

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
 Data File : VY005532.D
 Acq On : 04 Aug 2021 13:05
 Operator : SY/MD
 Sample : M3271-04
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 05 06:38:46 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)

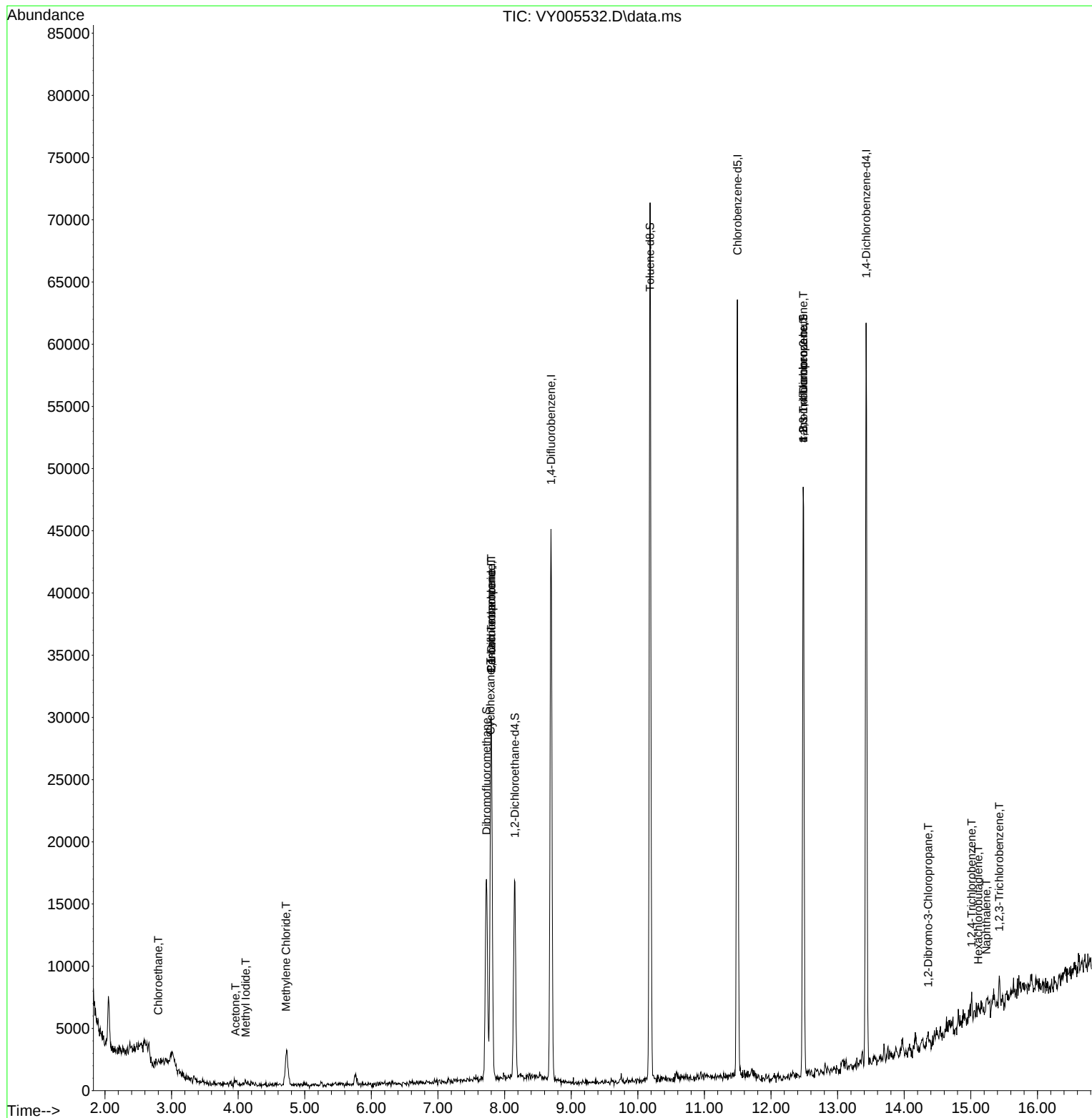
Internal Standards						
1) Pentafluorobenzene	7.801	168	24896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	37346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	34986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	15479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	12830	50.911	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.820%			
35) Dibromofluoromethane	7.728	113	10610	50.743	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.480%			
50) Toluene-d8	10.184	98	45838	52.272	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.540%			
62) 4-Bromofluorobenzene	12.483	95	13497	46.479	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.960%			
Target Compounds						Qvalue
6) Chloroethane	2.802	64	211	1.195	ug/l #	42
10) Methyl Iodide	4.112	142	384	1.451	ug/l #	84
16) Acetone	3.960	43	473	7.444	ug/l #	71
20) Methylene Chloride	4.716	84	1936	1.847	ug/l #	70
31) Cyclohexane	7.789	56	544	1.258	ug/l #	34
36) 1,1-Dichloropropene	7.801	75	1835	5.239	ug/l #	41
38) Carbon Tetrachloride	7.801	117	2268	5.957	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	7573	47.211	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	7573	95.172	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.361	75	63	1.599	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.013	180	533	1.696	ug/l	98
94) Hexachlorobutadiene	15.110	225	222	1.091	ug/l	83
95) Naphthalene	15.232	128	910	1.469	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.427	180	470	1.688	ug/l	99

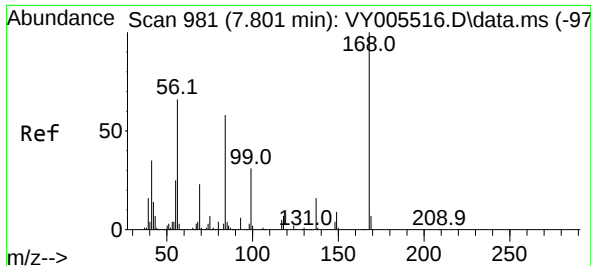
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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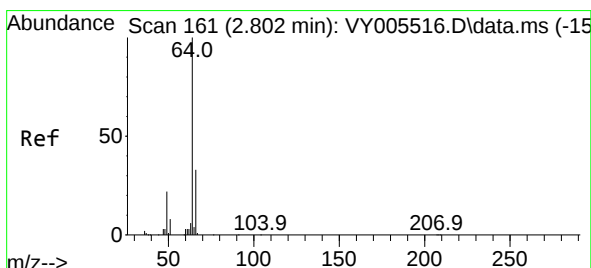
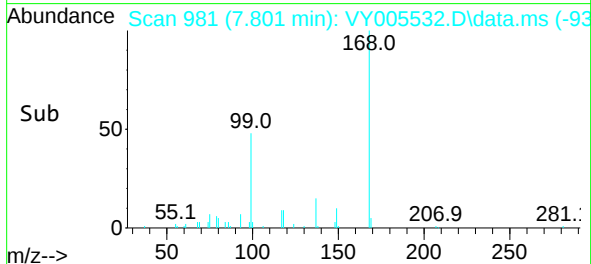
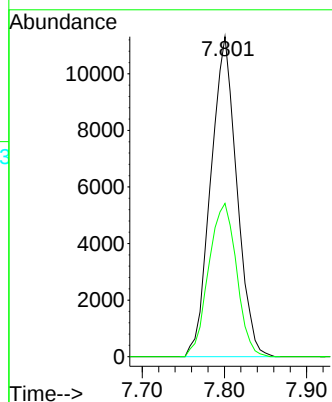
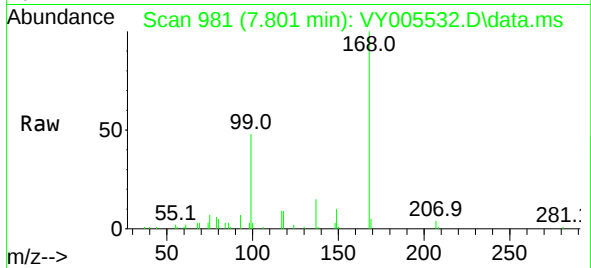




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005532.D
Acq: 04 Aug 2021 13:05

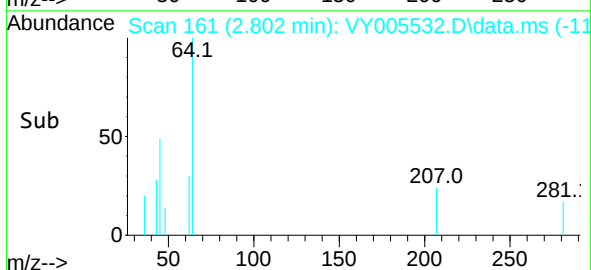
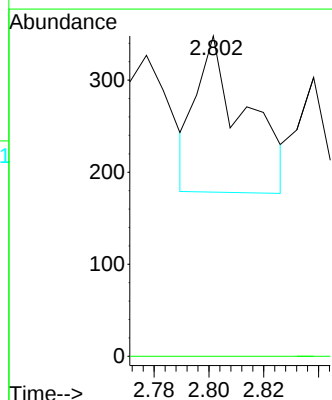
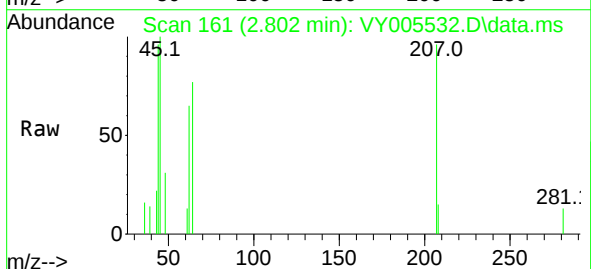
Instrument :
MSVOA_Y
ClientSampleId :

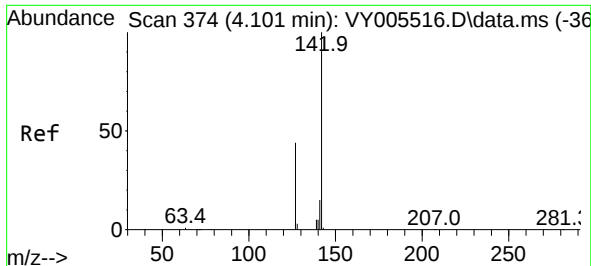
Tgt Ion:168 Resp: 24896
Ion Ratio Lower Upper
168 100
99 47.9 38.9 58.3



#6
Chloroethane
Concen: 1.195 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY005532.D
Acq: 04 Aug 2021 13:05

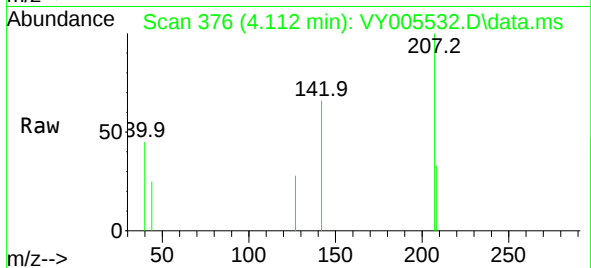
Tgt Ion: 64 Resp: 211
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



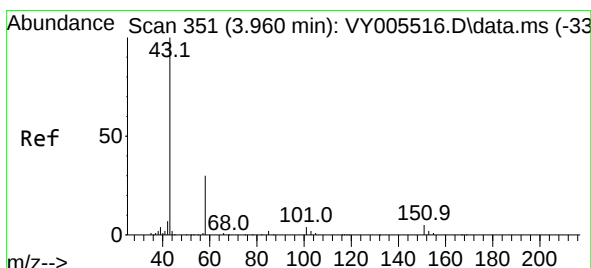
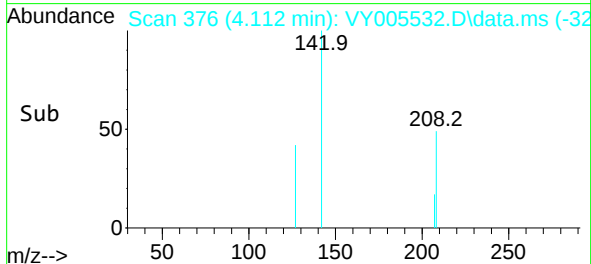
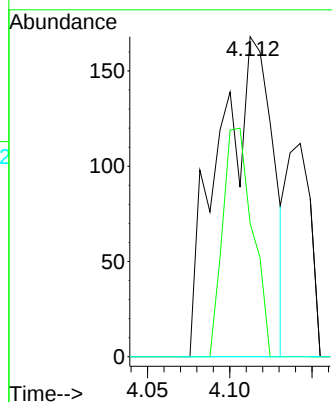


#10
Methyl Iodide
Concen: 1.451 ug/l
RT: 4.112 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY005532.D
Acq: 04 Aug 2021 13:05

Instrument :
MSVOA_Y
ClientSampled :

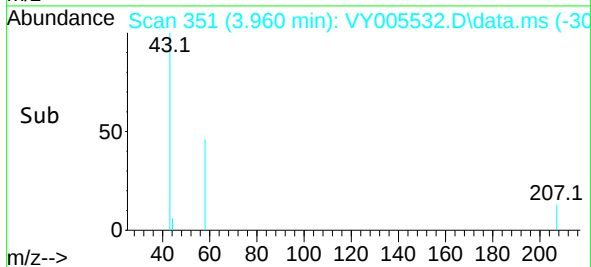
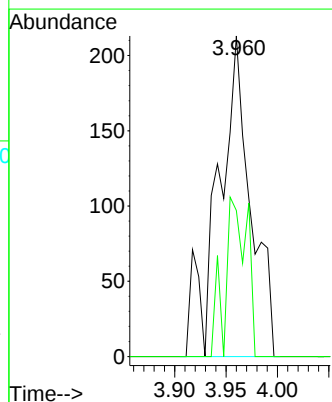
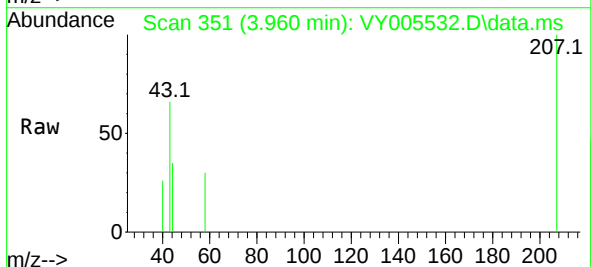


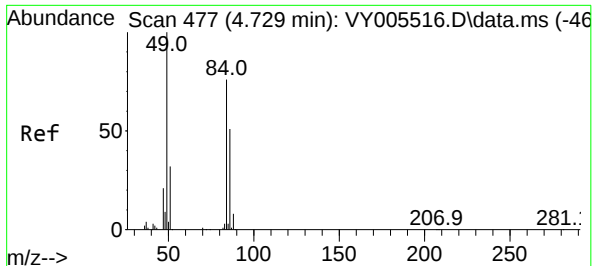
Tgt Ion:	142	Resp:	384
Ion	Ratio	Lower	Upper
142	100		
127	39.3	36.6	54.8
141	0.0	12.2	18.4#



#16
Acetone
Concen: 7.444 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005532.D
Acq: 04 Aug 2021 13:05

Tgt Ion:	43	Resp:	473
Ion	Ratio	Lower	Upper
43	100		
58	45.5	23.8	35.6#





#20

Methylene Chloride

Concen: 1.847 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.013 min

Lab File: VY005532.D

Acq: 04 Aug 2021 13:05

Tgt Ion: 84 Resp: 1936

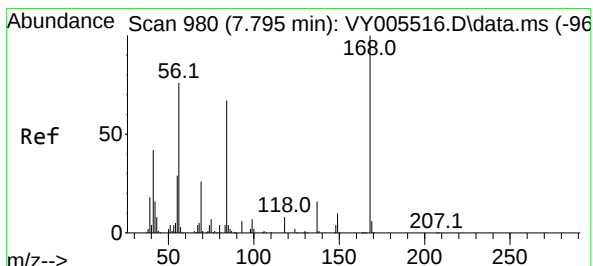
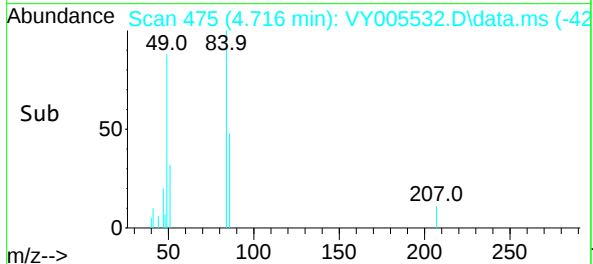
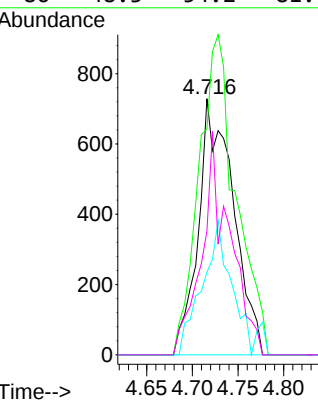
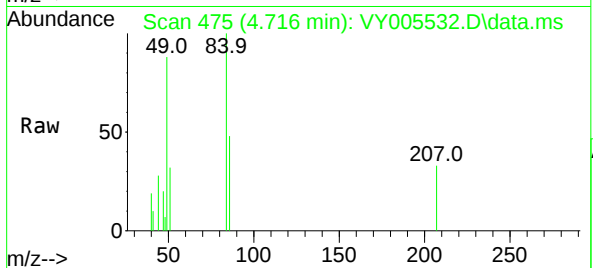
Ion Ratio Lower Upper

84 100

49 88.2 105.8 158.6#

51 32.2 33.4 50.2#

86 48.3 54.2 81.4#



#31

Cyclohexane

Concen: 1.258 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.007 min

Lab File: VY005532.D

Acq: 04 Aug 2021 13:05

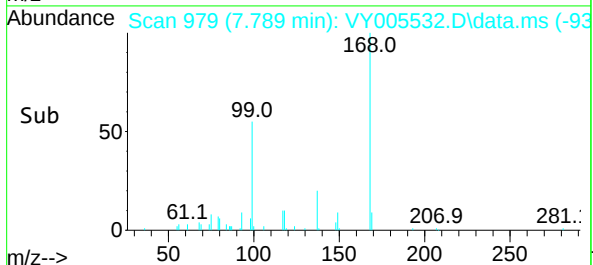
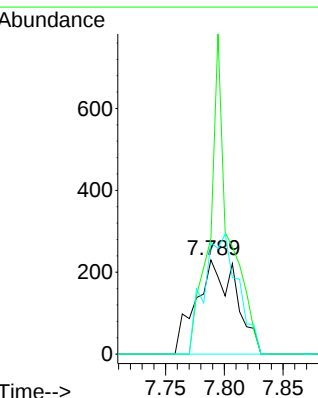
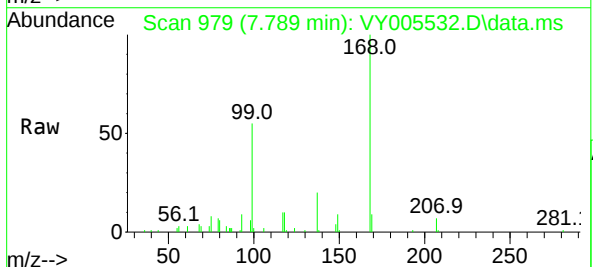
Tgt Ion: 56 Resp: 544

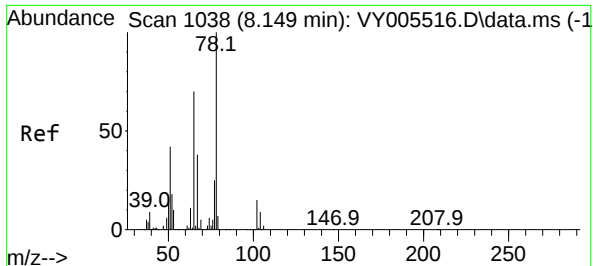
Ion Ratio Lower Upper

56 100

69 123.0 27.7 41.5#

84 118.7 70.9 106.3#

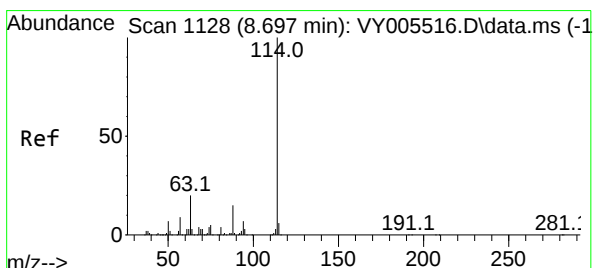
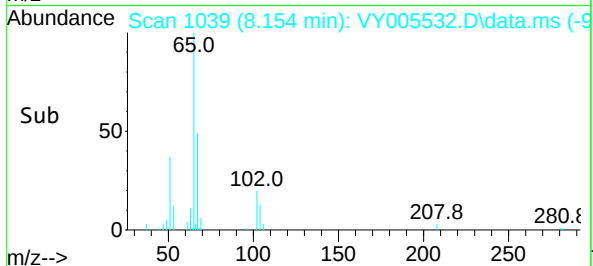
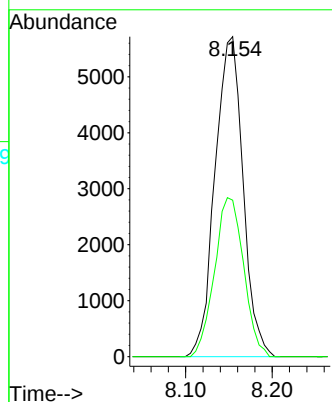
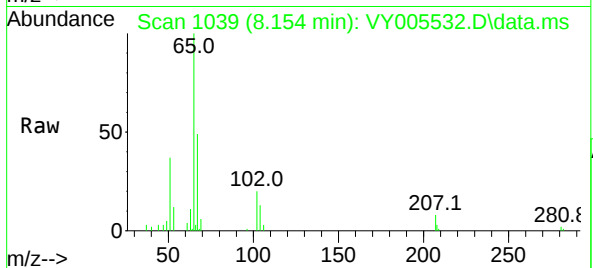




#33
1,2-Dichloroethane-d4
Concen: 50.911 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY005532.D
Acq: 04 Aug 2021 13:05

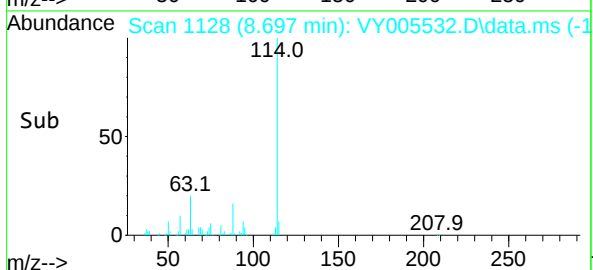
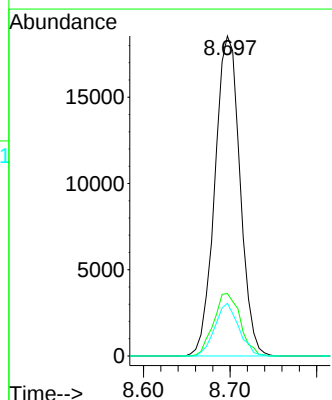
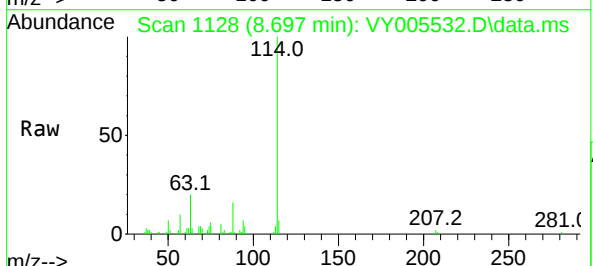
Instrument :
MSVOA_Y
ClientSampled :

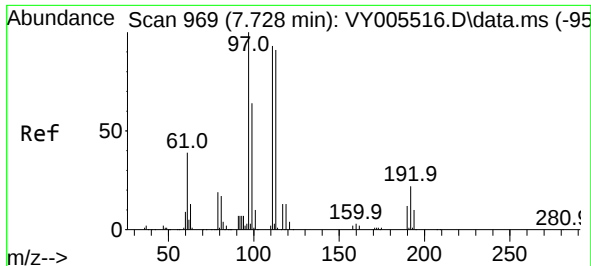
Tgt Ion: 65 Resp: 12830
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005532.D
Acq: 04 Aug 2021 13:05

Tgt Ion: 114 Resp: 37346
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.2
88 16.5 0.0 30.8

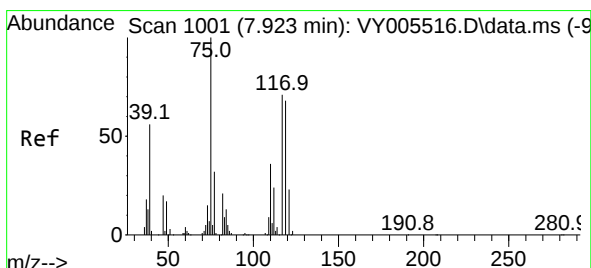
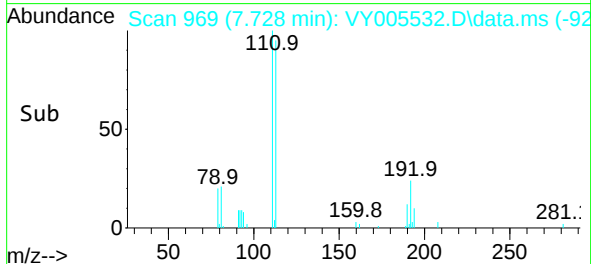
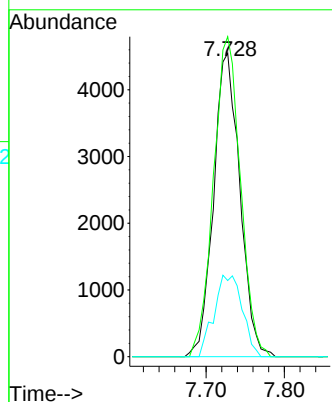
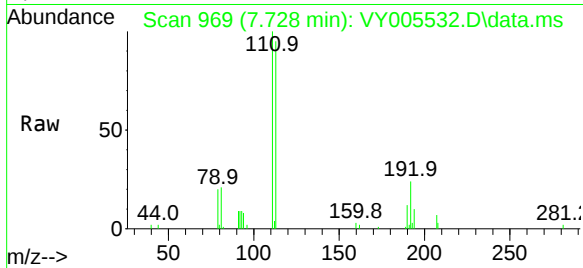




#35
Dibromofluoromethane
Concen: 50.743 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005532.D
Acq: 04 Aug 2021 13:05

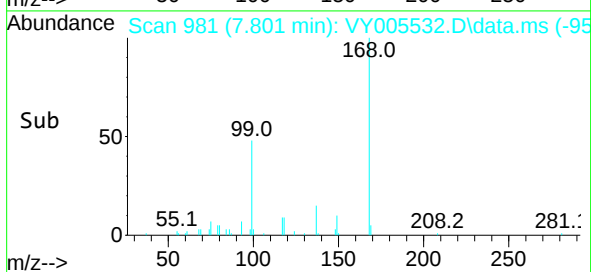
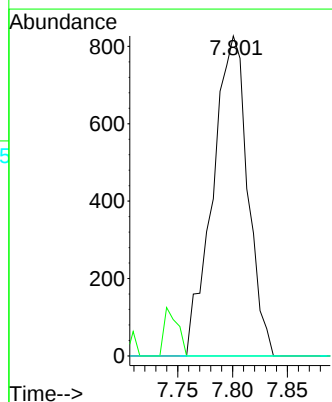
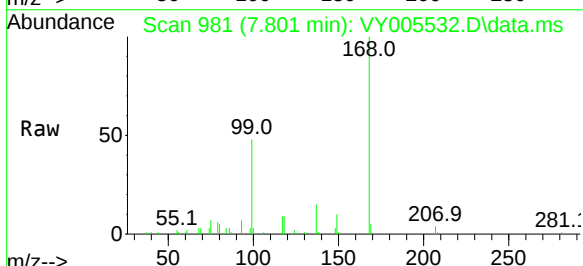
Instrument :
MSVOA_Y
ClientSampleId :

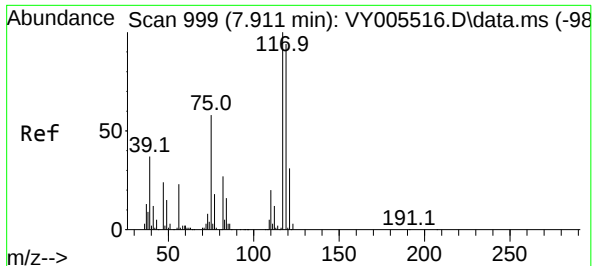
Tgt Ion:	113	Resp:	10610
Ion	Ratio	Lower	Upper
113	100		
111	108.0	81.9	122.9
192	28.7	19.2	28.8



#36
1,1-Dichloropropene
Concen: 5.239 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005532.D
Acq: 04 Aug 2021 13:05

Tgt Ion:	75	Resp:	1835
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.1#
77	0.0	25.1	37.7#

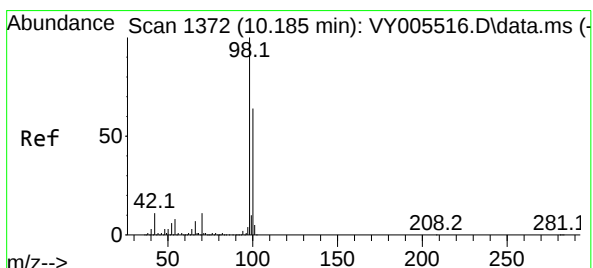
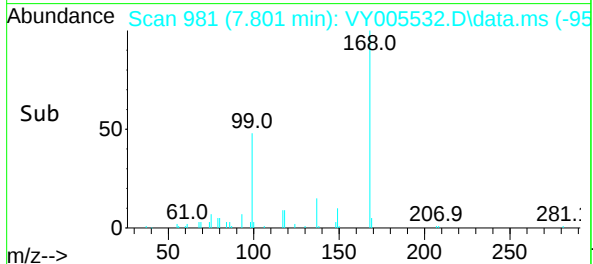
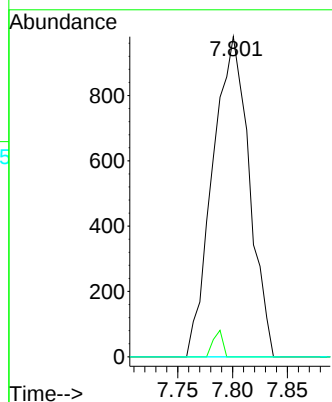
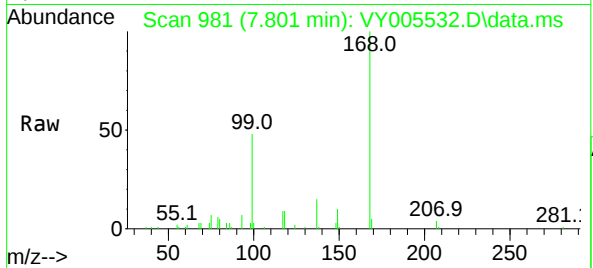




#38
Carbon Tetrachloride
Concen: 5.957 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005532.D
Acq: 04 Aug 2021 13:05

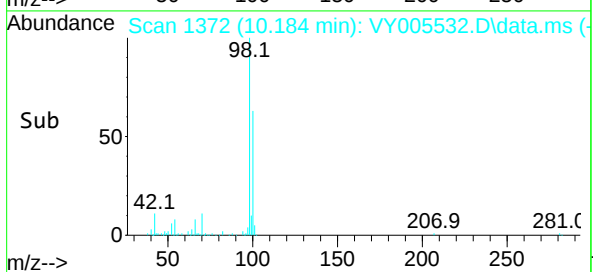
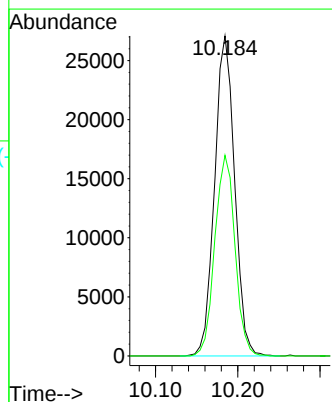
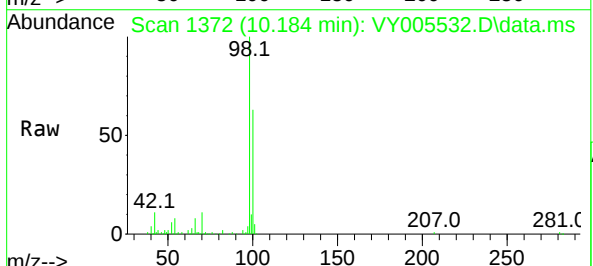
Instrument :
MSVOA_Y
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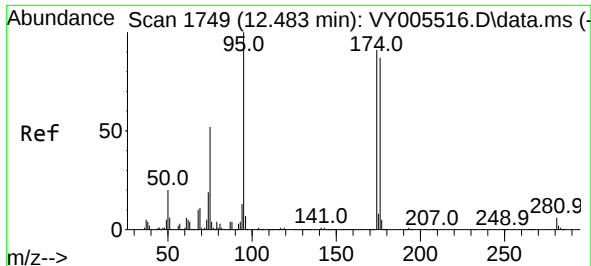
Tgt Ion:117 Resp: 2268
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.272 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005532.D
Acq: 04 Aug 2021 13:05

Tgt Ion: 98 Resp: 45838
Ion Ratio Lower Upper
98 100
100 63.2 51.3 76.9

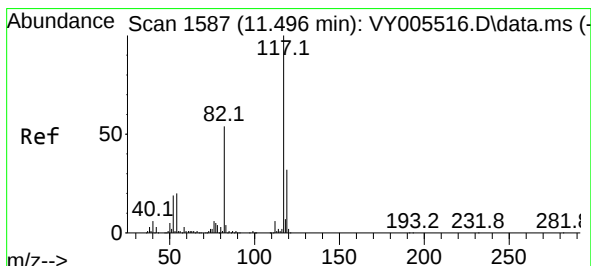
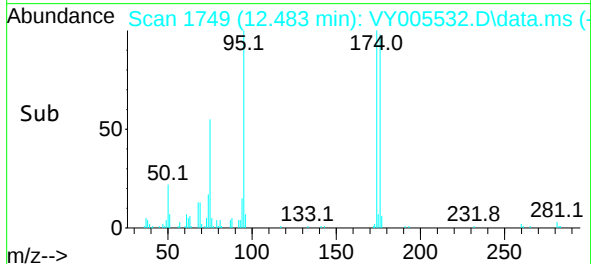
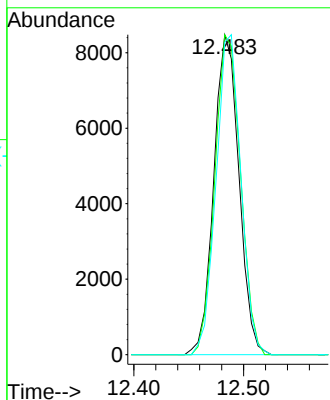
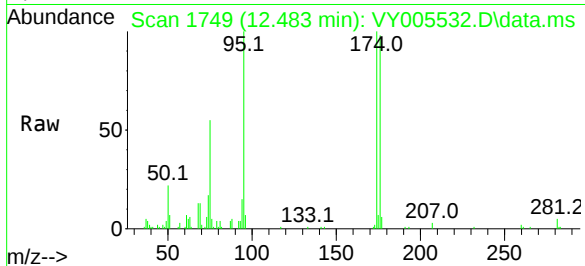




#62
4-Bromofluorobenzene
Concen: 46.479 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005532.D
Acq: 04 Aug 2021 13:05

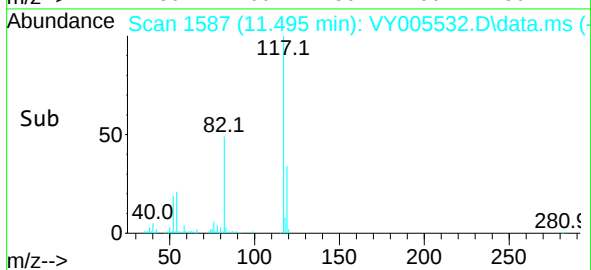
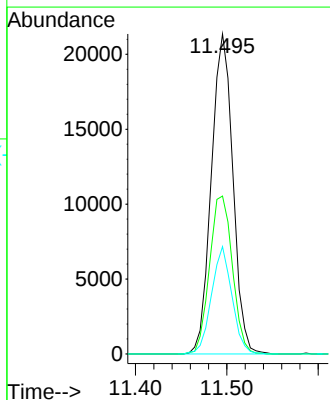
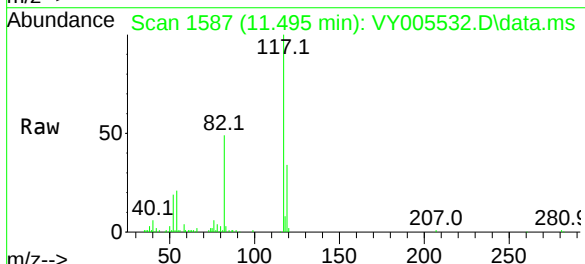
Instrument :
MSVOA_Y
ClientSampleId :

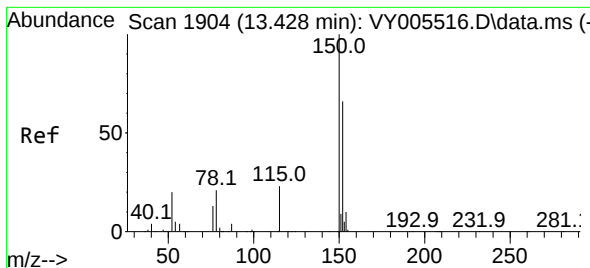
Tgt Ion:	95	Resp:	13497
Ion	Ratio	Lower	Upper
95	100		
174	102.1	0.0	191.4
176	98.8	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005532.D
Acq: 04 Aug 2021 13:05

Tgt Ion:	117	Resp:	34986
Ion	Ratio	Lower	Upper
117	100		
82	49.3	43.5	65.3
119	33.5	25.5	38.3

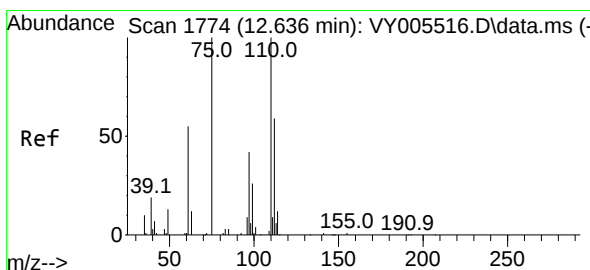
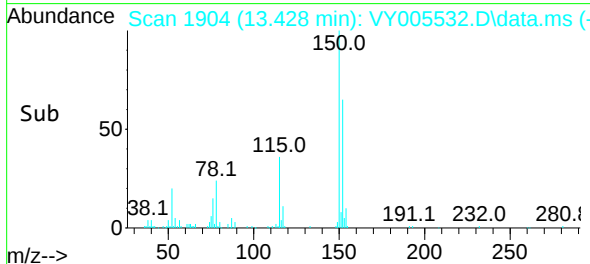
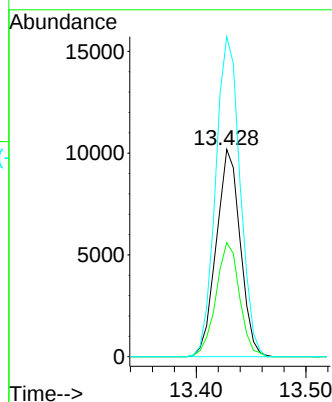
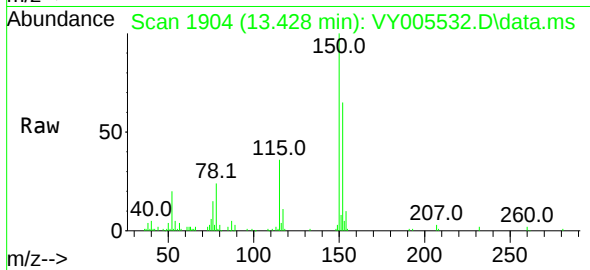




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005532.D
 Acq: 04 Aug 2021 13:05

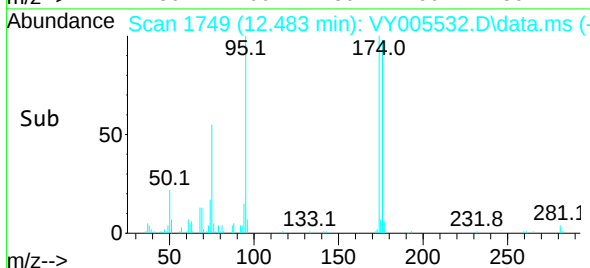
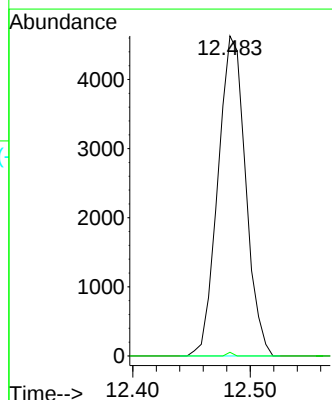
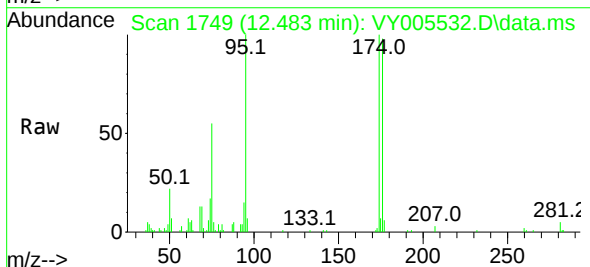
Instrument :
 MSVOA_Y
 ClientSampled :

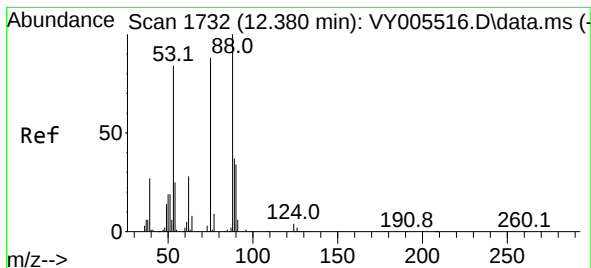
Tgt Ion:152 Resp: 15479
 Ion Ratio Lower Upper
 152 100
 115 54.1 27.3 81.9
 150 157.3 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 47.211 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005532.D
 Acq: 04 Aug 2021 13:05

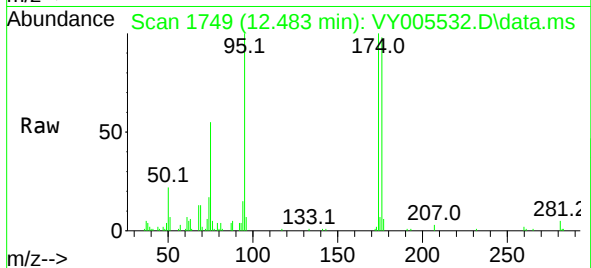
Tgt Ion: 75 Resp: 7573
 Ion Ratio Lower Upper
 75 100
 77 0.3 0.0 0.0#



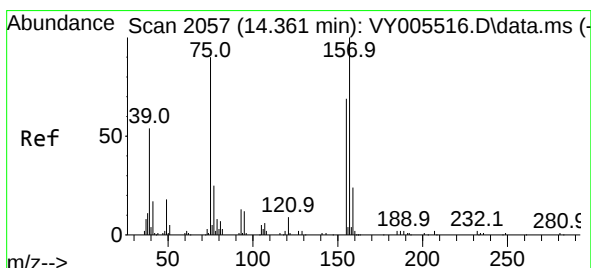
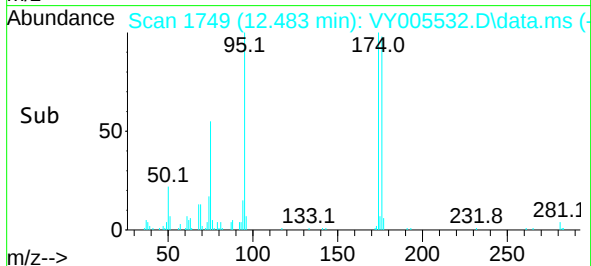
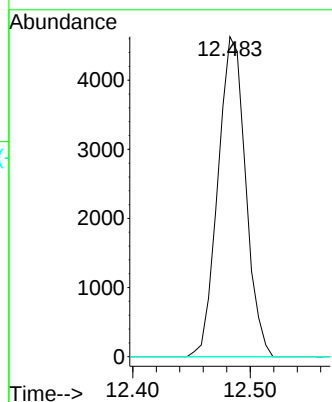


#81
trans-1,4-Dichloro-2-butene
Concen: 95.172 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005532.D
Acq: 04 Aug 2021 13:05

Instrument :
MSVOA_Y
ClientSampled :

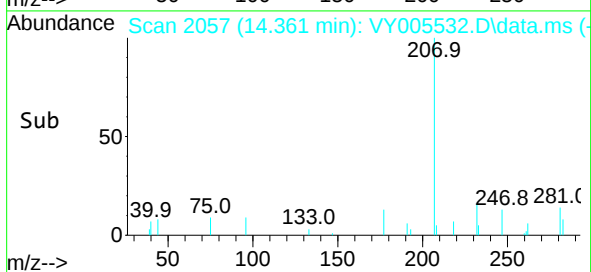
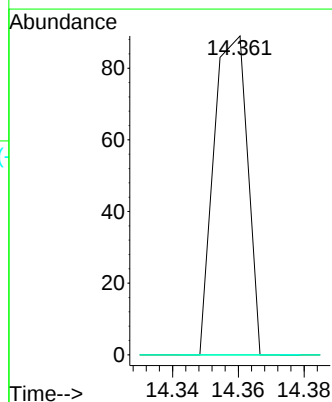
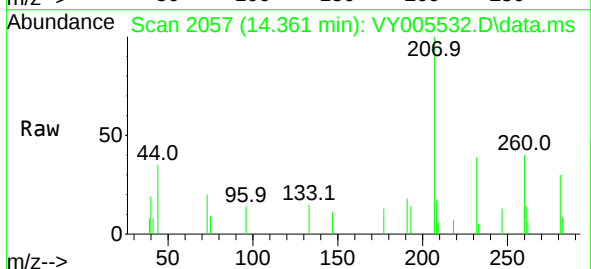


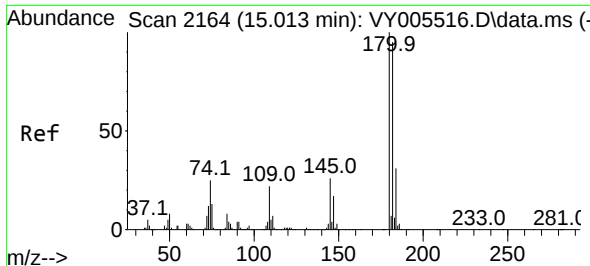
Tgt Ion: 75 Resp: 7573
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.599 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.001 min
Lab File: VY005532.D
Acq: 04 Aug 2021 13:05

Tgt Ion: 75 Resp: 63
Ion Ratio Lower Upper
75 100
155 0.0 42.4 127.1#
157 0.0 56.0 168.2#

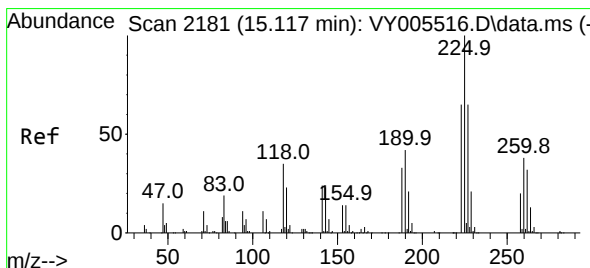
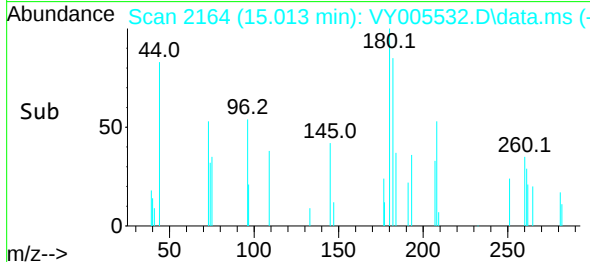
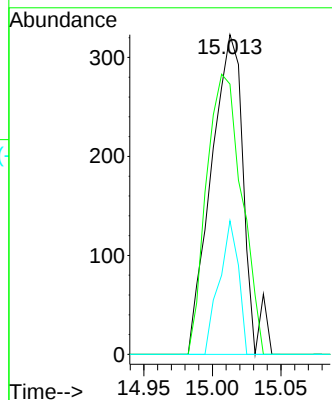
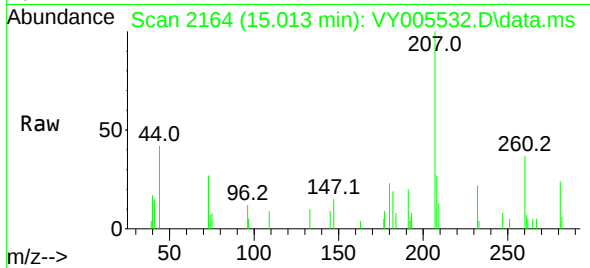




#93
1,2,4-Trichlorobenzene
Concen: 1.696 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. -0.001 min
Lab File: VY005532.D
Acq: 04 Aug 2021 13:05

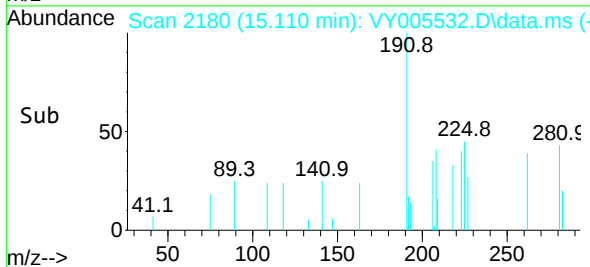
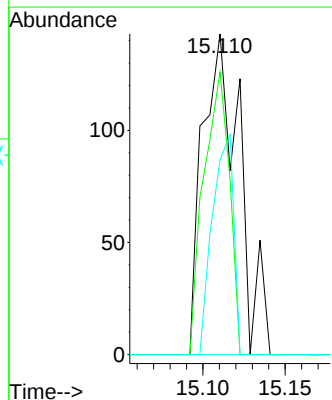
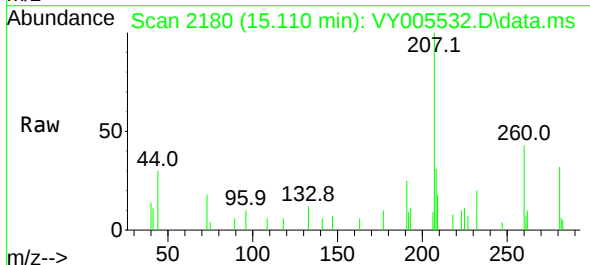
Instrument :
MSVOA_Y
ClientSampleId :

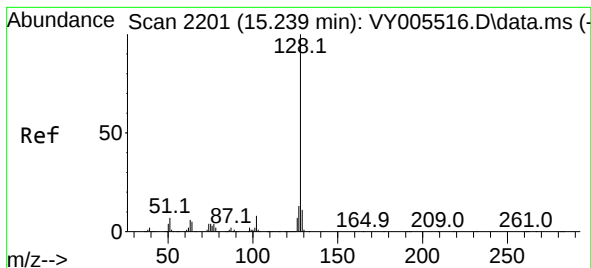
Tgt Ion:180 Resp: 533
Ion Ratio Lower Upper
180 100
182 95.1 47.8 143.4
145 24.8 14.0 42.0



#94
Hexachlorobutadiene
Concen: 1.091 ug/l
RT: 15.110 min Scan# 2180
Delta R.T. -0.007 min
Lab File: VY005532.D
Acq: 04 Aug 2021 13:05

Tgt Ion:225 Resp: 222
Ion Ratio Lower Upper
225 100
223 60.8 31.4 94.0
227 39.2 32.2 96.6

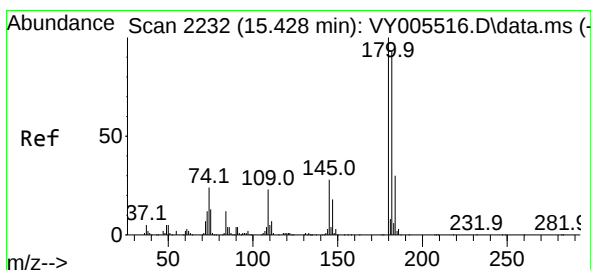
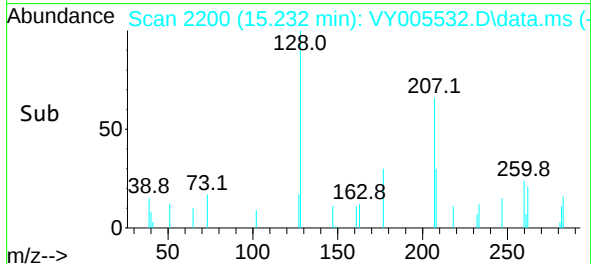
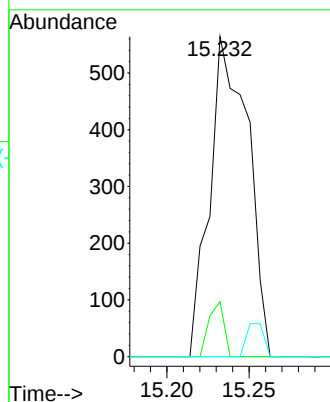
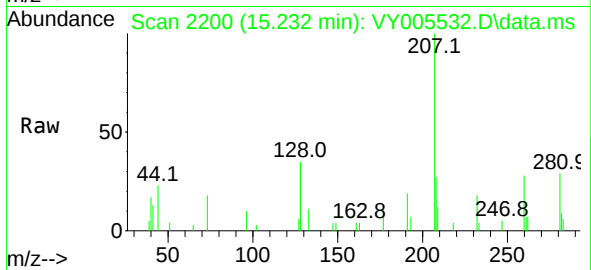




#95
Naphthalene
Concen: 1.469 ug/l
RT: 15.232 min Scan# 2200
Delta R.T. -0.007 min
Lab File: VY005532.D
Acq: 04 Aug 2021 13:05

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:128 Resp: 910
Ion Ratio Lower Upper
128 100
127 6.8 10.6 15.8#
129 4.6 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 1.688 ug/l
RT: 15.427 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY005532.D
Acq: 04 Aug 2021 13:05

Tgt Ion:180 Resp: 470
Ion Ratio Lower Upper
180 100
182 96.2 47.9 143.6
145 31.7 14.6 44.0

