

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082521\
 Data File : VY005838.D
 Acq On : 25 Aug 2021 14:29
 Operator : SY/MD
 Sample : M3521-05RE
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124035RE

Quant Time: Aug 26 03:37:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	3488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	6105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	5703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1488	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2166	61.347	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.700%
35) Dibromofluoromethane	7.728	113	1132	33.118	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.240%
50) Toluene-d8	10.185	98	6978	48.678	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.360%
62) 4-Bromofluorobenzene	12.489	95	1760	37.076	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.160%

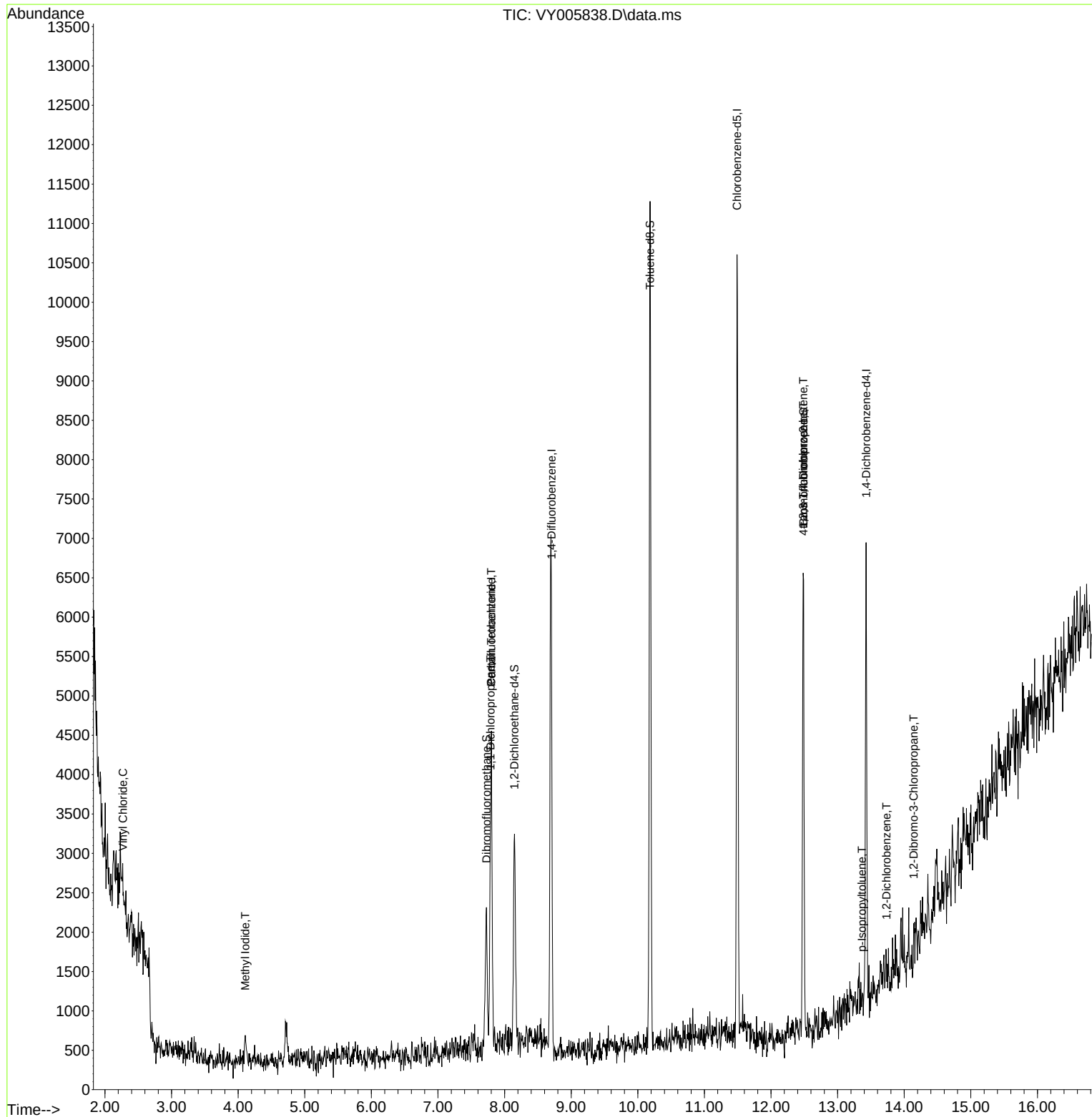
Target Compounds					Qvalue	
4) Vinyl Chloride	2.272	62	165	4.025	ug/l #	42
10) Methyl Iodide	4.107	142	358	9.653	ug/l #	60
20) Methylene Chloride	4.728	84	213	Below Cal	#	34
36) 1,1-Dichloropropene	7.789	75	242	4.226	ug/l #	41
38) Carbon Tetrachloride	7.801	117	158	2.539	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	1041	67.510	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1041	136.091	ug/l #	11
86) p-Isopropyltoluene	13.367	119	244	2.547	ug/l #	60
91) 1,2-Dichlorobenzene	13.733	146	46	1.046	ug/l #	25
92) 1,2-Dibromo-3-Chloropr...	14.141	75	22	5.809	ug/l #	1

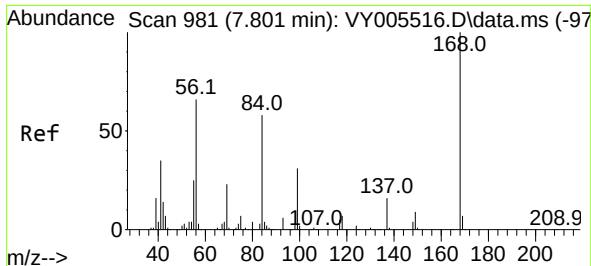
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

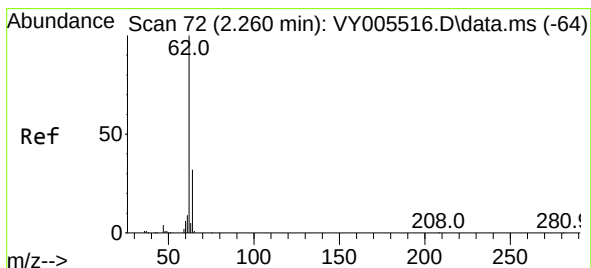
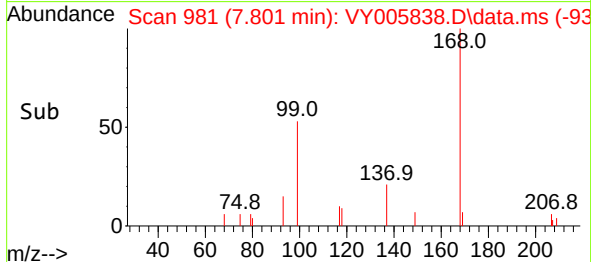
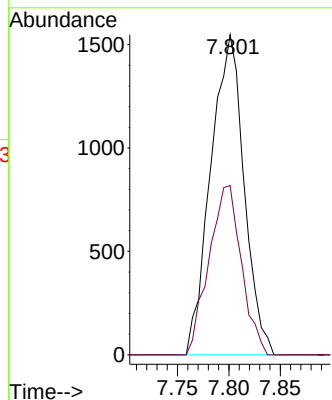
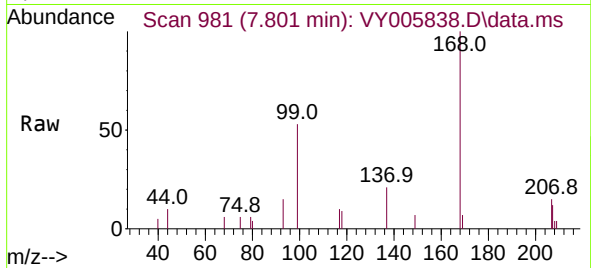




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005838.D
Acq: 25 Aug 2021 14:29

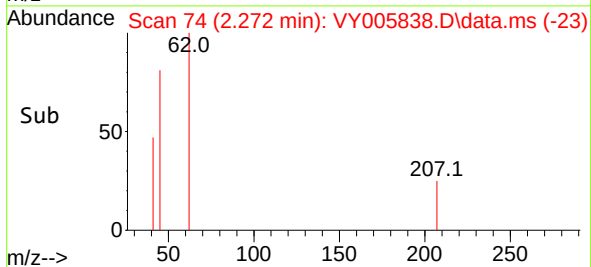
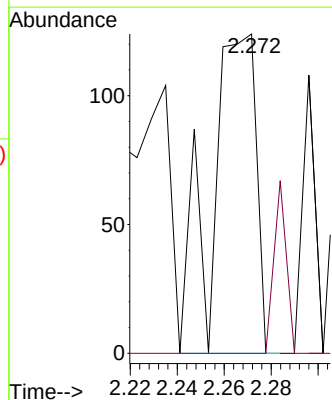
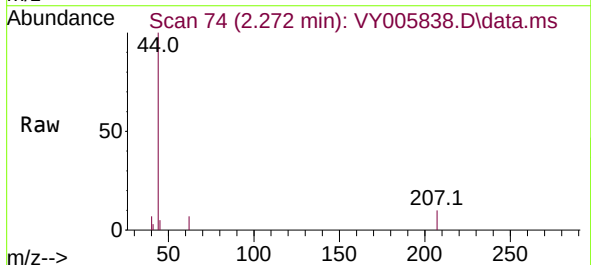
Instrument :
MSVOA_Y
ClientSampled :
124035RE

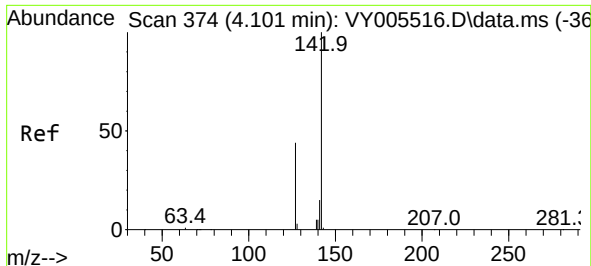
Tgt Ion:168 Resp: 3488
Ion Ratio Lower Upper
168 100
99 52.8 38.9 58.3



#4
Vinyl Chloride
Concen: 4.025 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.012 min
Lab File: VY005838.D
Acq: 25 Aug 2021 14:29

Tgt Ion: 62 Resp: 165
Ion Ratio Lower Upper
62 100
64 0.0 25.9 38.9#

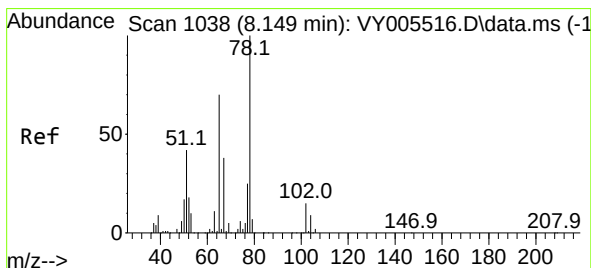
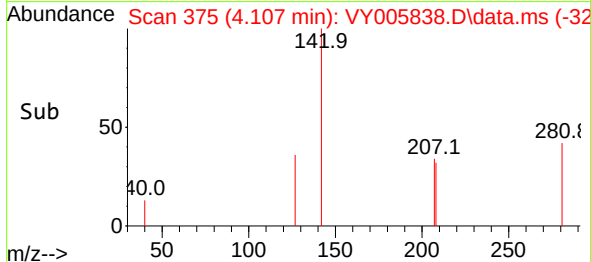
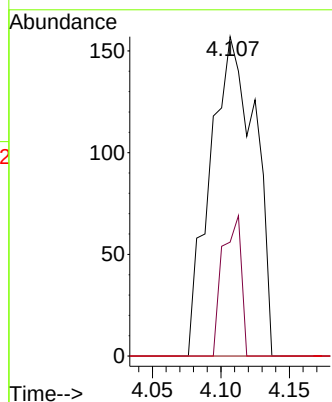
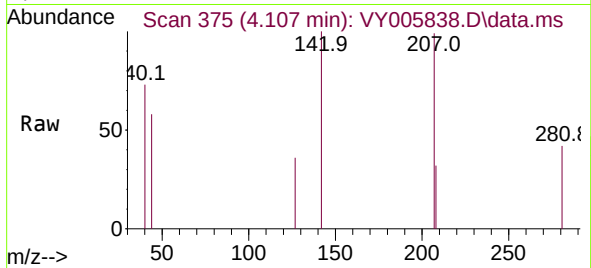




#10
Methyl Iodide
Concen: 9.653 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY005838.D
Acq: 25 Aug 2021 14:29

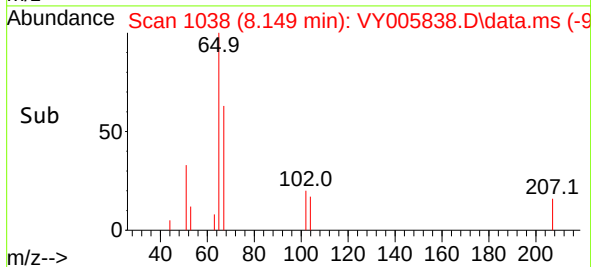
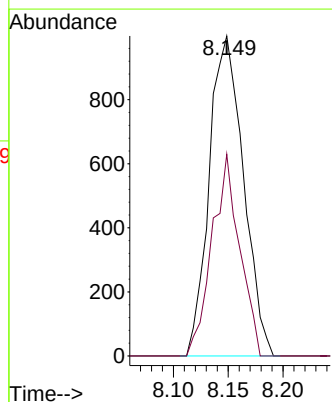
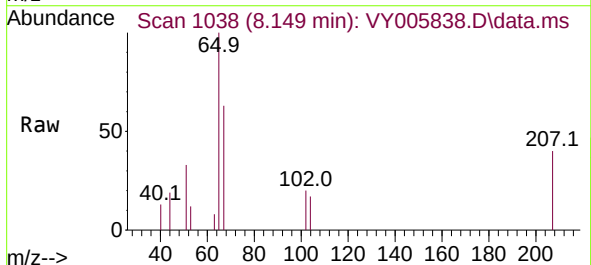
Instrument :
MSVOA_Y
ClientSampled :
124035RE

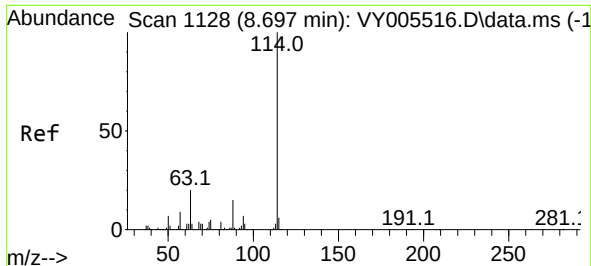
Tgt Ion:142 Resp: 358
Ion Ratio Lower Upper
142 100
127 18.2 36.6 54.8#
141 0.0 12.2 18.4#



#33
1,2-Dichloroethane-d4
Concen: 61.347 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005838.D
Acq: 25 Aug 2021 14:29

Tgt Ion: 65 Resp: 2166
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4

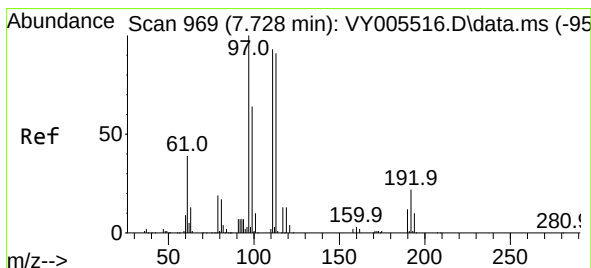
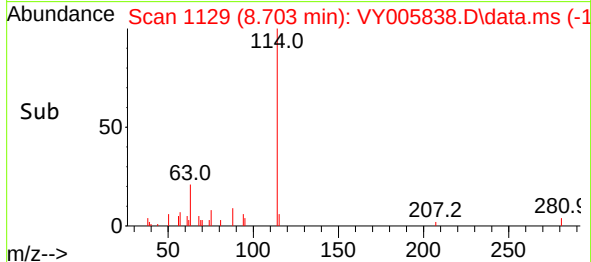
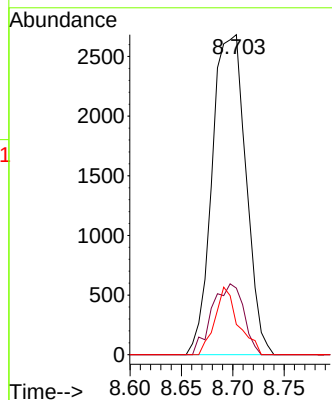
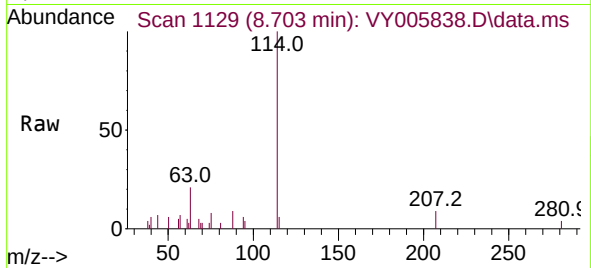




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY005838.D
Acq: 25 Aug 2021 14:29

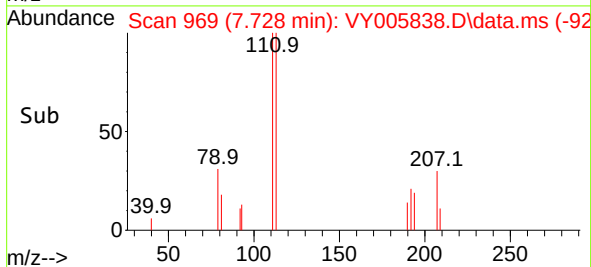
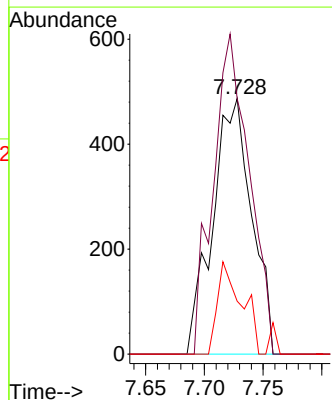
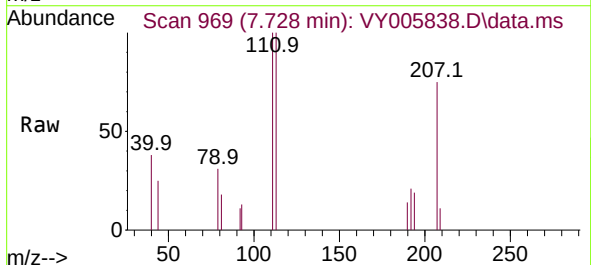
Instrument :
MSVOA_Y
ClientSampleId :
124035RE

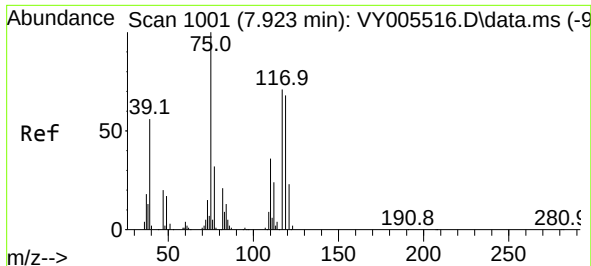
Tgt Ion:	114	Resp:	6105
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.2
88	9.5	0.0	30.8



#35
Dibromofluoromethane
Concen: 33.118 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005838.D
Acq: 25 Aug 2021 14:29

Tgt Ion:	113	Resp:	1132
Ion	Ratio	Lower	Upper
113	100		
111	115.4	81.9	122.9
192	22.3	19.2	28.8





#36

1,1-Dichloropropene

Concen: 4.226 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.134 min

Lab File: VY005838.D

Acq: 25 Aug 2021 14:29

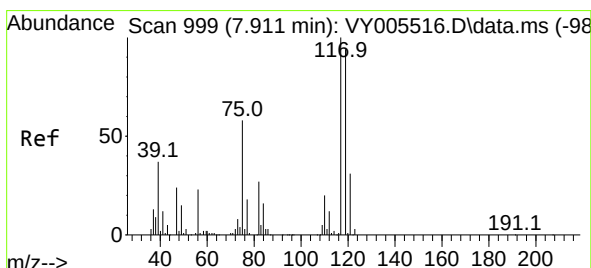
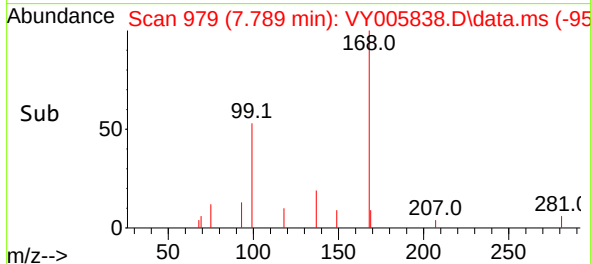
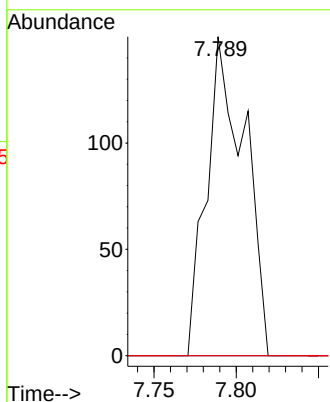
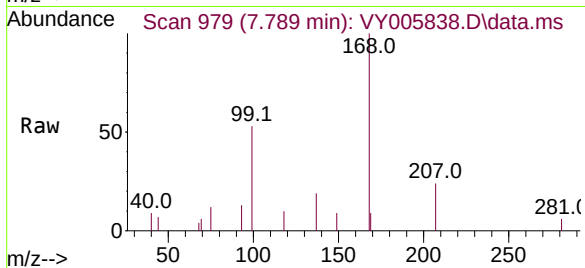
Instrument :

MSVOA_Y

ClientSampleId :

124035RE

Tgt Ion:	75	Resp:	242
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 2.539 ug/l

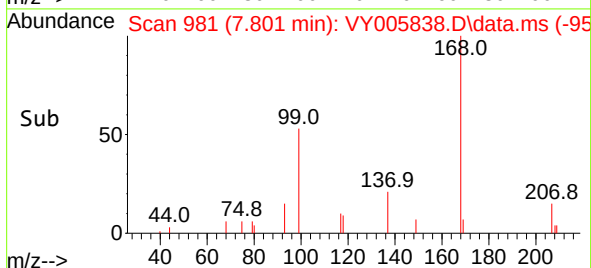
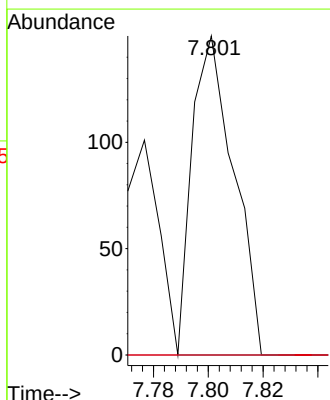
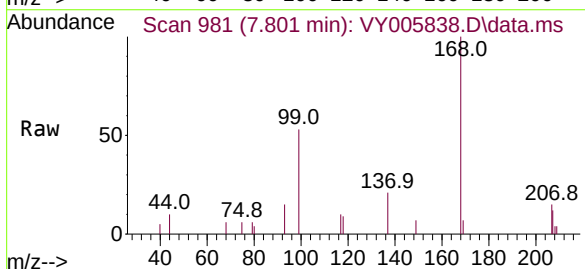
RT: 7.801 min Scan# 981

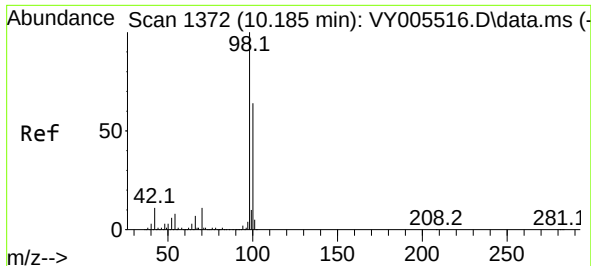
Delta R.T. -0.110 min

Lab File: VY005838.D

Acq: 25 Aug 2021 14:29

Tgt Ion:	117	Resp:	158
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.4	113.0#
121	0.0	25.1	37.7#

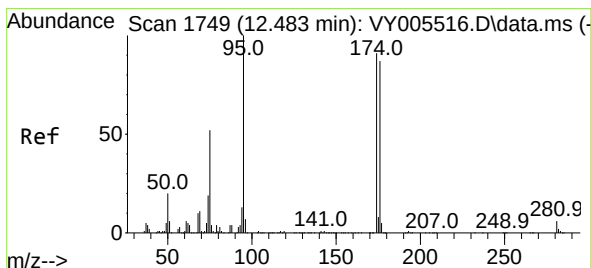
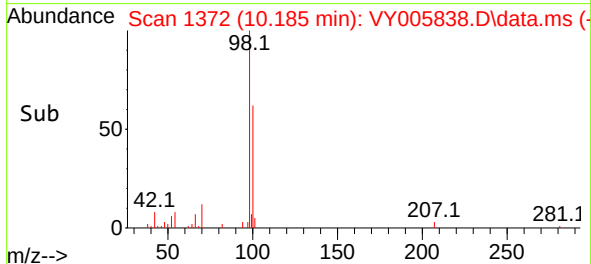
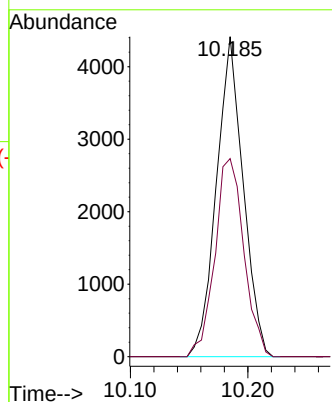
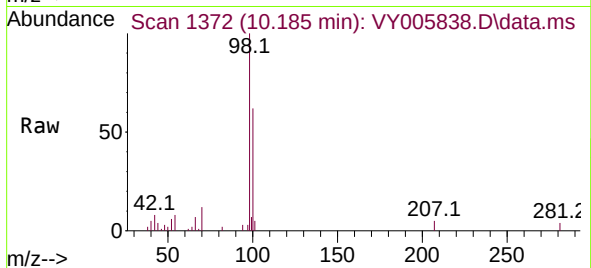




#50
Toluene-d8
Concen: 48.678 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005838.D
Acq: 25 Aug 2021 14:29

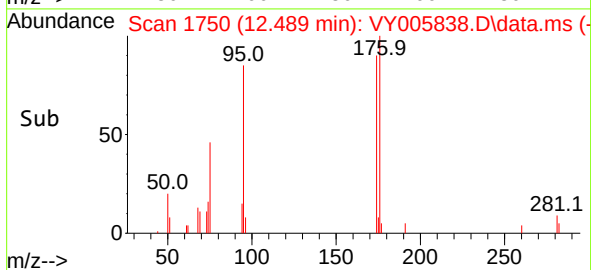
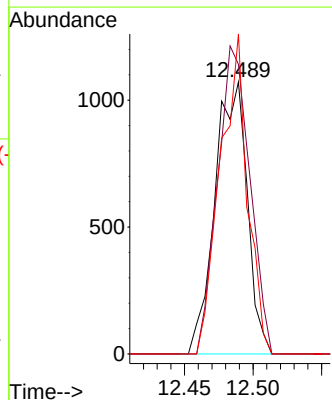
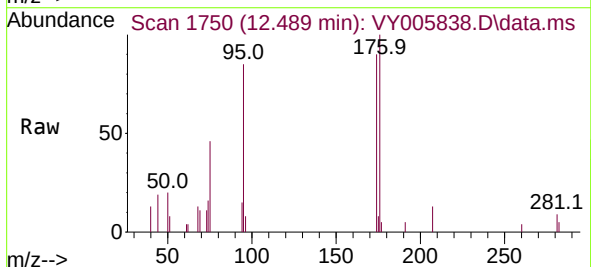
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ClientSampleId :
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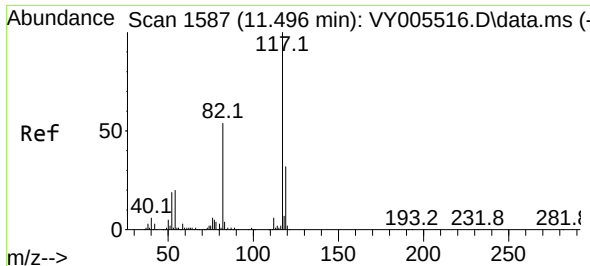
Tgt Ion: 98 Resp: 6978
Ion Ratio Lower Upper
98 100
100 67.2 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 37.076 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY005838.D
Acq: 25 Aug 2021 14:29

Tgt Ion: 95 Resp: 1760
Ion Ratio Lower Upper
95 100
174 112.7 0.0 191.4
176 98.6 0.0 183.6

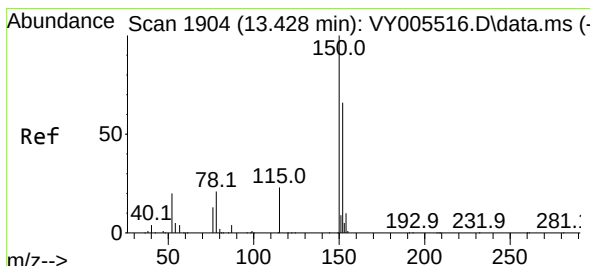
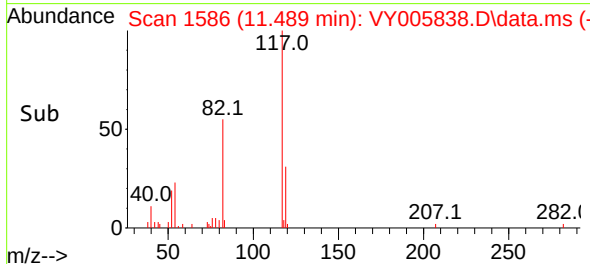
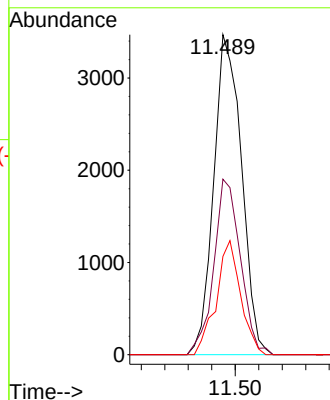
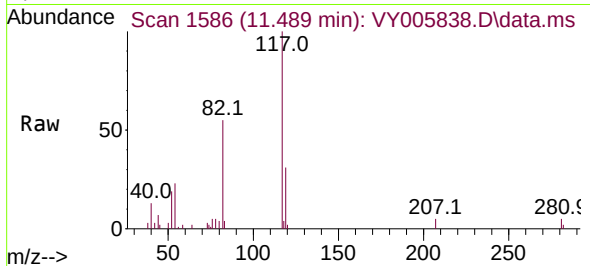




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005838.D
Acq: 25 Aug 2021 14:29

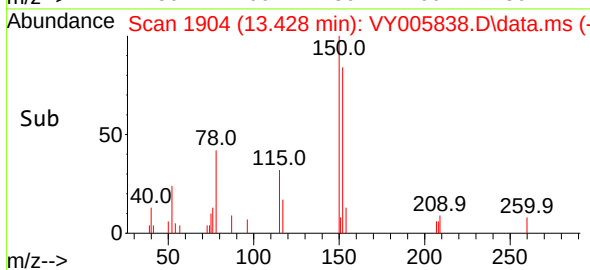
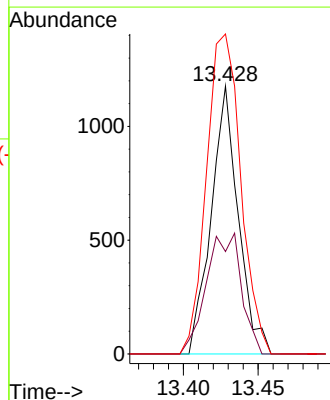
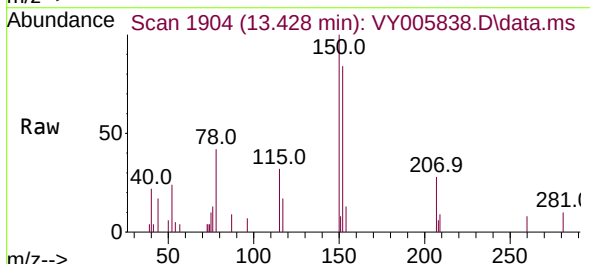
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MSVOA_Y
ClientSampled :
124035RE

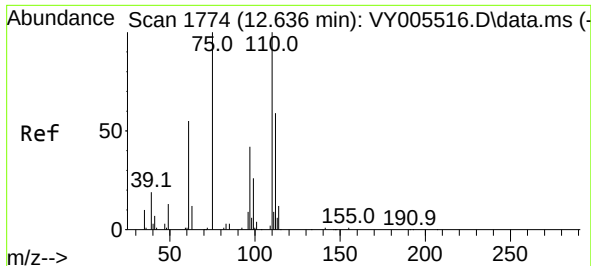
Tgt Ion:	117	Resp:	5703
Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.5	65.3
119	30.7	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005838.D
Acq: 25 Aug 2021 14:29

Tgt Ion:	152	Resp:	1488
Ion	Ratio	Lower	Upper
152	100		
115	57.8	27.3	81.9
150	150.8	0.0	350.2

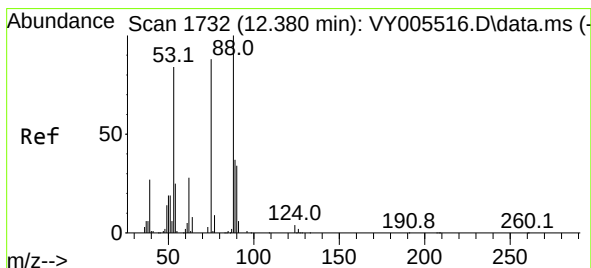
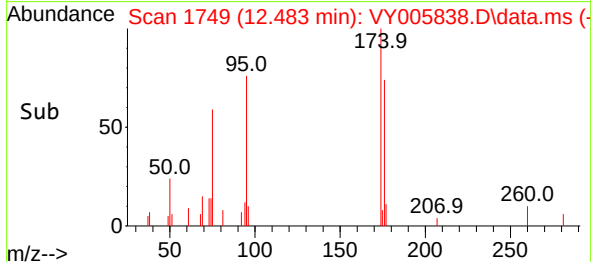
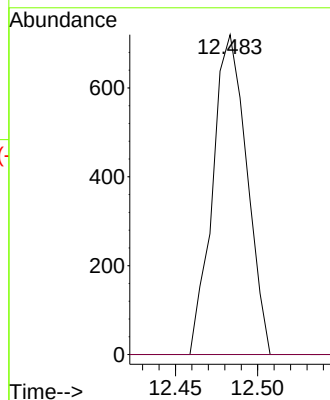
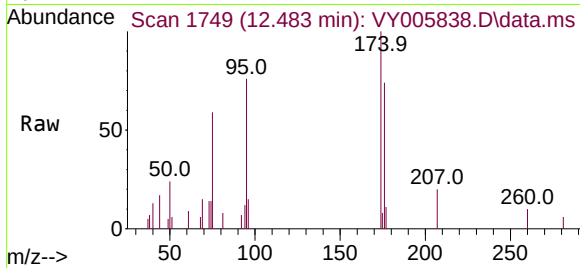




#76
1,2,3-Trichloropropane
Concen: 67.510 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005838.D
Acq: 25 Aug 2021 14:29

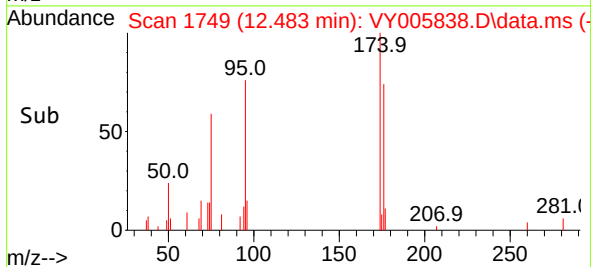
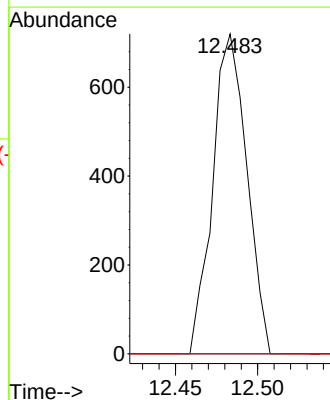
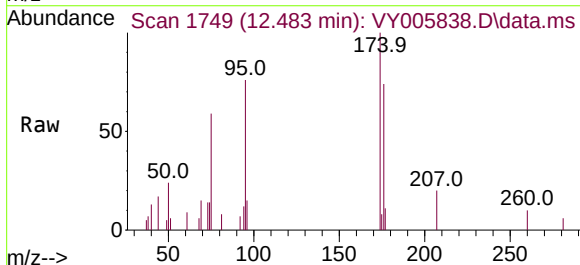
Instrument :
MSVOA_Y
ClientSampled :
124035RE

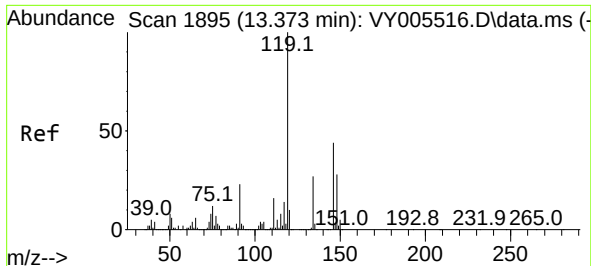
Tgt Ion: 75 Resp: 1041
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 136.091 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005838.D
Acq: 25 Aug 2021 14:29

Tgt Ion: 75 Resp: 1041
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

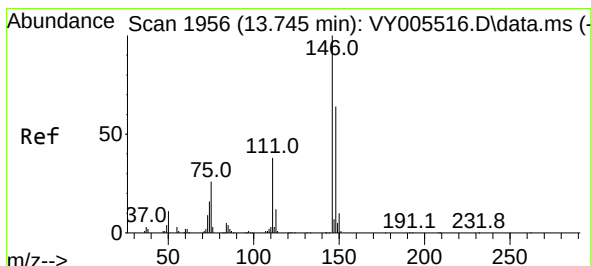
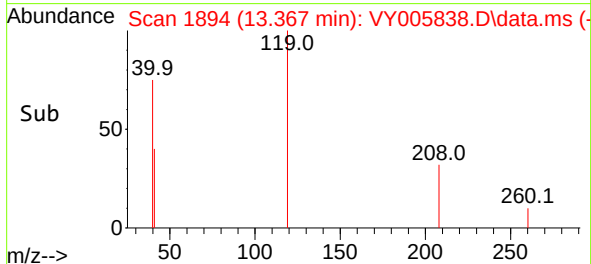
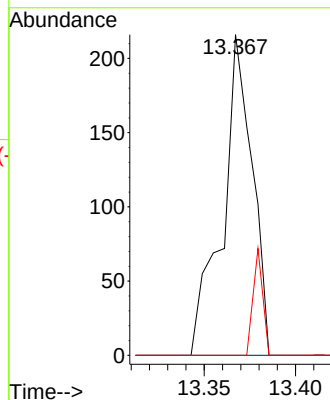
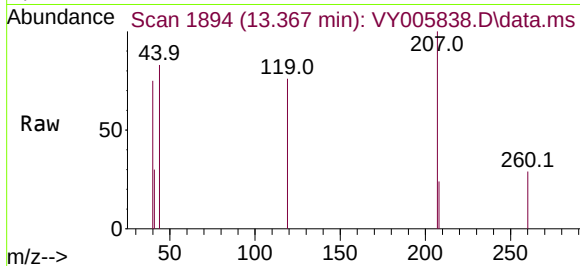




#86
p-Isopropyltoluene
Concen: 2.547 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY005838.D
Acq: 25 Aug 2021 14:29

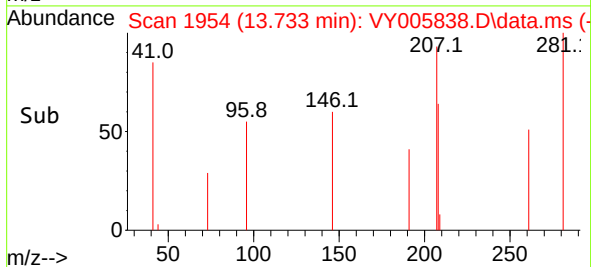
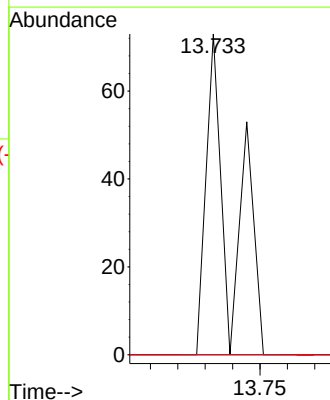
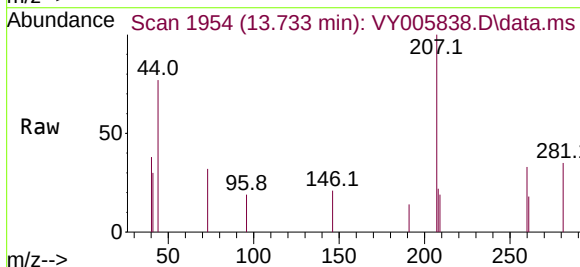
Instrument :
MSVOA_Y
ClientSampleId :
124035RE

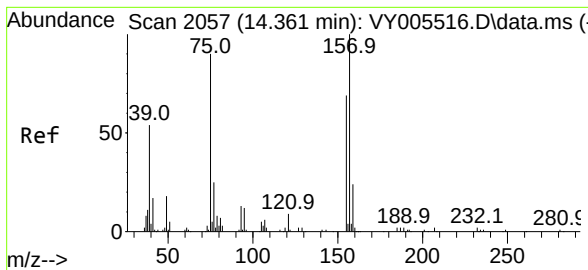
Tgt Ion:119	Resp:	244
Ion	Ratio	Lower Upper
119	100	
134	0.0	13.6 40.7#
91	10.7	11.6 34.7#



#91
1,2-Dichlorobenzene
Concen: 1.046 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.012 min
Lab File: VY005838.D
Acq: 25 Aug 2021 14:29

Tgt Ion:146	Resp:	46
Ion	Ratio	Lower Upper
146	100	
111	0.0	19.4 58.2#
148	0.0	31.9 95.5#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.809 ug/l
 RT: 14.141 min Scan# 2021
 Delta R.T. -0.220 min
 Lab File: VY005838.D
 Acq: 25 Aug 2021 14:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 124035RE

Tgt Ion:	75	Resp:	22
Ion	Ratio	Lower	Upper
75	100		
155	0.0	42.4	127.1#
157	0.0	56.0	168.2#

