

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081721\
 Data File : VY005718.D
 Acq On : 17 Aug 2021 18:16
 Operator : SY/MD
 Sample : M3438-03
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 01:53:03 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)

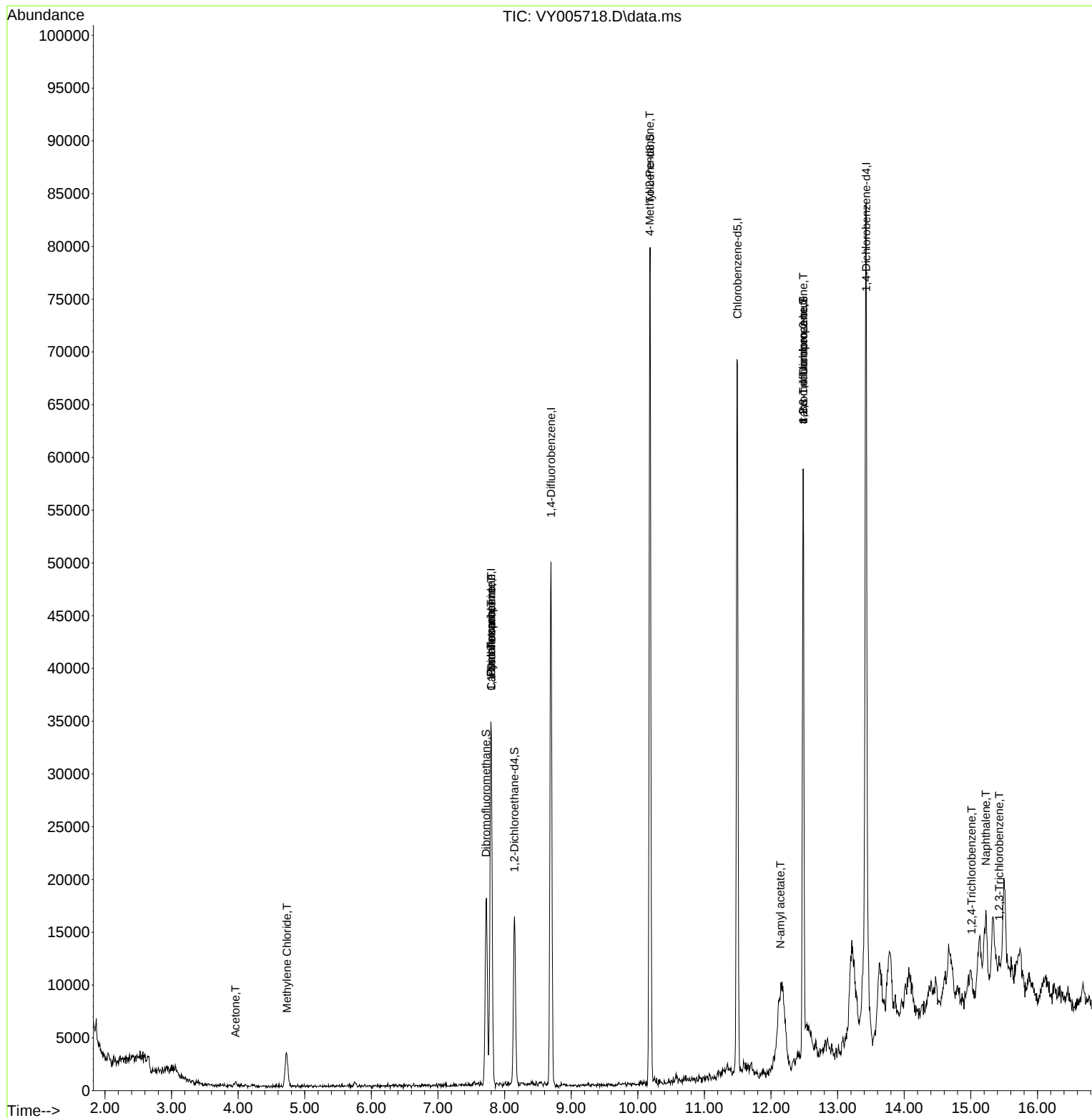
Internal Standards						
1) Pentafluorobenzene	7.795	168	28258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	41149	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	36869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	17304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	13208	46.175	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.360%
35) Dibromofluoromethane	7.722	113	11768	51.080	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.160%
50) Toluene-d8	10.185	98	51927	53.743	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.480%
62) 4-Bromofluorobenzene	12.483	95	15611	48.790	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.580%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	387	5.366	ug/l #	80
20) Methylene Chloride	4.735	84	2382	2.581	ug/l #	82
31) Cyclohexane	7.795	56	676	1.378	ug/l #	53
36) 1,1-Dichloropropene	7.801	75	2133	5.527	ug/l #	46
38) Carbon Tetrachloride	7.801	117	2584	6.160	ug/l #	13
51) 4-Methyl-2-Pentanone	10.179	43	257	1.102	ug/l #	1
74) N-amyl acetate	12.142	43	587	1.614	ug/l #	44
76) 1,2,3-Trichloropropane	12.483	75	8742	48.751	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	8742	98.276	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.013	180	498	1.417	ug/l #	84
95) Naphthalene	15.227	128	1487	2.147	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.428	180	588	1.889	ug/l	86

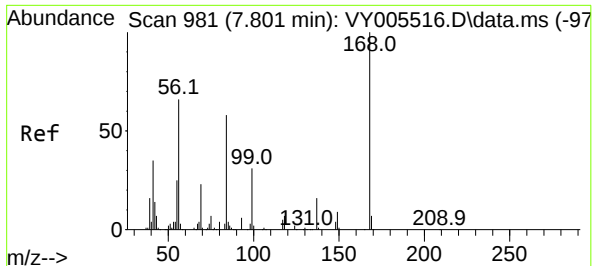
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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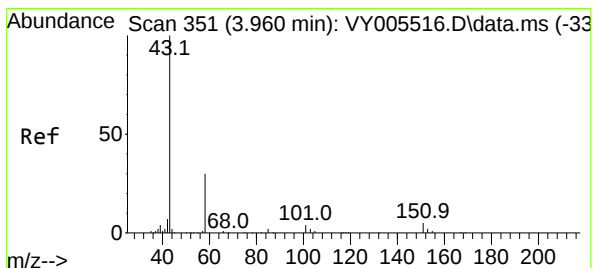
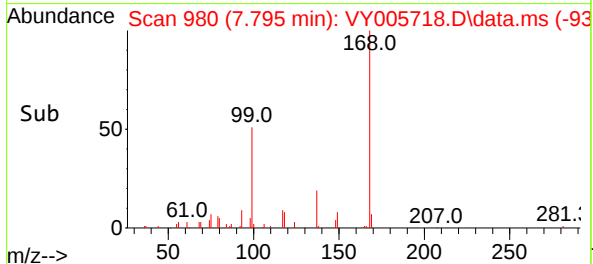
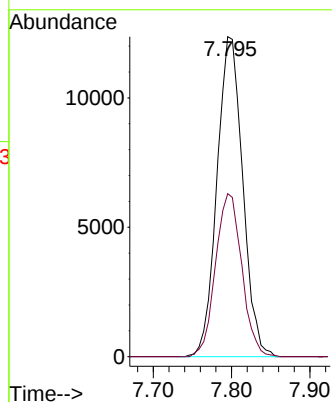
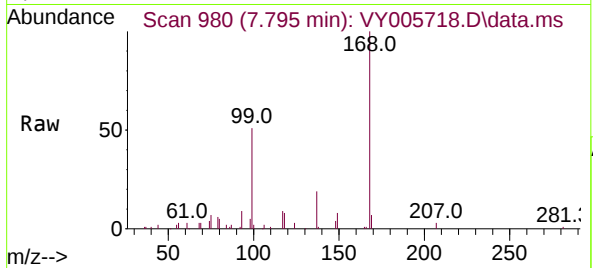




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

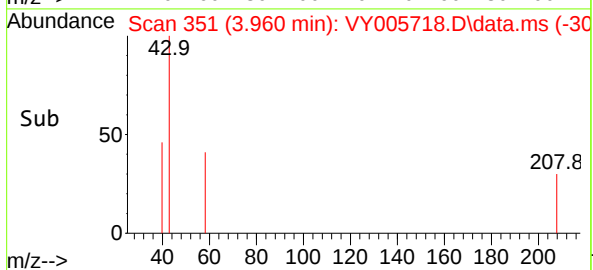
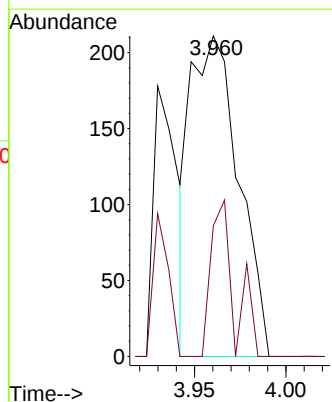
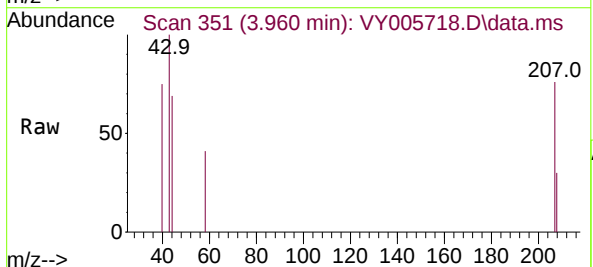
Instrument :
MSVOA_Y
ClientSampleId :

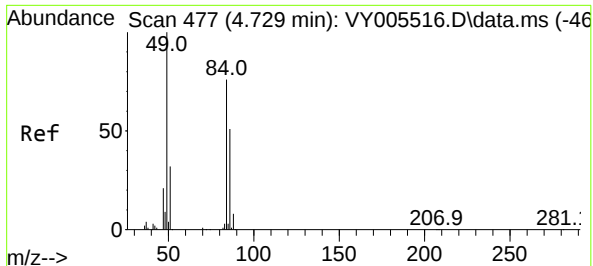
Tgt Ion:168 Resp: 28258
Ion Ratio Lower Upper
168 100
99 51.0 38.9 58.3



#16
Acetone
Concen: 5.366 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

Tgt Ion: 43 Resp: 387
Ion Ratio Lower Upper
43 100
58 40.8 23.8 35.6#



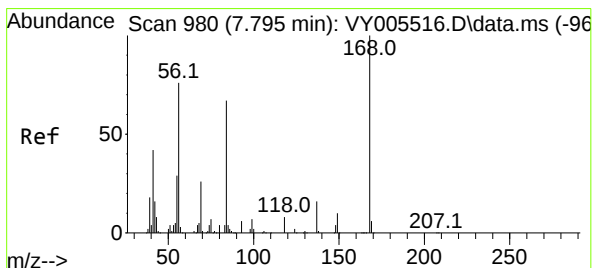
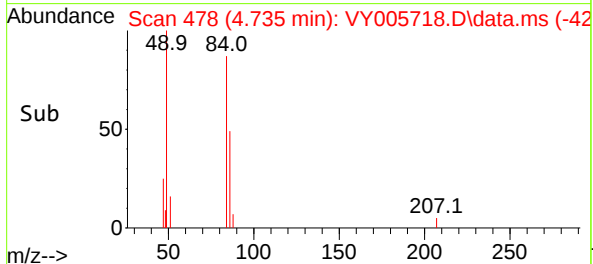
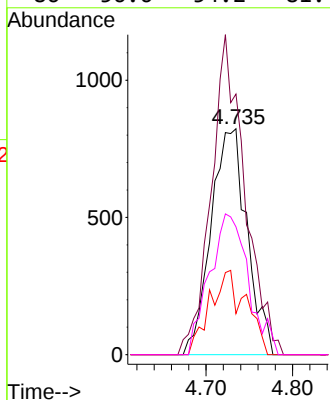
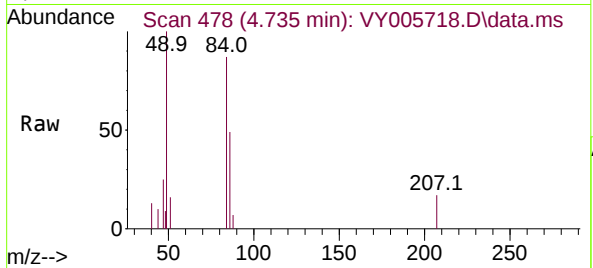


#20
Methylene Chloride
Concen: 2.581 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 2382

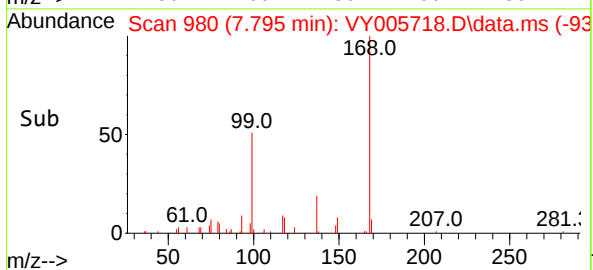
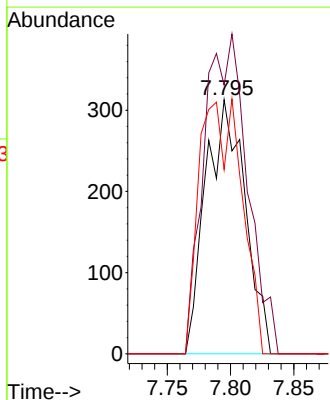
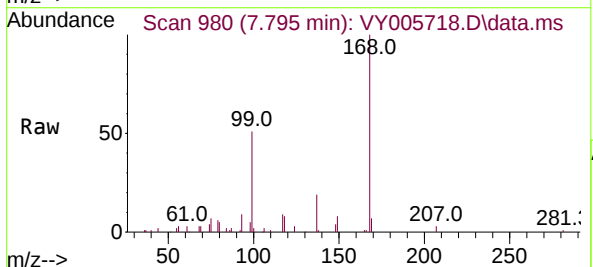
Ion	Ratio	Lower	Upper
84	100		
49	115.4	105.8	158.6
51	18.2	33.4	50.2#
86	56.6	54.2	81.4

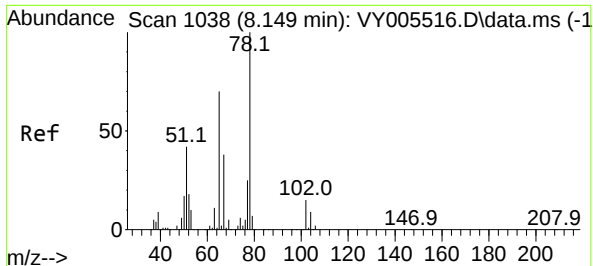


#31
Cyclohexane
Concen: 1.378 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

Tgt Ion: 56 Resp: 676

Ion	Ratio	Lower	Upper
56	100		
69	105.8	27.7	41.5#
84	72.5	70.9	106.3

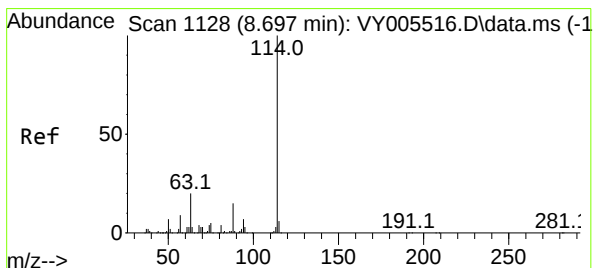
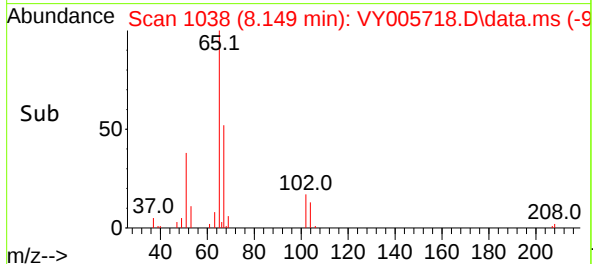
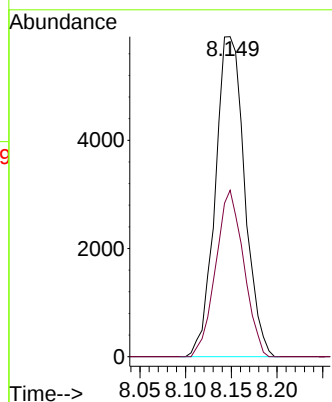
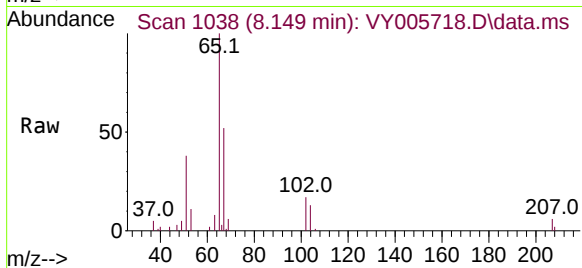




#33
1,2-Dichloroethane-d4
Concen: 46.175 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

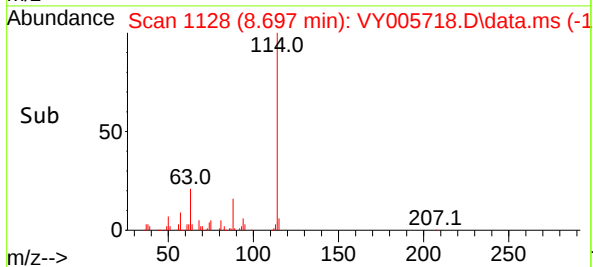
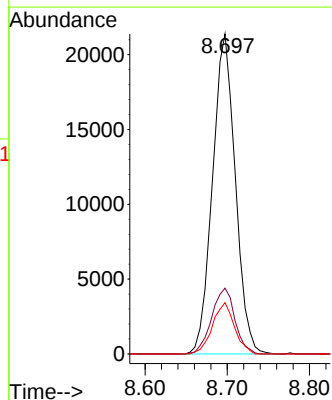
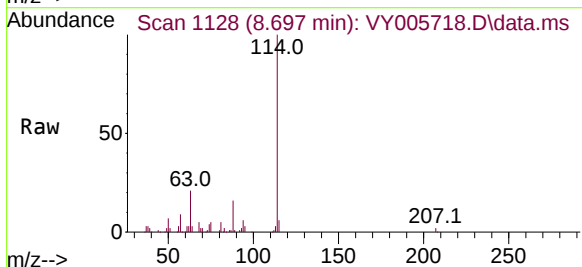
Instrument :
MSVOA_Y
ClientSampleId :

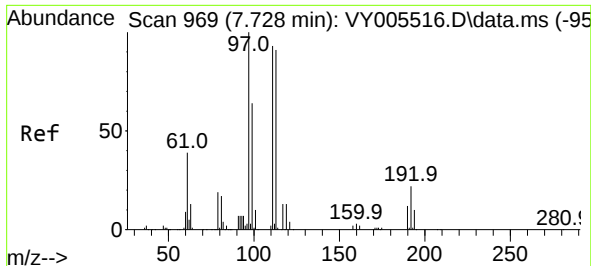
Tgt Ion: 65 Resp: 13208
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

Tgt Ion: 114 Resp: 41149
Ion Ratio Lower Upper
114 100
63 20.5 0.0 39.2
88 16.0 0.0 30.8

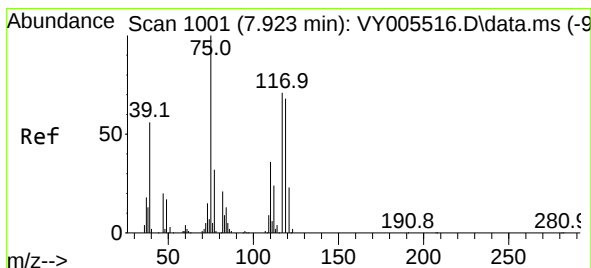
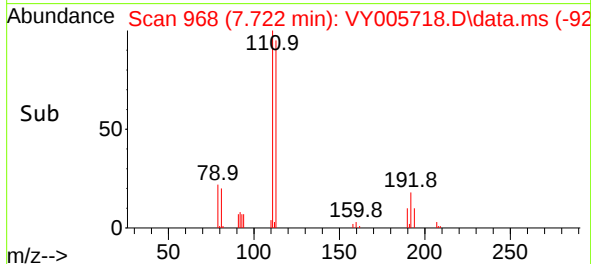
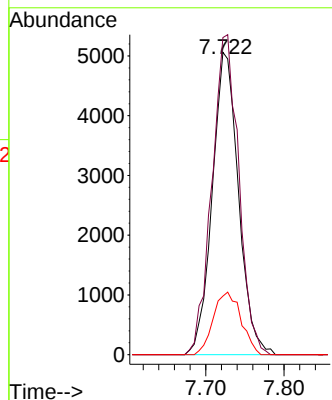
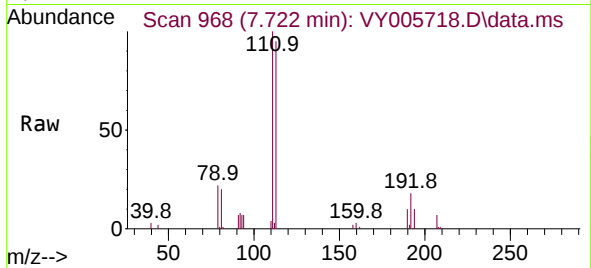




#35
Dibromofluoromethane
Concen: 51.080 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

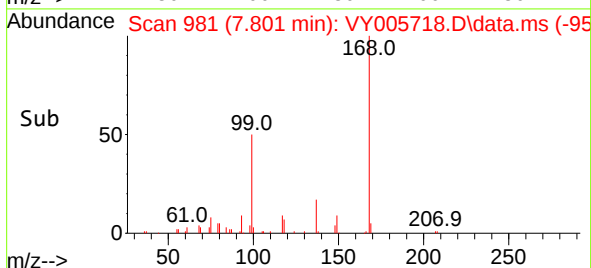
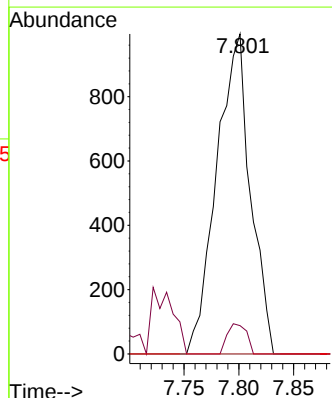
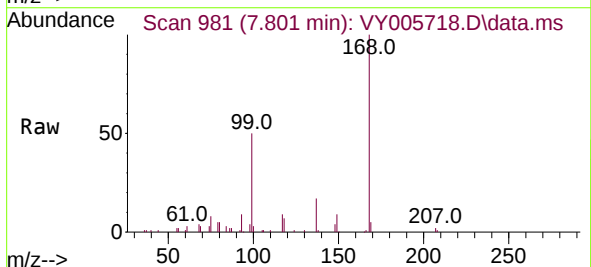
Instrument :
MSVOA_Y
ClientSampleId :

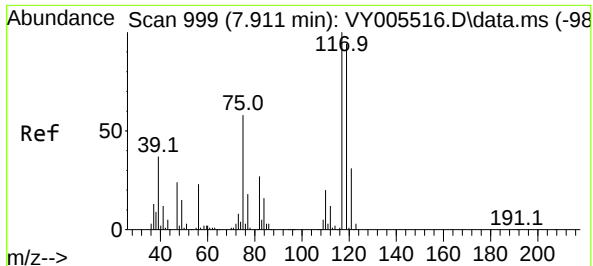
Tgt Ion:113 Resp: 11768
Ion Ratio Lower Upper
113 100
111 108.1 81.9 122.9
192 21.8 19.2 28.8



#36
1,1-Dichloropropene
Concen: 5.527 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

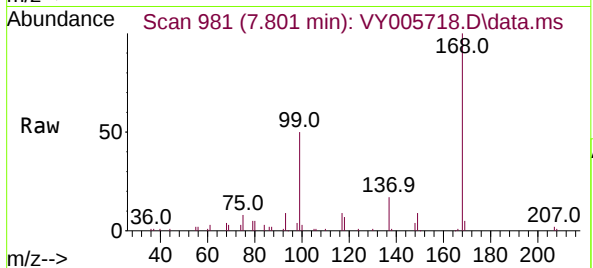
Tgt Ion: 75 Resp: 2133
Ion Ratio Lower Upper
75 100
110 5.3 18.1 54.1#
77 0.0 25.1 37.7#



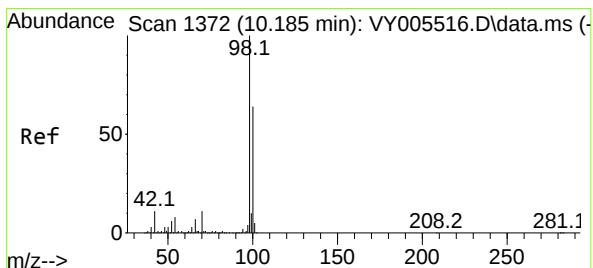
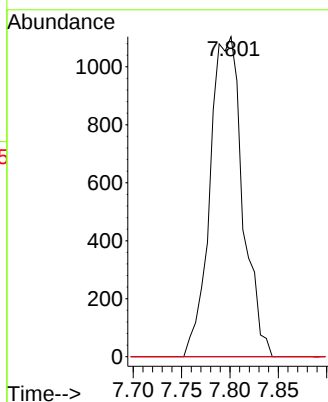
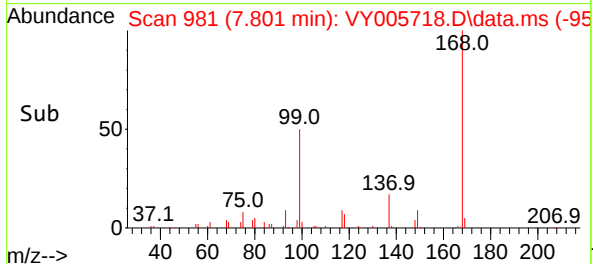


#38
Carbon Tetrachloride
Concen: 6.160 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

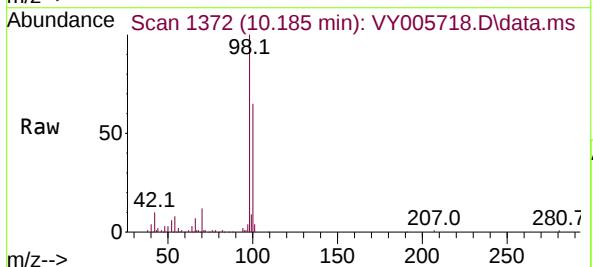
Instrument :
MSVOA_Y
ClientSampled :



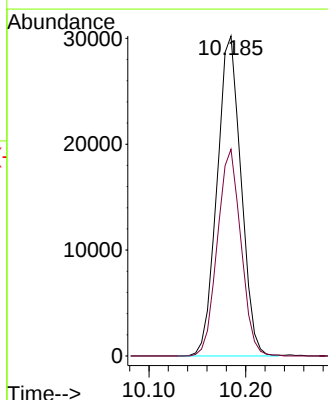
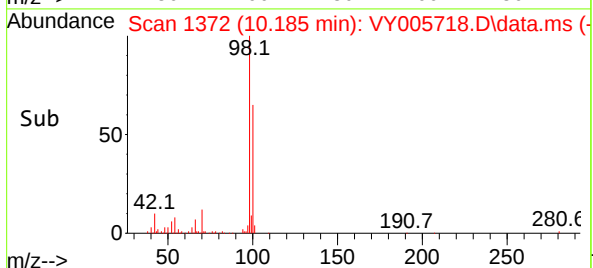
Tgt Ion:117 Resp: 2584
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.1 37.7#

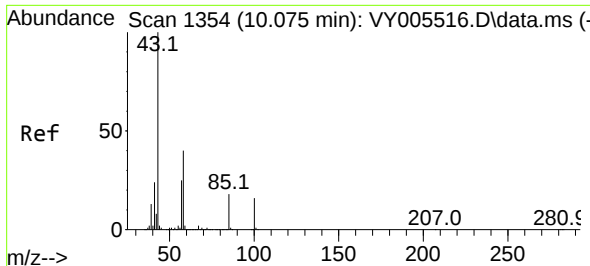


#50
Toluene-d8
Concen: 53.743 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16



Tgt Ion: 98 Resp: 51927
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9

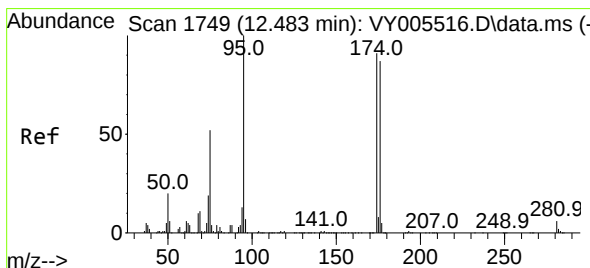
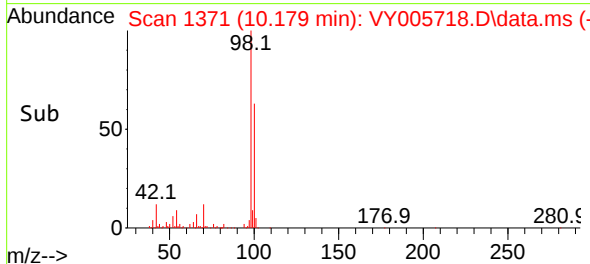
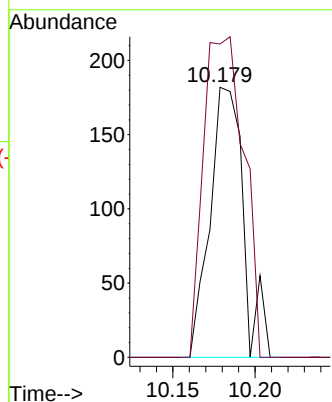
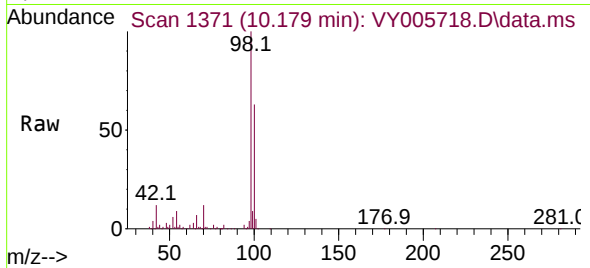




#51
4-Methyl-2-Pentanone
Concen: 1.102 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

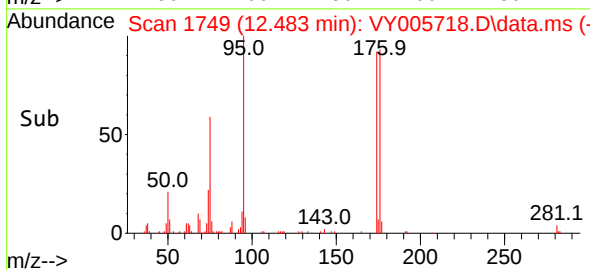
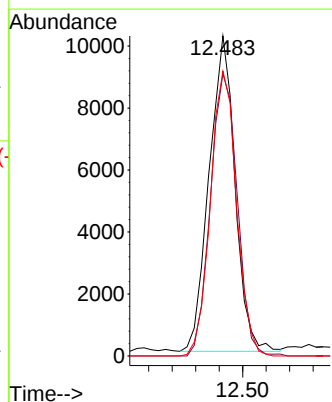
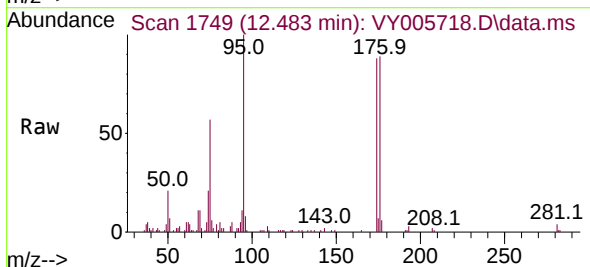
Instrument :
MSVOA_Y
ClientSampled :

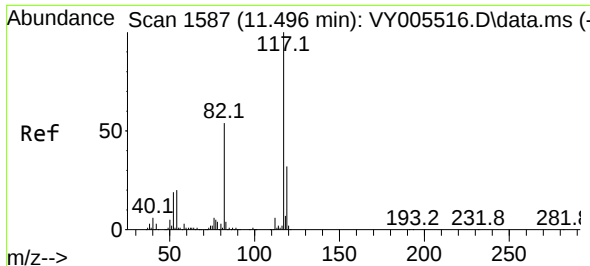
Tgt Ion: 43 Resp: 257
Ion Ratio Lower Upper
43 100
58 144.0 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 48.790 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

Tgt Ion: 95 Resp: 15611
Ion Ratio Lower Upper
95 100
174 92.2 0.0 191.4
176 90.5 0.0 183.6

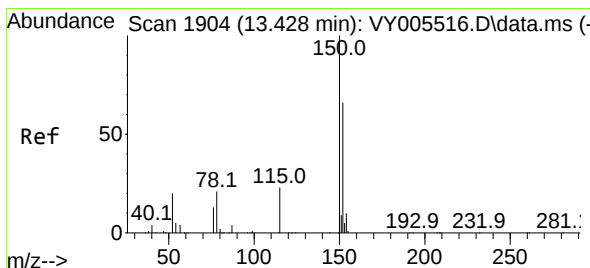
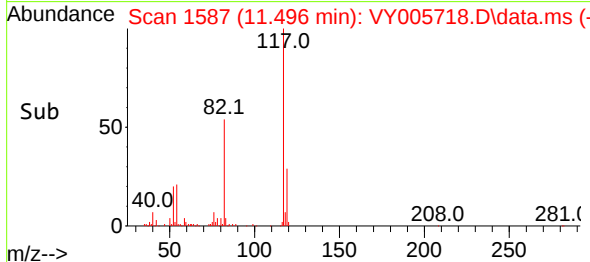
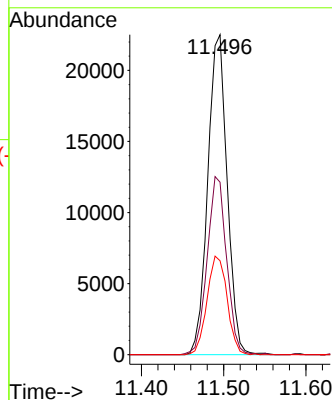
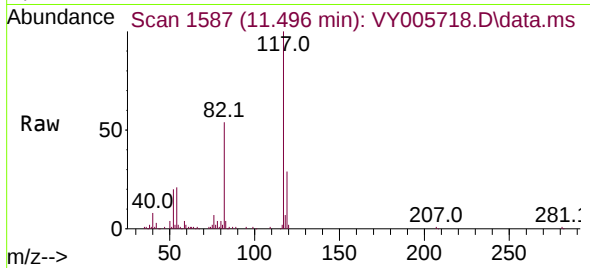




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

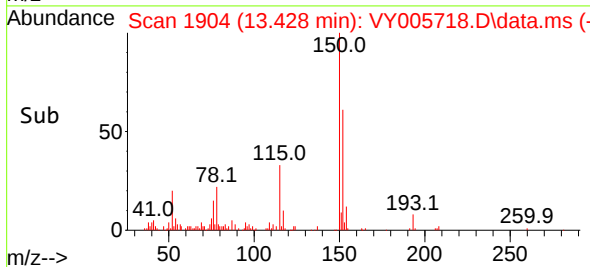
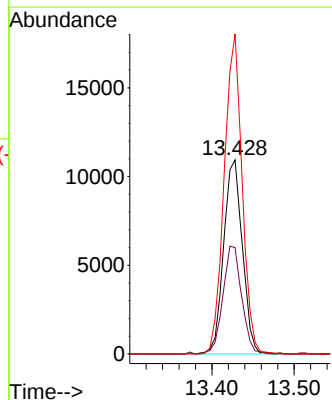
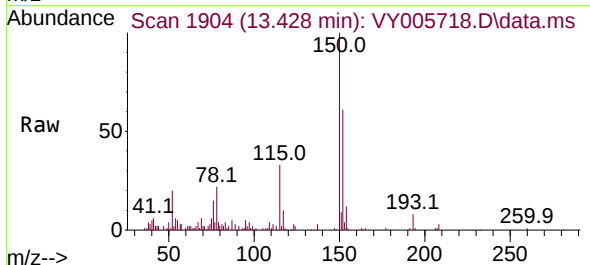
Instrument :
MSVOA_Y
ClientSampleId :

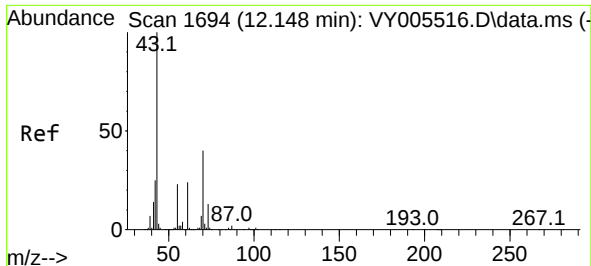
Tgt Ion:	117	Resp:	36869
Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.5	65.3
119	29.3	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

Tgt Ion:	152	Resp:	17304
Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.3	81.9
150	158.0	0.0	350.2

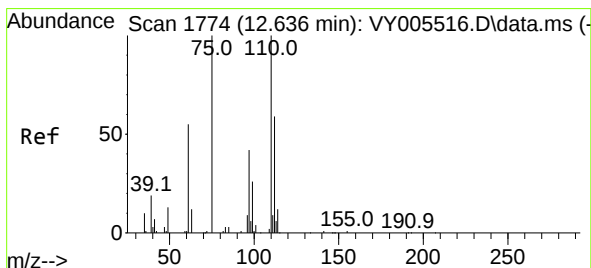
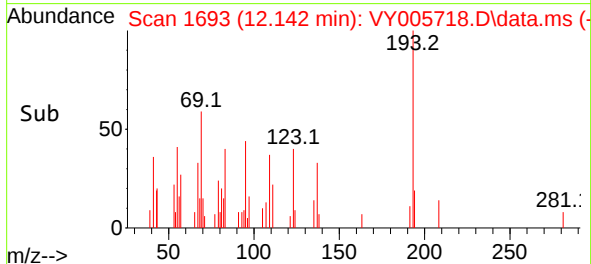
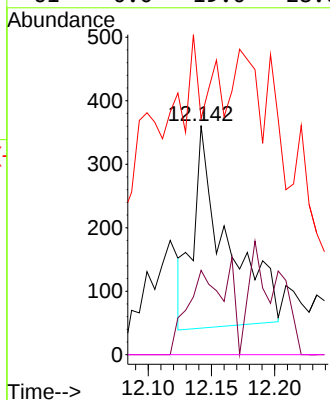
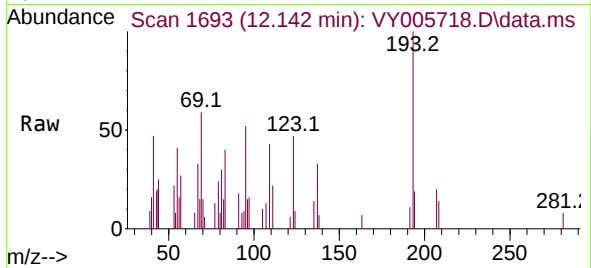




#74
N-amy1 acetate
Concen: 1.614 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

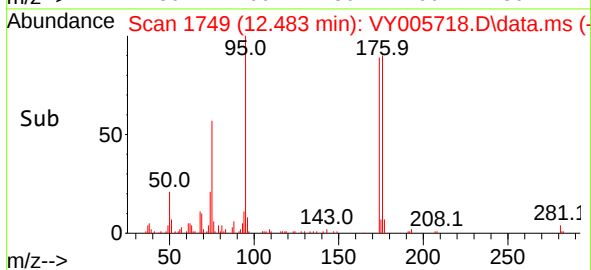
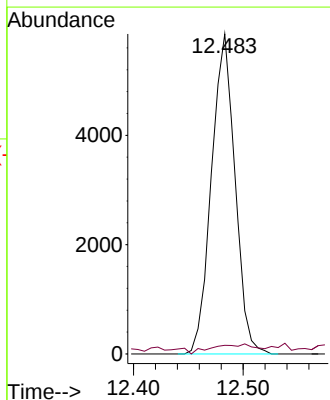
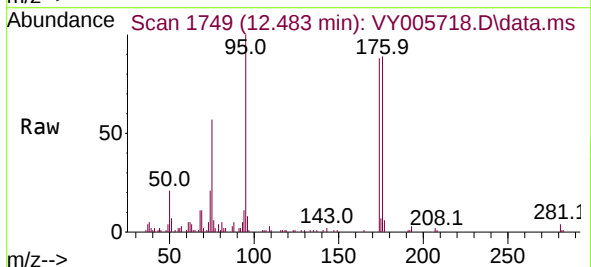
Instrument :
MSVOA_Y
ClientSampleId :

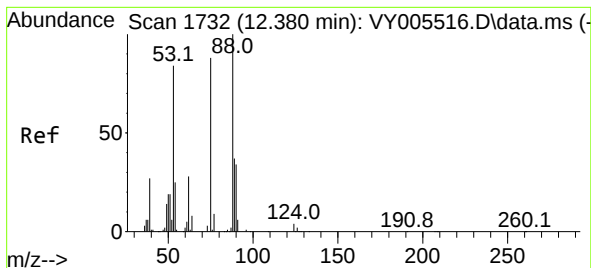
Tgt Ion: 43	Resp: 587
Ion Ratio	Lower Upper
43 100	
70 0.0	32.9 49.3#
55 0.0	18.9 28.3#
61 0.0	19.0 28.6#



#76
1,2,3-Trichloropropane
Concen: 48.751 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

Tgt Ion: 75	Resp: 8742
Ion Ratio	Lower Upper
75 100	
77 5.8	0.0 0.0#

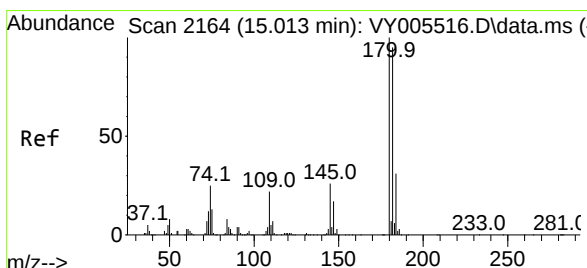
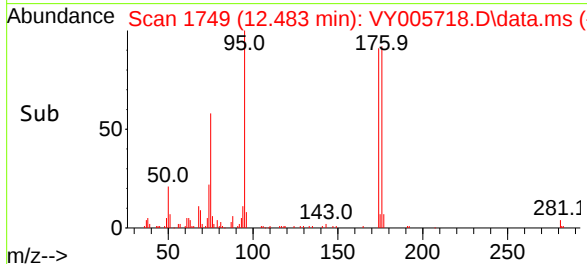
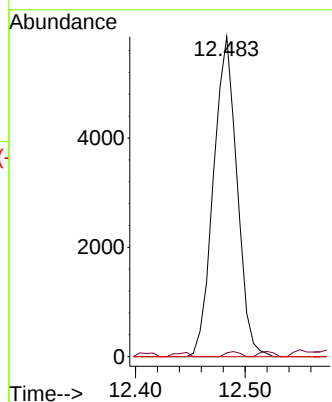
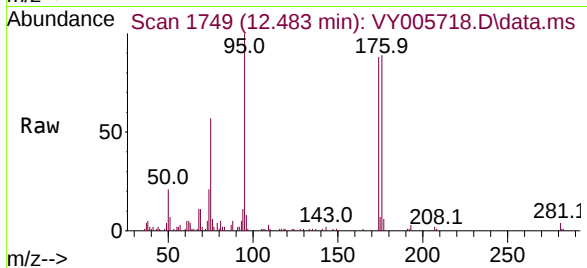




#81
trans-1,4-Dichloro-2-butene
Concen: 98.276 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

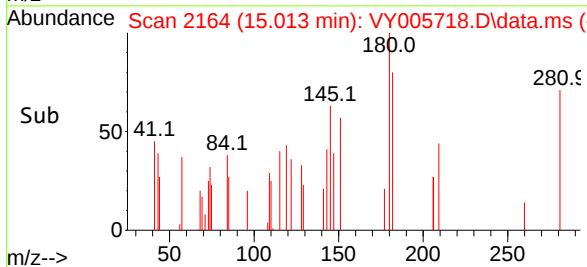
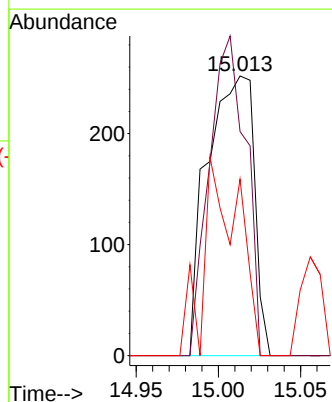
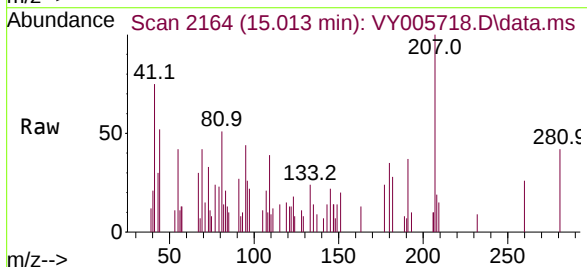
Instrument :
MSVOA_Y
ClientSampled :

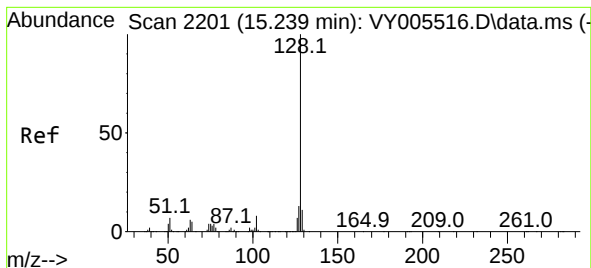
Tgt Ion: 75 Resp: 8742
Ion Ratio Lower Upper
75 100
53 0.9 76.7 115.1#
89 0.0 38.4 57.6#



#93
1,2,4-Trichlorobenzene
Concen: 1.417 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

Tgt Ion:180 Resp: 498
Ion Ratio Lower Upper
180 100
182 89.2 47.8 143.4
145 53.4 14.0 42.0#

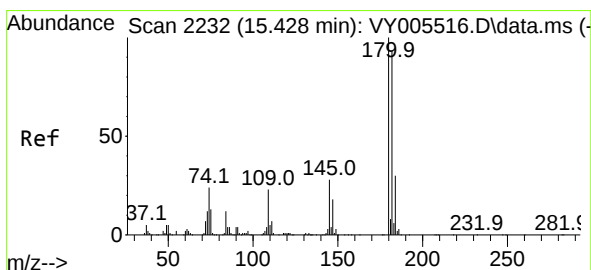
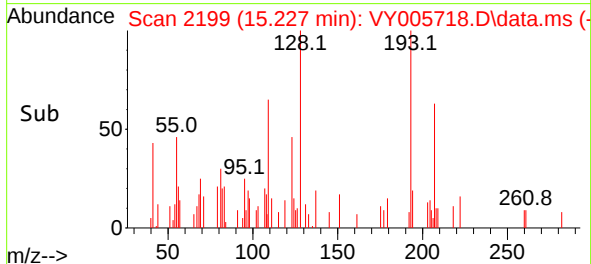
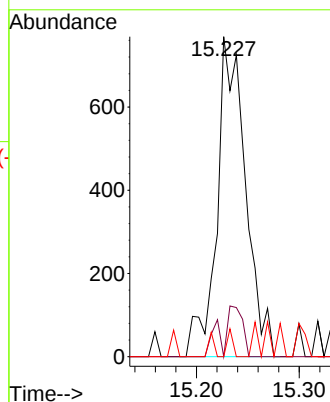
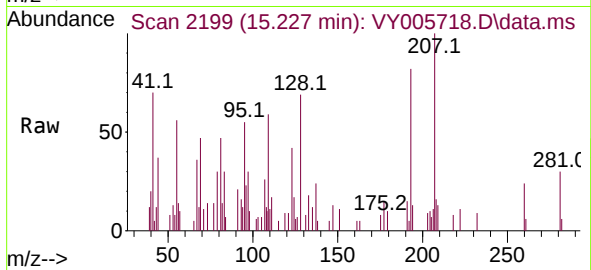




#95
Naphthalene
Concen: 2.147 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.012 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 1487
Ion Ratio Lower Upper
128 100
127 11.6 10.6 15.8
129 1.6 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 1.889 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY005718.D
Acq: 17 Aug 2021 18:16

Tgt Ion:180 Resp: 588
Ion Ratio Lower Upper
180 100
182 81.1 47.9 143.6
145 34.9 14.6 44.0

