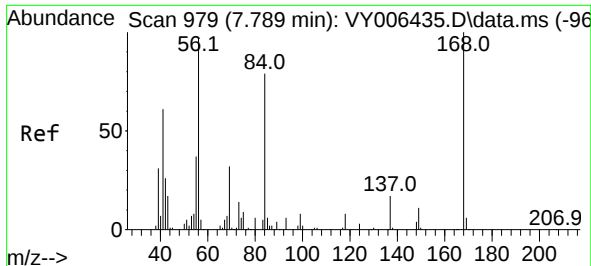
Tgt Ion: 43 Resp: 1161
Ion Ratio Lower Upper
43 100
58 15.0 22.9 34.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29

Tgt Ion: 84 Resp: 3309
Ion Ratio Lower Upper
84 100
49 133.5 107.8 161.8
51 44.4 32.8 49.2
86 52.3 50.6 75.8

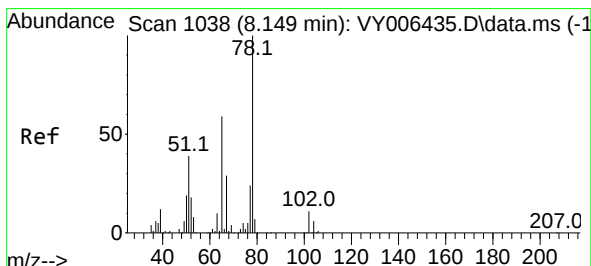
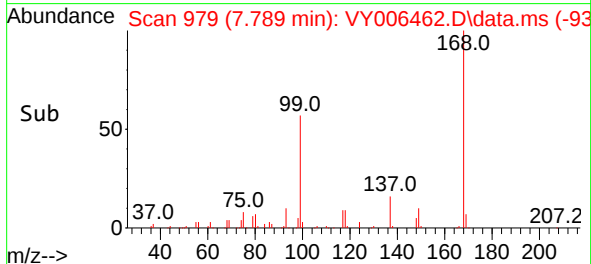
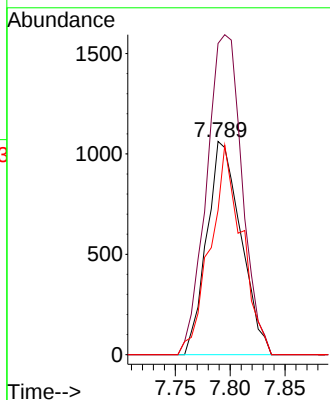
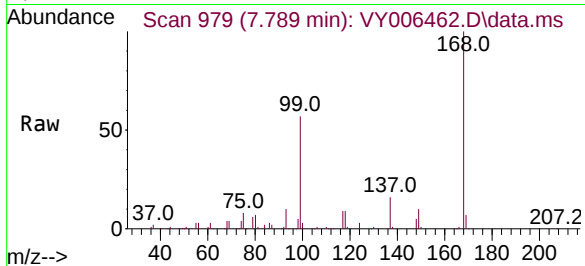




#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29

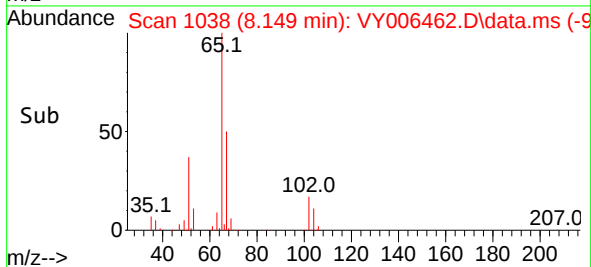
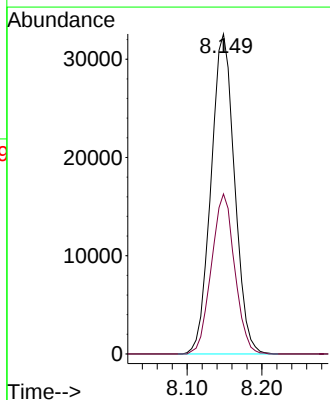
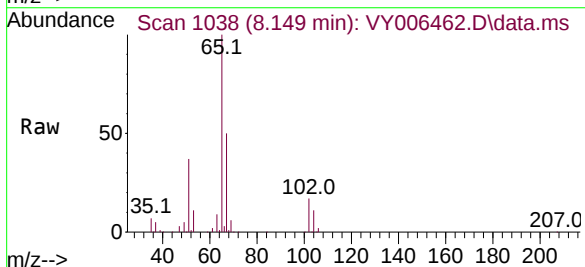
Instrument :
MSVOA_Y
ClientSampleId :

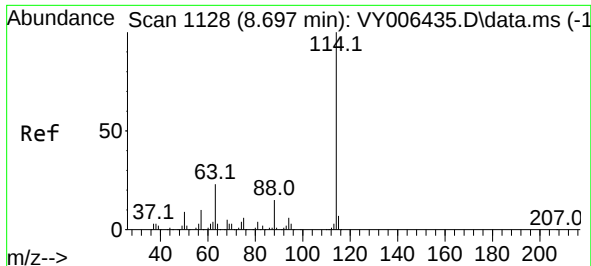
Tgt Ion: 56 Resp: 2298
Ion Ratio Lower Upper
56 100
69 146.0 26.6 40.0#
84 67.7 65.0 97.4



#33
1,2-Dichloroethane-d4
Concen: 58.297 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29

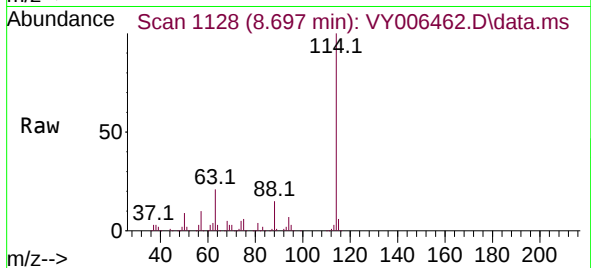
Tgt Ion: 65 Resp: 71223
Ion Ratio Lower Upper
65 100
67 49.4 0.0 98.2



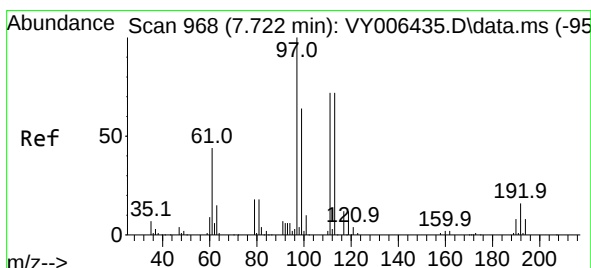
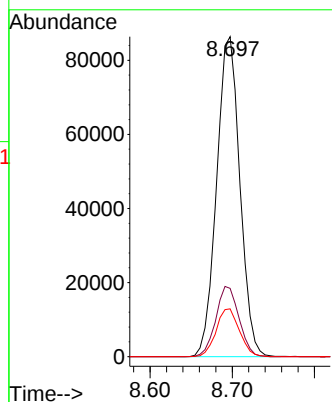
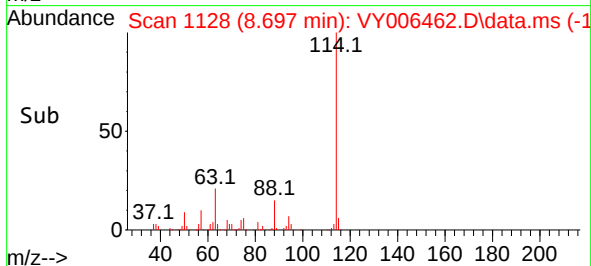


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29

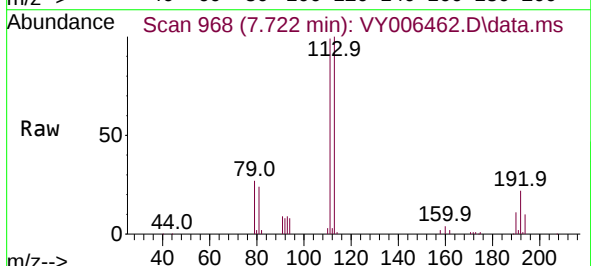
Instrument :
MSVOA_Y
ClientSampled :



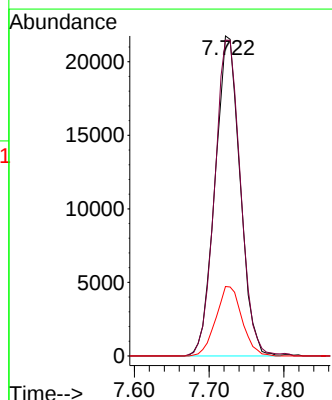
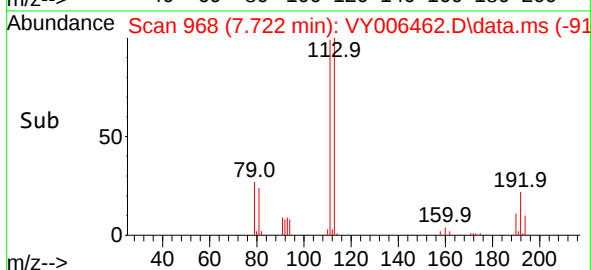
Tgt Ion:114 Resp: 169771
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 15.0 0.0 30.6

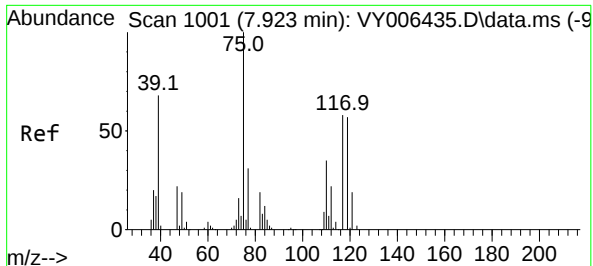


#35
Dibromofluoromethane
Concen: 53.477 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29



Tgt Ion:113 Resp: 50603
Ion Ratio Lower Upper
113 100
111 101.7 82.3 123.5
192 22.6 17.4 26.2



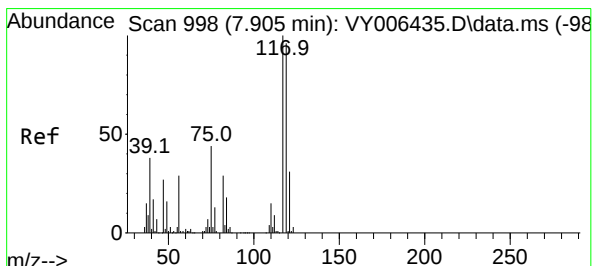
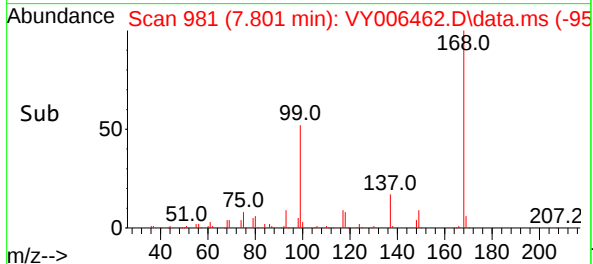
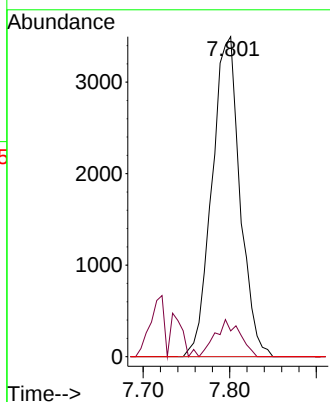
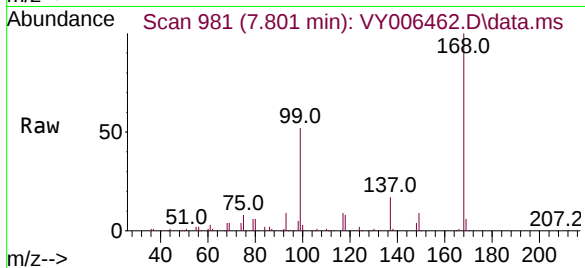


#36

1,1-Dichloropropene
Concen: 4.684 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29

Instrument :
MSVOA_Y
ClientSampled :

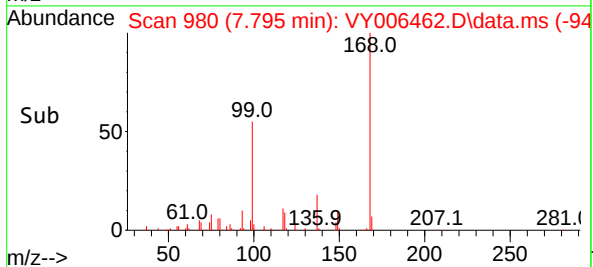
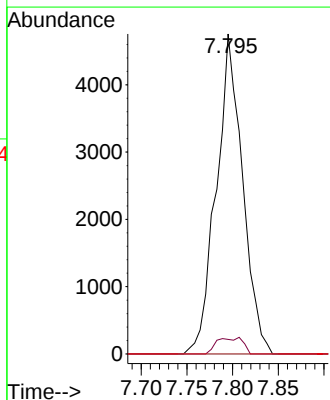
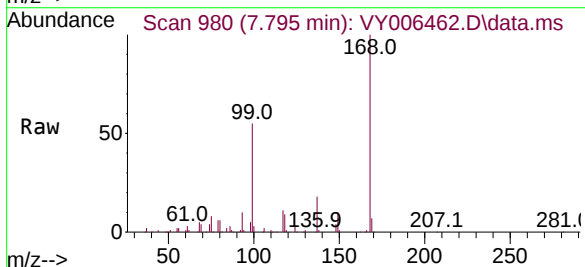
Tgt Ion: 75 Resp: 7858
Ion Ratio Lower Upper
75 100
110 10.2 17.1 51.3#
77 0.0 24.9 37.3#

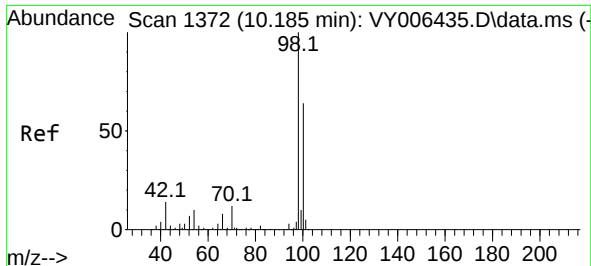


#38

Carbon Tetrachloride
Concen: 5.138 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29

Tgt Ion: 117 Resp: 9508
Ion Ratio Lower Upper
117 100
119 4.6 76.6 115.0#
121 0.0 24.7 37.1#

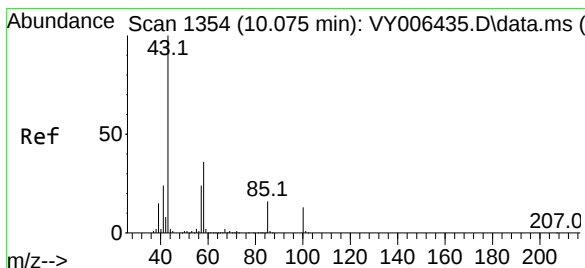
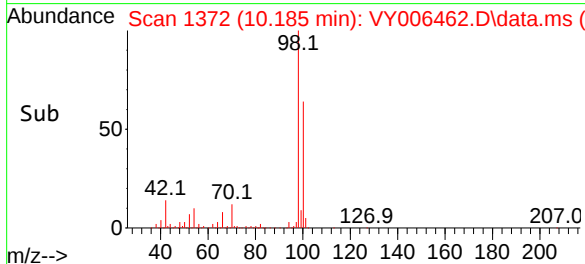
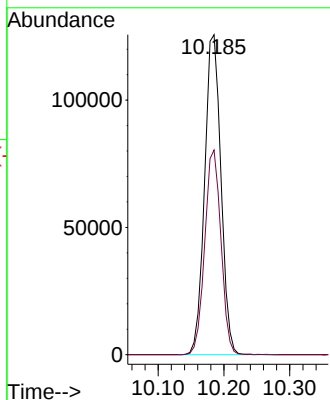
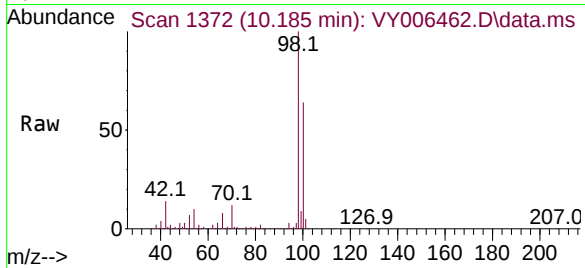




#50
Toluene-d8
Concen: 54.125 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29

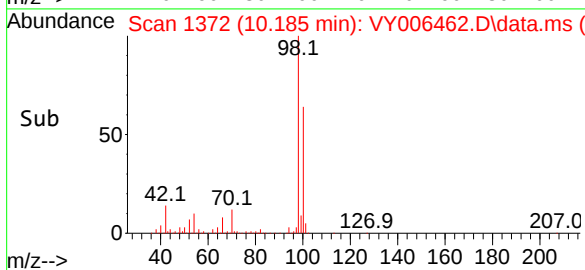
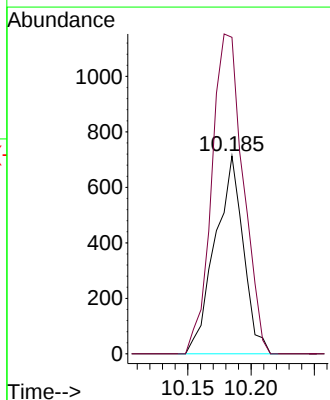
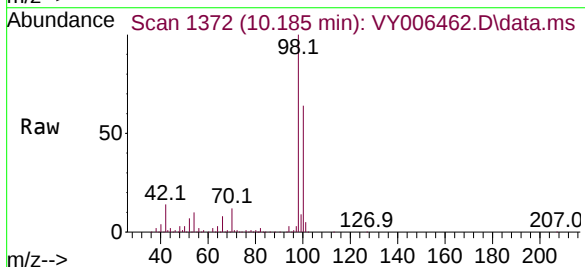
Instrument :
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ClientSampled :

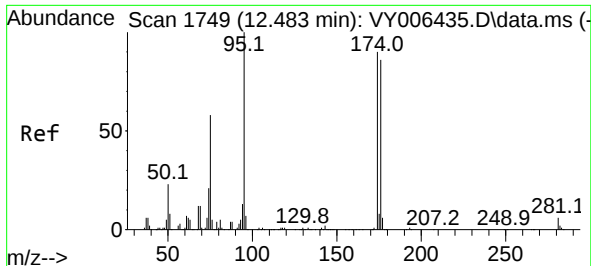
Tgt Ion: 98 Resp: 217114
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.027 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29

Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
58 180.1 28.7 43.1#

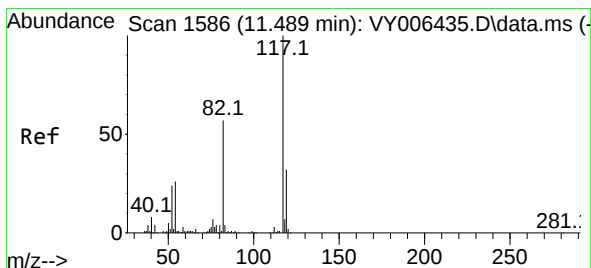
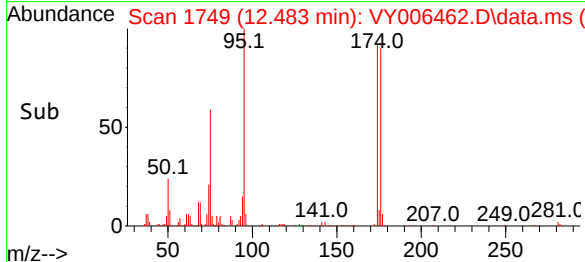
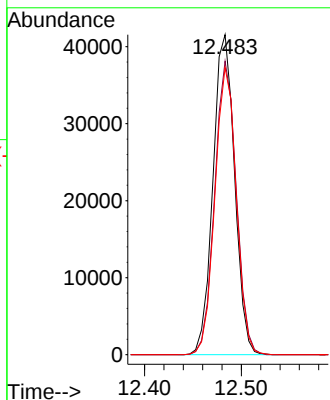
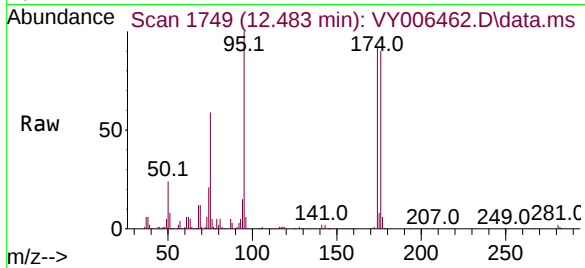




#62
4-Bromofluorobenzene
Concen: 47.762 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29

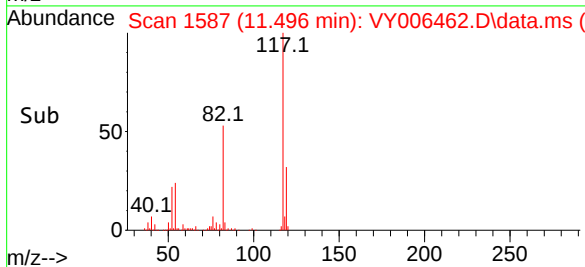
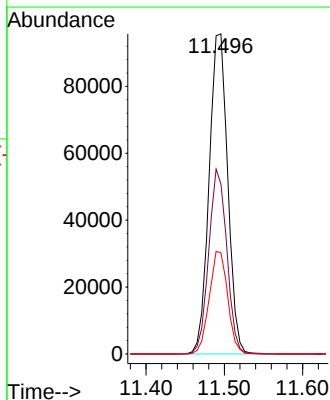
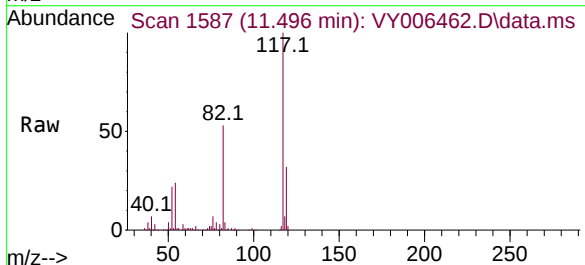
Instrument :
MSVOA_Y
ClientSampleId :

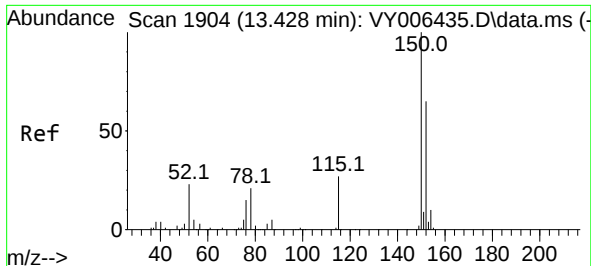
Tgt Ion:	95	Resp:	64539
Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	177.0
176	88.7	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29

Tgt Ion:	117	Resp:	157578
Ion	Ratio	Lower	Upper
117	100		
82	53.2	45.7	68.5
119	31.6	25.5	38.3

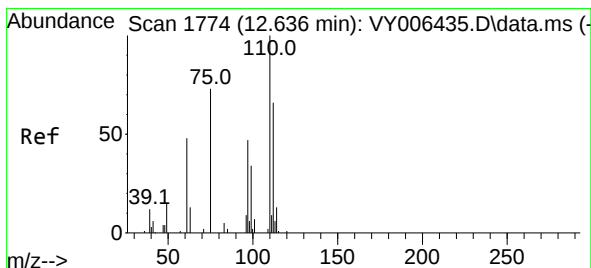
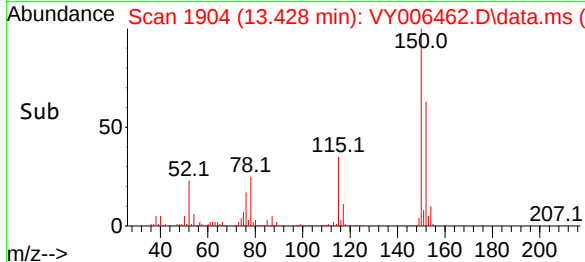
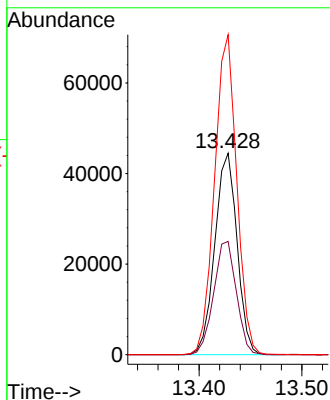
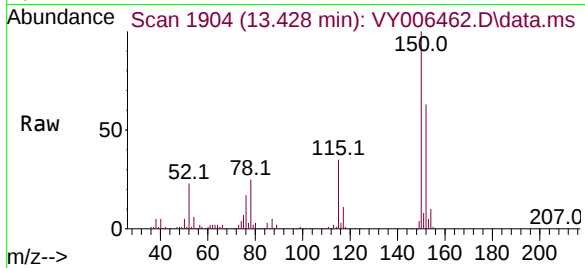




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006462.D
 Acq: 25 Oct 2021 13:29

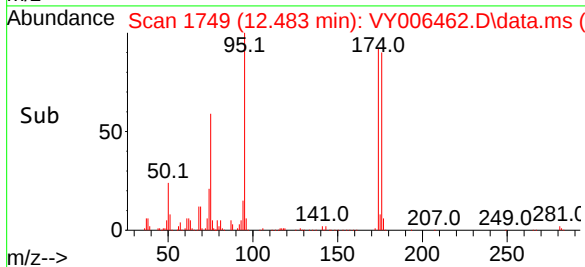
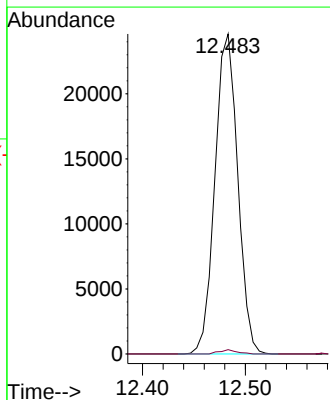
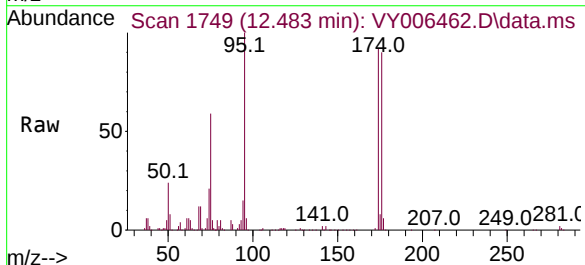
Instrument :
 MSVOA_Y
 ClientSampled :

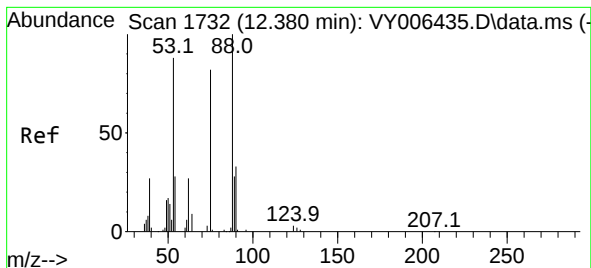
Tgt Ion:152 Resp: 66833
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.5 85.5
 150 158.1 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 54.930 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006462.D
 Acq: 25 Oct 2021 13:29

Tgt Ion: 75 Resp: 37830
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#

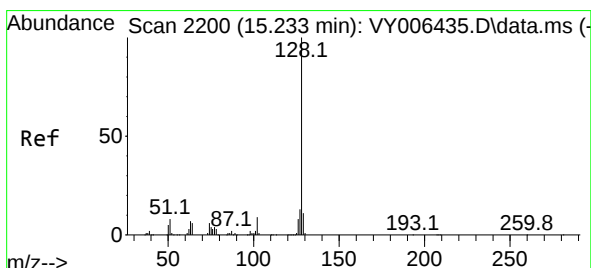
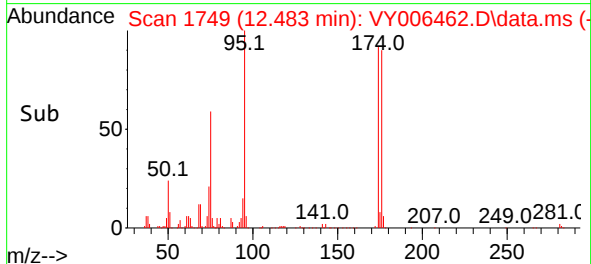
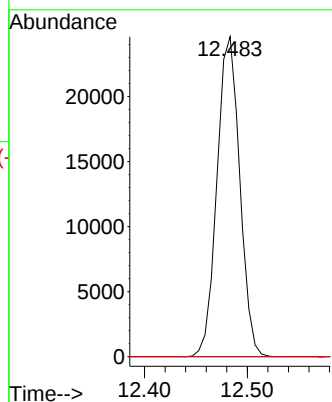
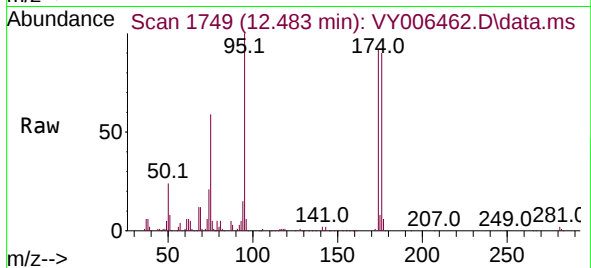




#81
trans-1,4-Dichloro-2-butene
Concen: 112.769 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 37830
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#



#95
Naphthalene
Concen: 3.992 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006462.D
Acq: 25 Oct 2021 13:29

Tgt Ion:128 Resp: 10003
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 9.5 8.9 13.3

