

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
 Data File : VY006199.D
 Acq On : 28 Sep 2021 19:28
 Operator : SY/MD
 Sample : M3971-10
 Misc : 4.63G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 KEARNY-COMP

Quant Time: Sep 29 03:22:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

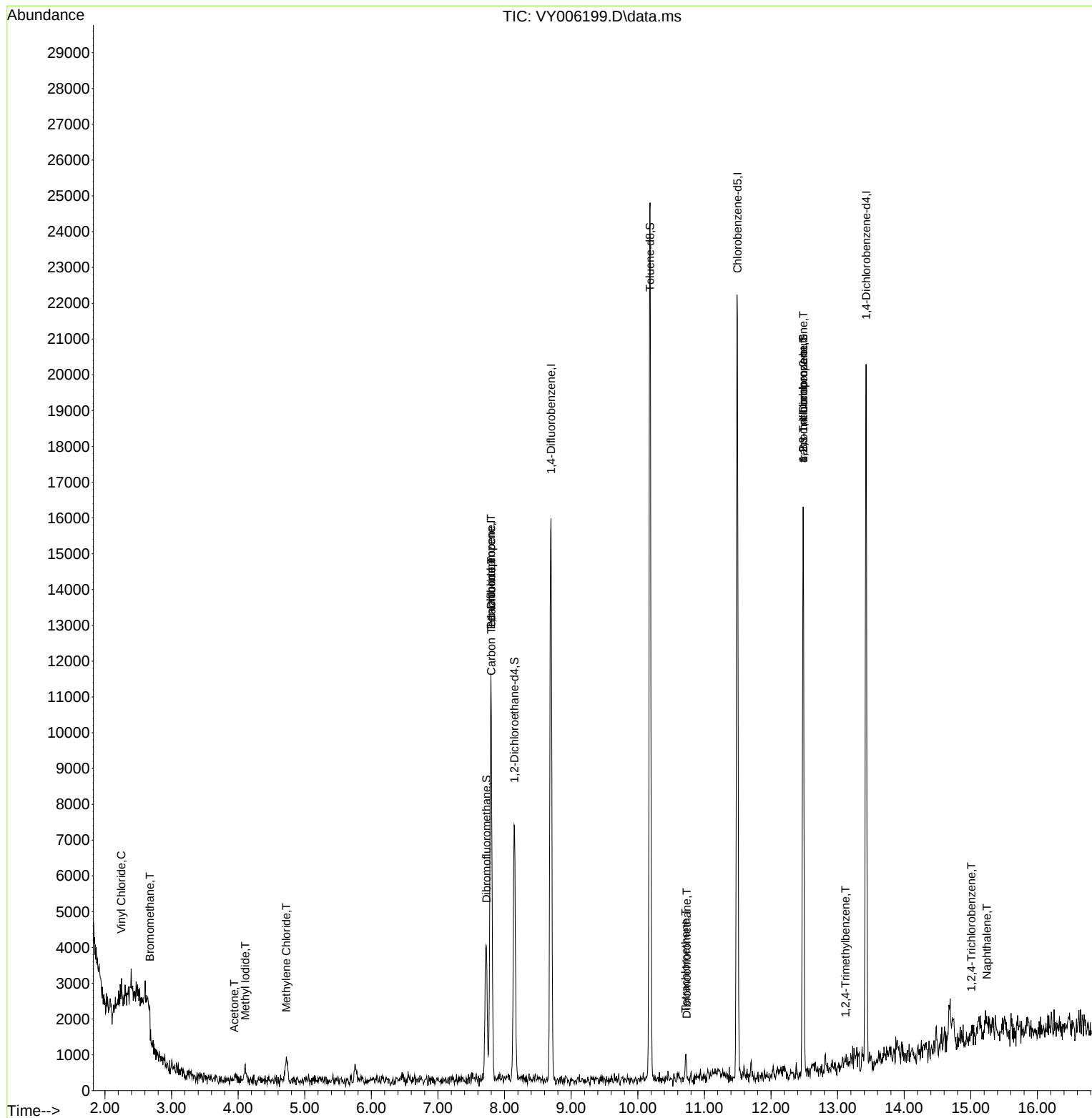
Internal Standards						
1) Pentafluorobenzene	7.795	168	8742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	13484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	11797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5808	62.075	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.140%			
35) Dibromofluoromethane	7.728	113	2827	39.242	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 78.480%			
50) Toluene-d8	10.185	98	16402	54.401	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.800%			
62) 4-Bromofluorobenzene	12.483	95	4655	45.449	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.900%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.247	62	271	2.368	ug/l #	43
5) Bromomethane	2.674	94	148	1.989	ug/l #	71
10) Methyl Iodide	4.107	142	594	6.772	ug/l #	71
16) Acetone	3.942	43	241	9.222	ug/l #	47
20) Methylene Chloride	4.723	84	466	1.545	ug/l #	61
36) 1,1-Dichloropropene	7.795	75	642	4.785	ug/l #	42
38) Carbon Tetrachloride	7.801	117	891	6.290	ug/l #	11
60) Dibromochloromethane	10.734	129	152	1.782	ug/l #	11
64) Tetrachloroethene	10.715	164	223	2.347	ug/l #	52
76) 1,2,3-Trichloropropane	12.483	75	2642	58.269	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2642	114.507	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.117	105	341	1.236	ug/l #	56
93) 1,2,4-Trichlorobenzene	15.007	180	104	1.159	ug/l #	13
95) Naphthalene	15.239	128	434	2.435	ug/l #	69

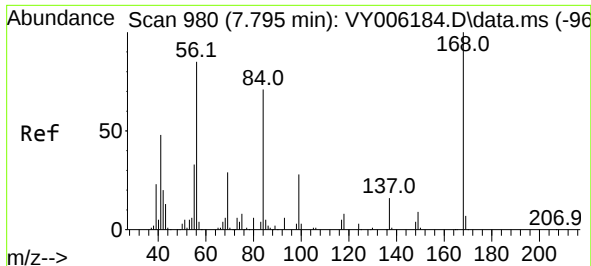
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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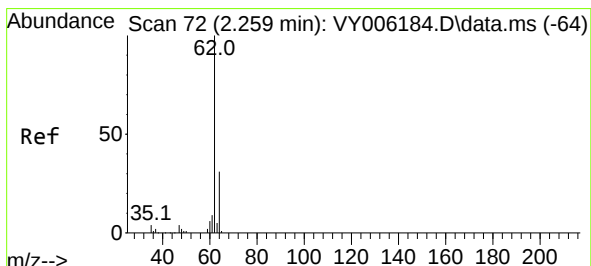
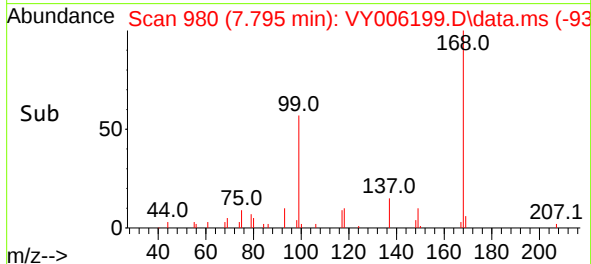
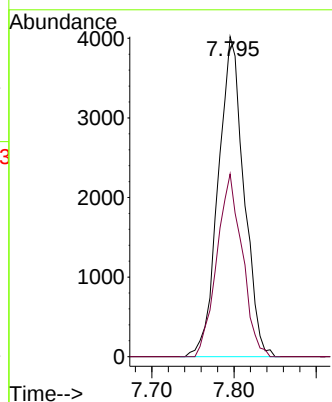
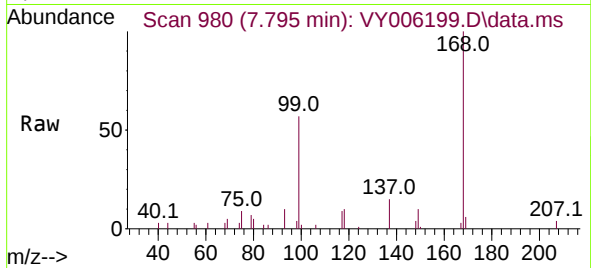




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006199.D
Acq: 28 Sep 2021 19:28

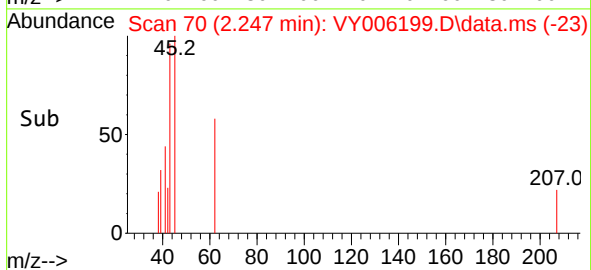
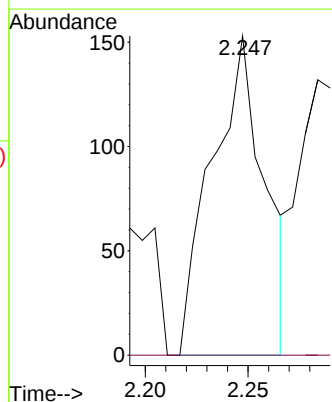
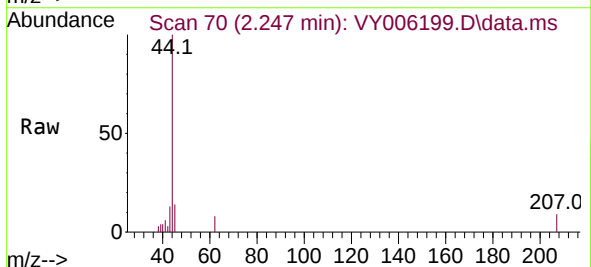
Instrument :
MSVOA_Y
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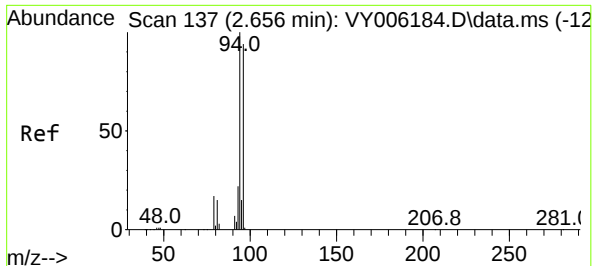
Tgt Ion:168 Resp: 8742
Ion Ratio Lower Upper
168 100
99 57.1 46.9 70.3



#4
Vinyl Chloride
Concen: 2.368 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.012 min
Lab File: VY006199.D
Acq: 28 Sep 2021 19:28

Tgt Ion: 62 Resp: 271
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

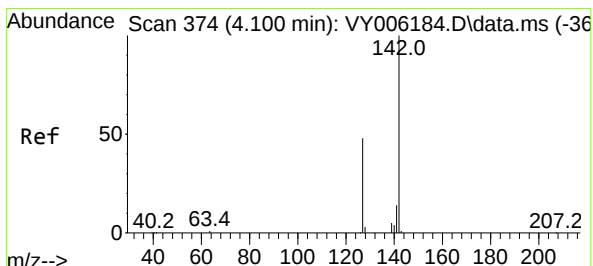
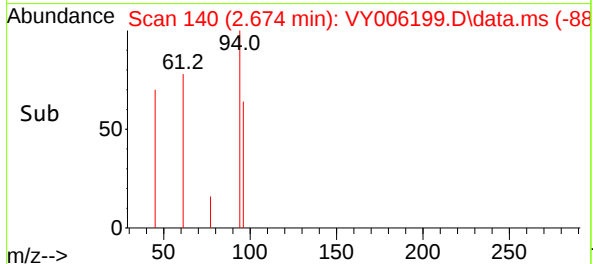
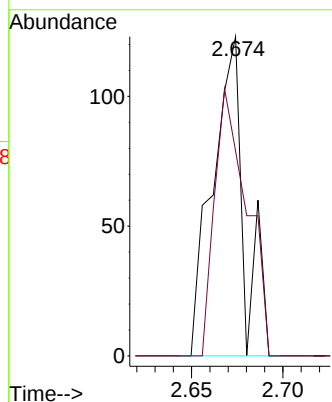
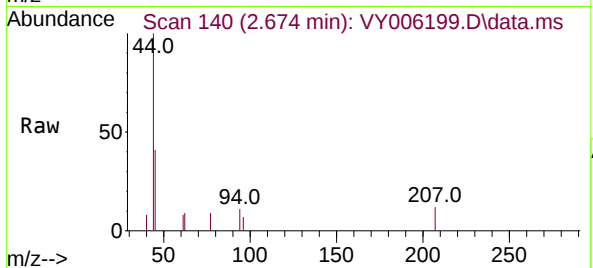




#5
Bromomethane
Concen: 1.989 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.018 min
Lab File: VY006199.D
Acq: 28 Sep 2021 19:28

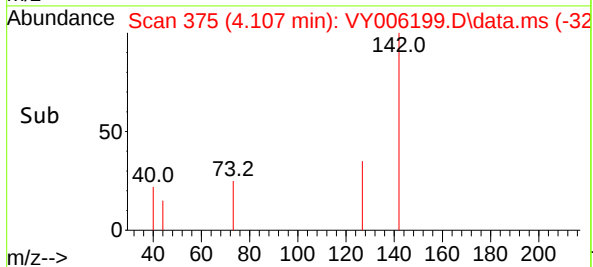
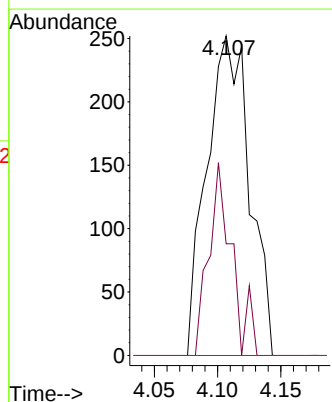
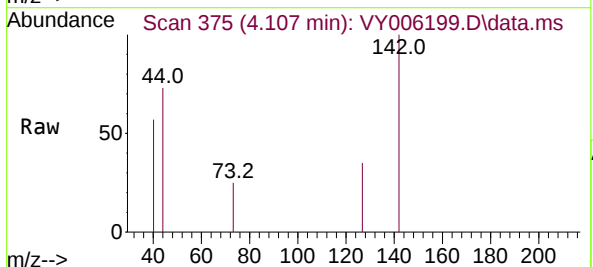
Instrument :
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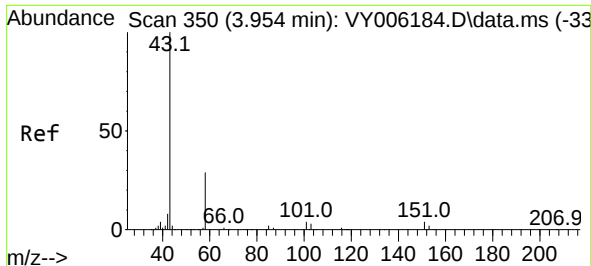
Tgt Ion: 94 Resp: 148
Ion Ratio Lower Upper
94 100
96 64.2 73.5 110.3#



#10
Methyl Iodide
Concen: 6.772 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.007 min
Lab File: VY006199.D
Acq: 28 Sep 2021 19:28

Tgt Ion:142 Resp: 594
Ion Ratio Lower Upper
142 100
127 32.7 41.5 62.3#
141 0.0 11.9 17.9#

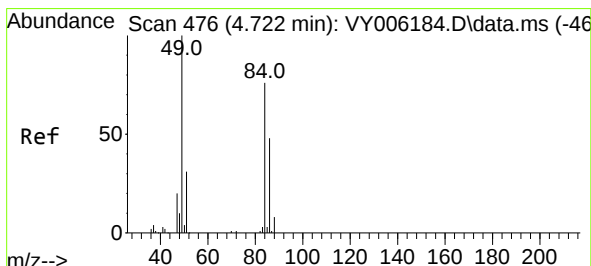
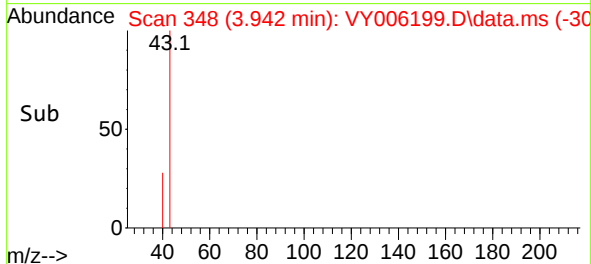
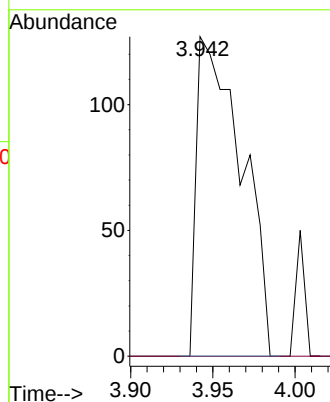
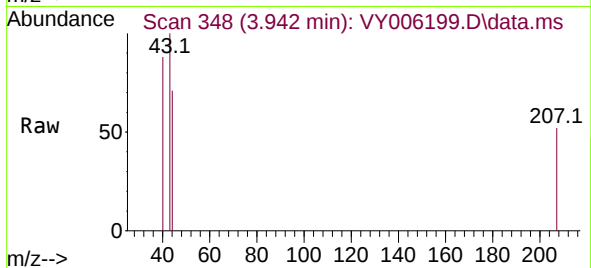




#16
Acetone
Concen: 9.222 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY006199.D
Acq: 28 Sep 2021 19:28

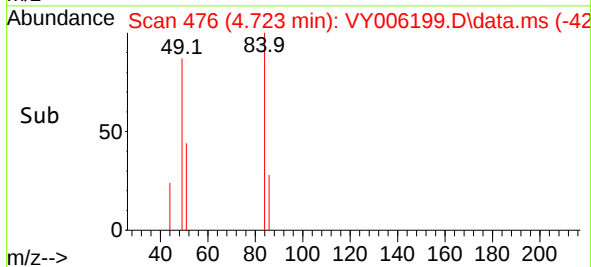
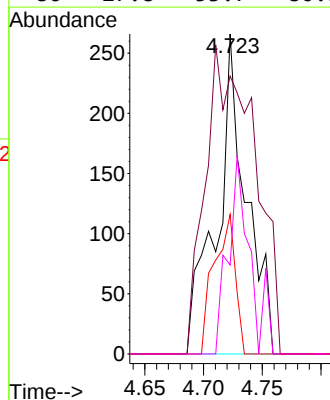
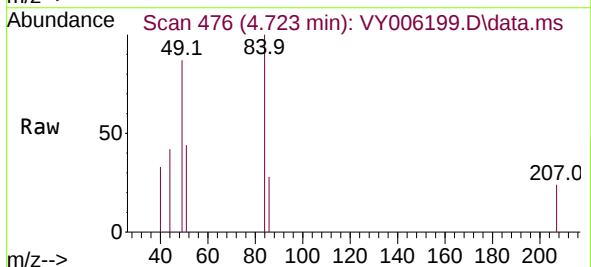
Instrument :
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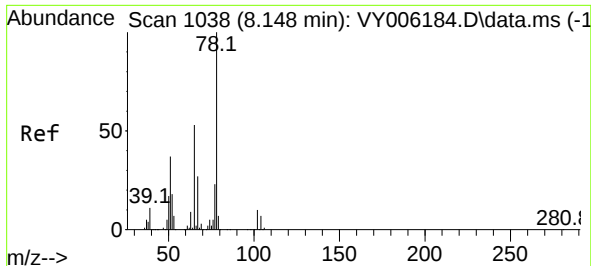
Tgt Ion: 43 Resp: 241
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 1.545 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006199.D
Acq: 28 Sep 2021 19:28

Tgt Ion: 84 Resp: 466
Ion Ratio Lower Upper
84 100
49 86.8 114.4 171.6#
51 43.6 35.3 52.9
86 27.8 53.7 80.5#

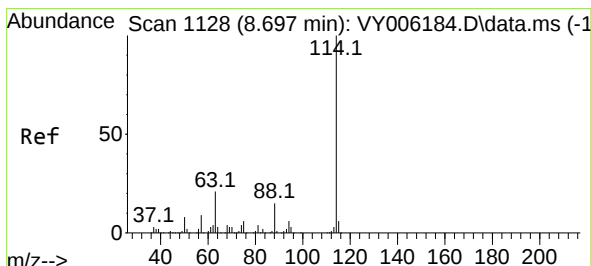
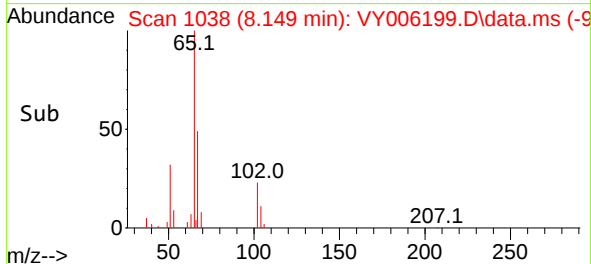
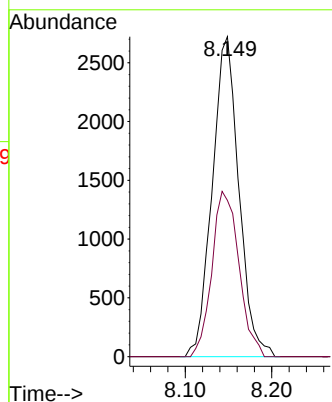
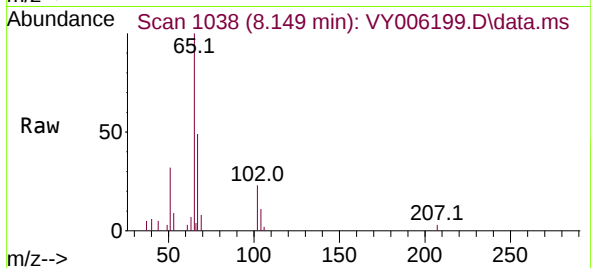




#33
1,2-Dichloroethane-d4
Concen: 62.075 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006199.D
Acq: 28 Sep 2021 19:28

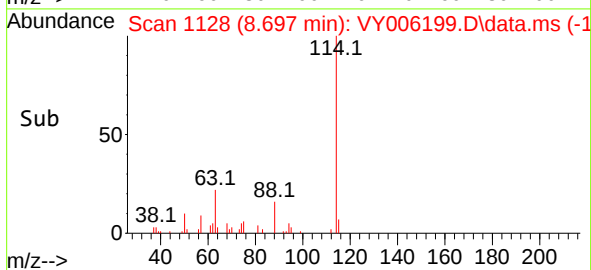
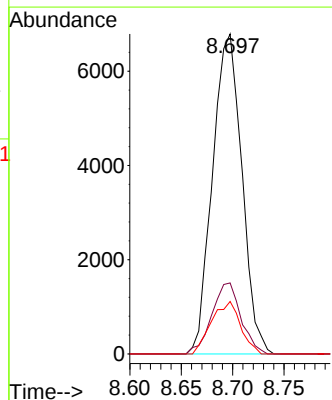
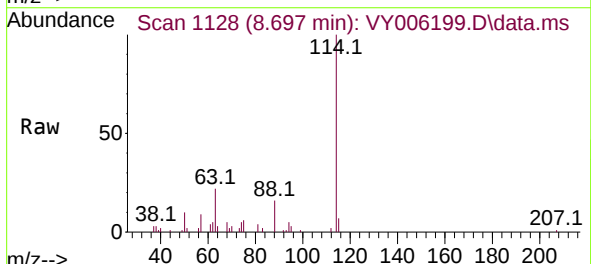
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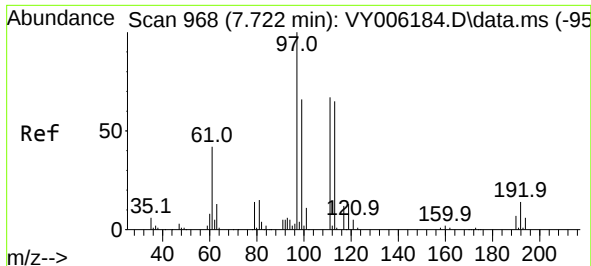
Tgt Ion: 65 Resp: 5808
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006199.D
Acq: 28 Sep 2021 19:28

Tgt Ion: 114 Resp: 13484
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.2
88 16.4 0.0 31.8

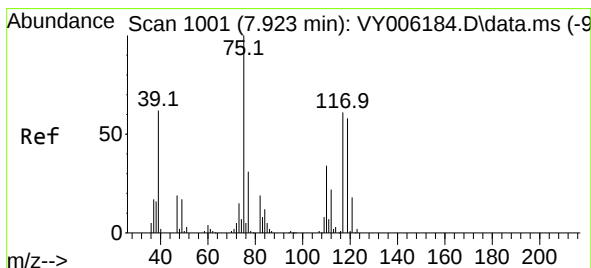
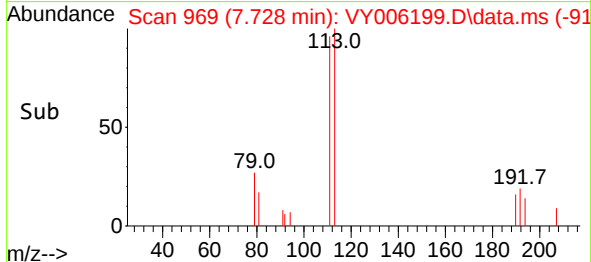
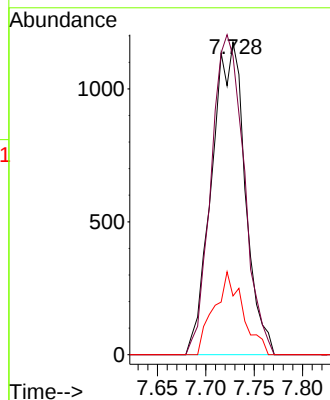
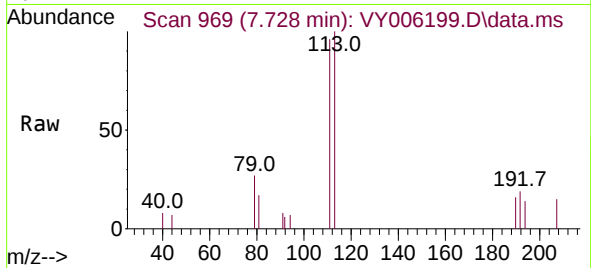




#35
Dibromofluoromethane
Concen: 39.242 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006199.D
Acq: 28 Sep 2021 19:28

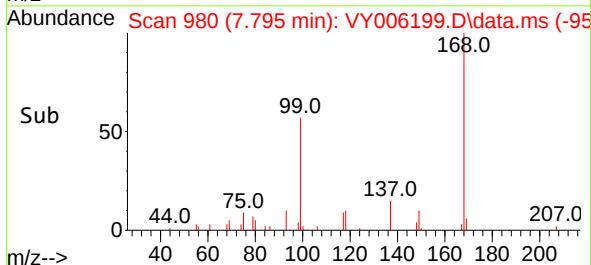
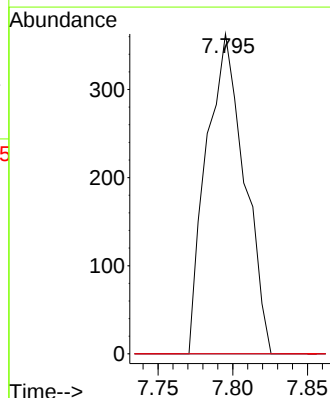
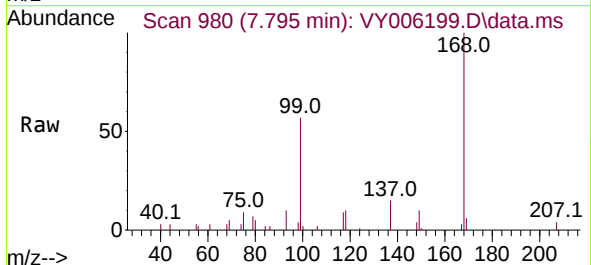
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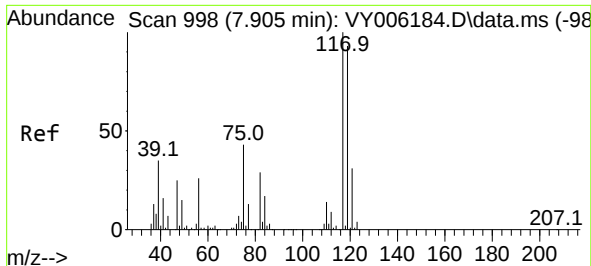
Tgt Ion:113 Resp: 2827
Ion Ratio Lower Upper
113 100
111 100.4 82.6 124.0
192 22.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.785 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006199.D
Acq: 28 Sep 2021 19:28

Tgt Ion: 75 Resp: 642
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#

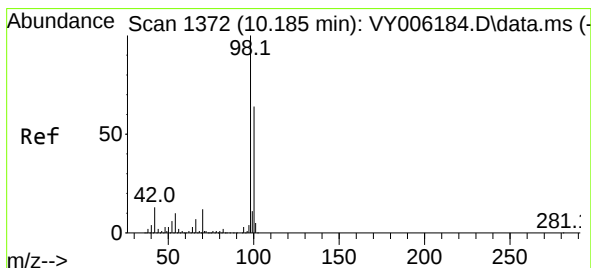
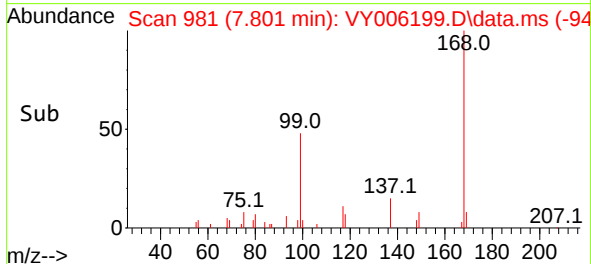
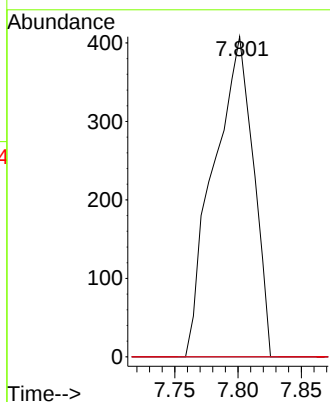
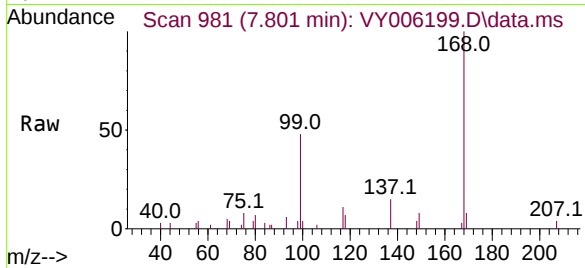




#38
Carbon Tetrachloride
Concen: 6.290 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.103 min
Lab File: VY006199.D
Acq: 28 Sep 2021 19:28

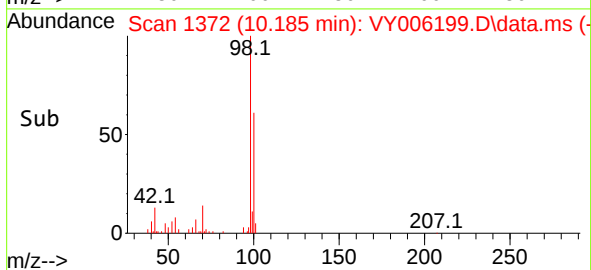
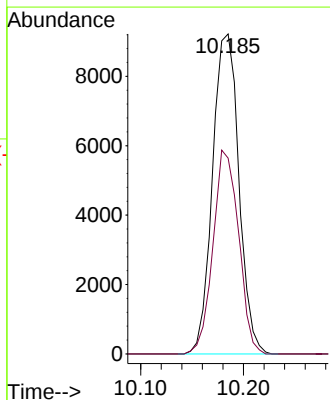
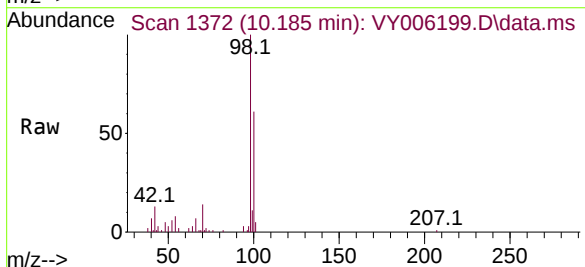
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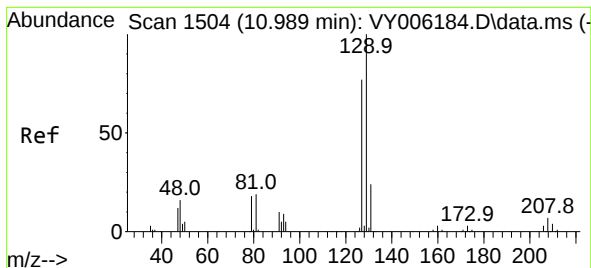
Tgt Ion:117 Resp: 891
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.401 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006199.D
Acq: 28 Sep 2021 19:28

Tgt Ion: 98 Resp: 16402
Ion Ratio Lower Upper
98 100
100 61.8 50.2 75.2

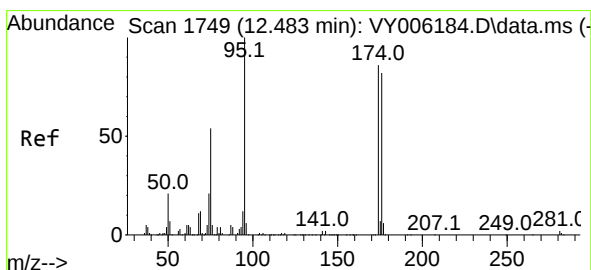
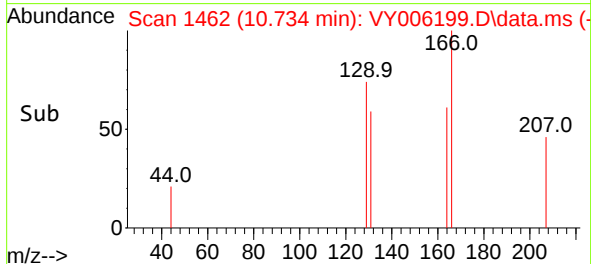
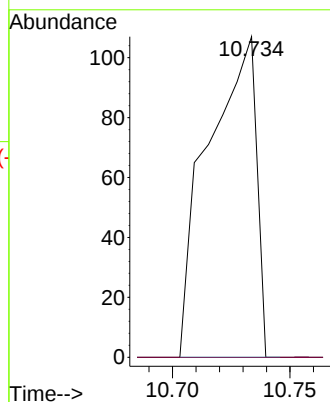
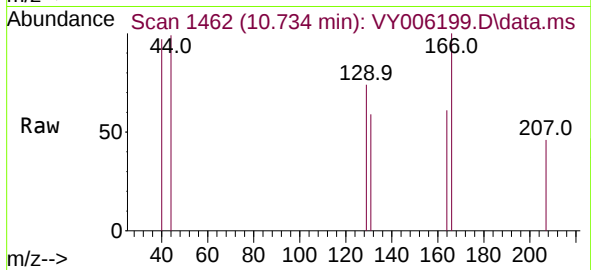




#60
Dibromochloromethane
Concen: 1.782 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. -0.256 min
Lab File: VY006199.D
Acq: 28 Sep 2021 19:28

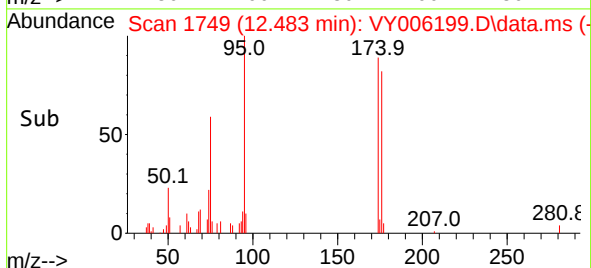
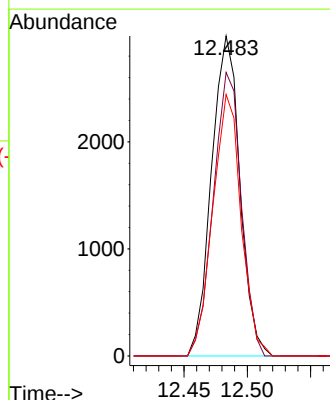
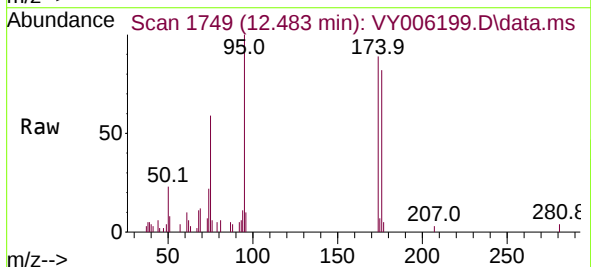
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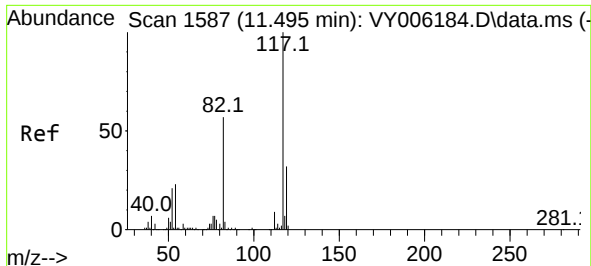
Tgt Ion:129 Resp: 152
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



#62
4-Bromofluorobenzene
Concen: 45.449 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006199.D
Acq: 28 Sep 2021 19:28

Tgt Ion: 95 Resp: 4655
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.0
176 81.5 0.0 175.8

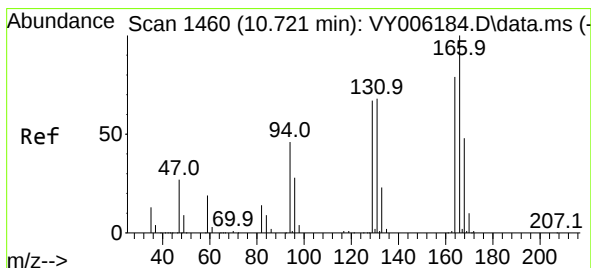
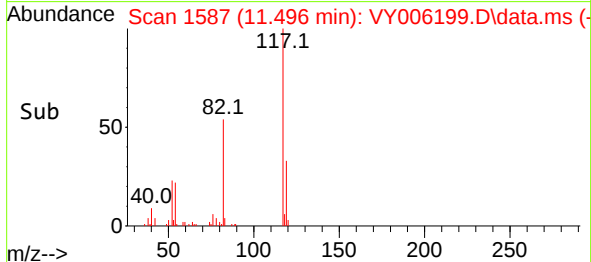
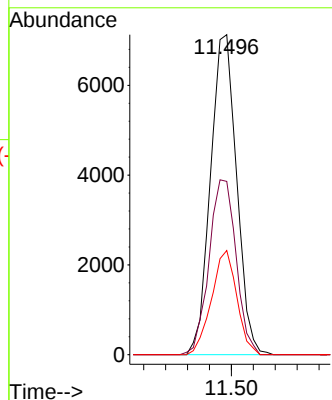
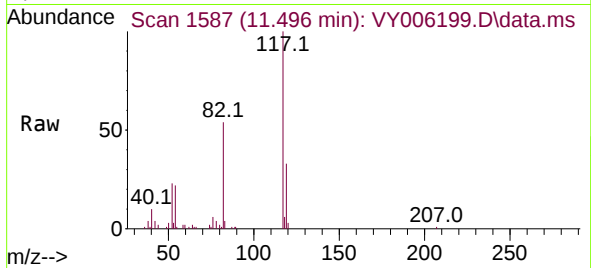




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006199.D
Acq: 28 Sep 2021 19:28

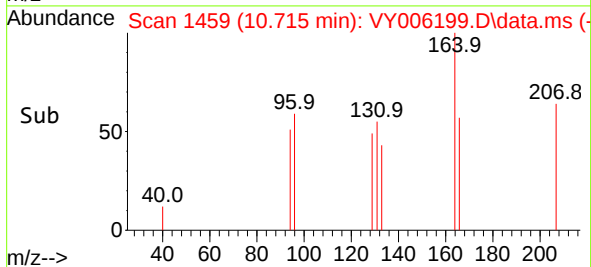
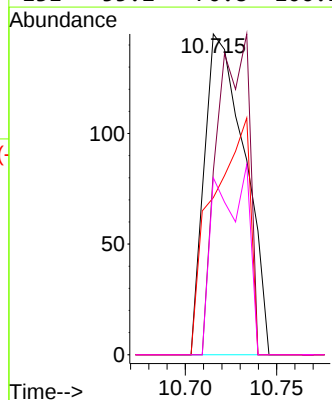
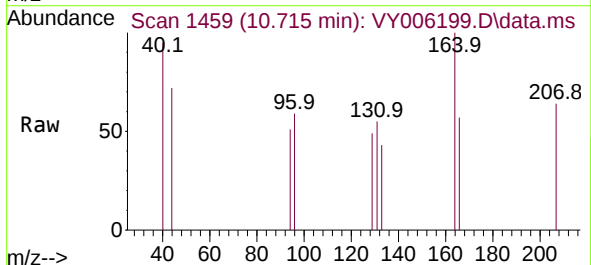
Instrument :
MSVOA_Y
ClientSampleId :
KEARNY-COMP

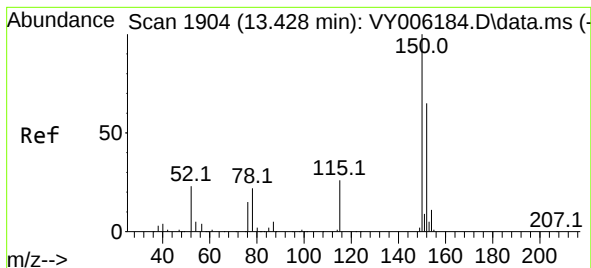
Tgt Ion:117	Resp:	11797
Ion Ratio	Lower	Upper
117	100	
82	54.1	43.0 64.4
119	32.5	25.4 38.0



#64
Tetrachloroethene
Concen: 2.347 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY006199.D
Acq: 28 Sep 2021 19:28

Tgt Ion:164	Resp:	223
Ion Ratio	Lower	Upper
164	100	
166	57.2	100.4 150.6#
129	49.0	71.4 107.0#
131	55.2	70.8 106.2#

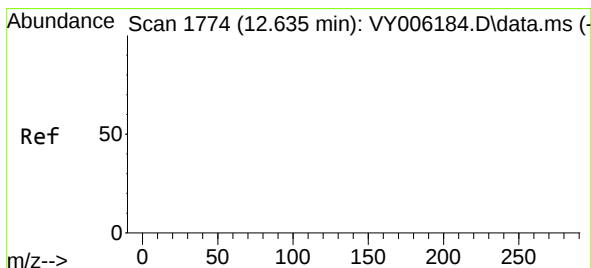
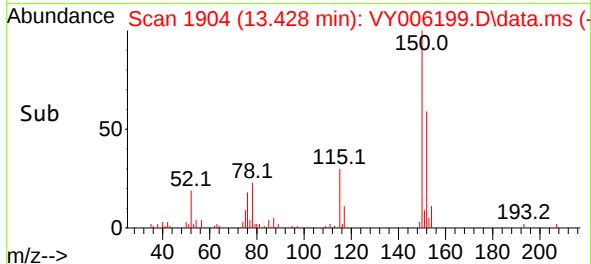
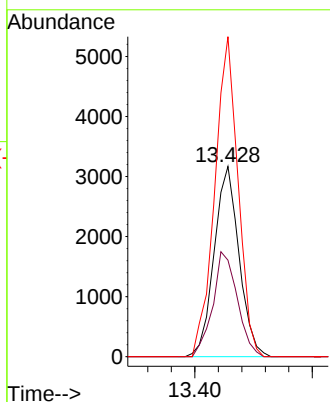
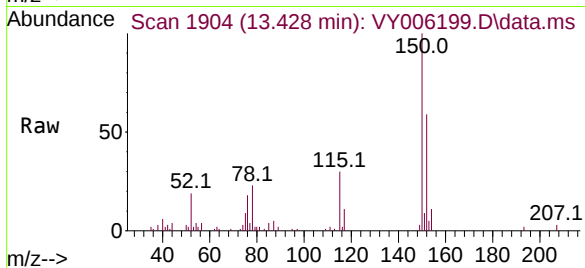




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006199.D
 Acq: 28 Sep 2021 19:28

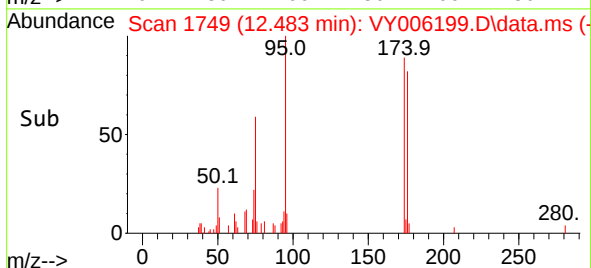
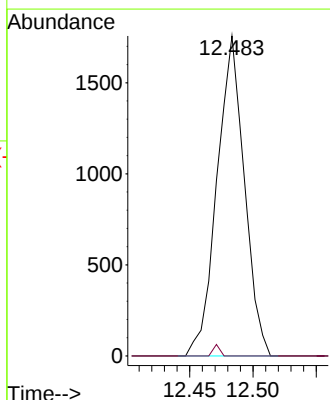
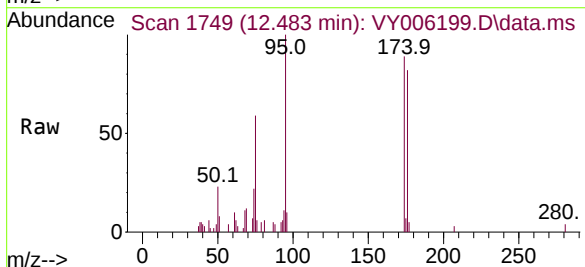
Instrument :
 MSVOA_Y
 ClientSampleId :
 KEARNY-COMP

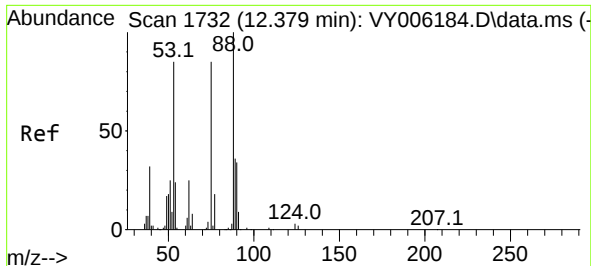
Tgt Ion:152 Resp: 4665
 Ion Ratio Lower Upper
 152 100
 115 54.3 28.2 84.7
 150 157.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 58.269 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006199.D
 Acq: 28 Sep 2021 19:28

Tgt Ion: 75 Resp: 2642
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#

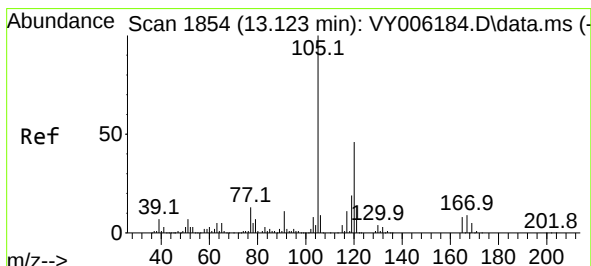
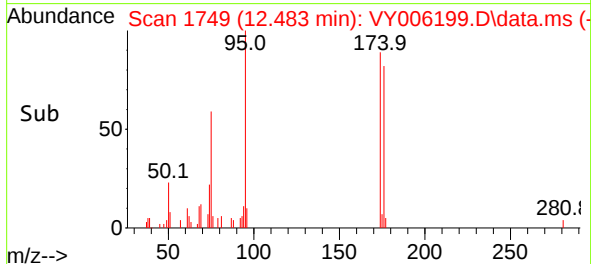
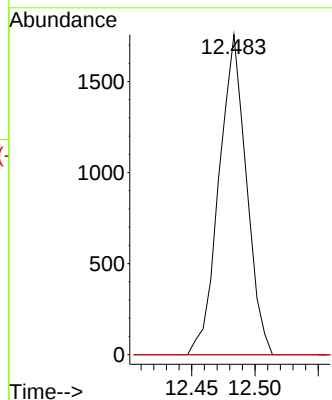
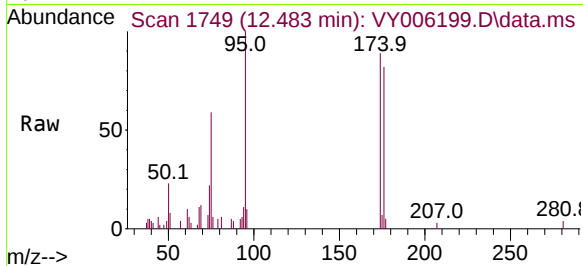




#81
trans-1,4-Dichloro-2-butene
Concen: 114.507 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006199.D
Acq: 28 Sep 2021 19:28

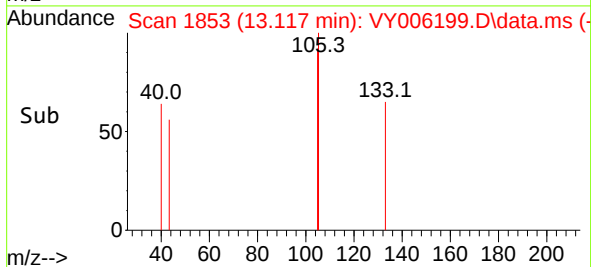
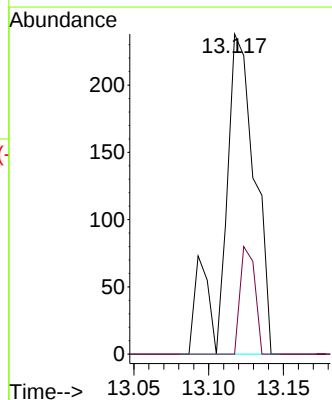
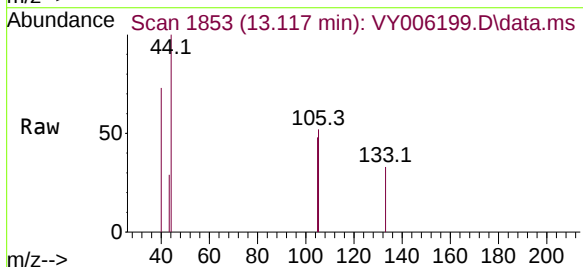
Instrument :
MSVOA_Y
ClientSampleId :
KEARNY-COMP

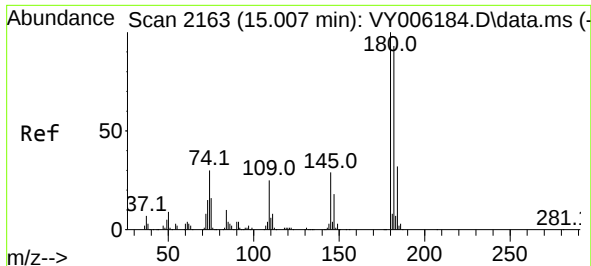
Tgt Ion: 75 Resp: 2642
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.236 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY006199.D
Acq: 28 Sep 2021 19:28

Tgt Ion: 105 Resp: 341
Ion Ratio Lower Upper
105 100
120 16.1 22.3 66.9#

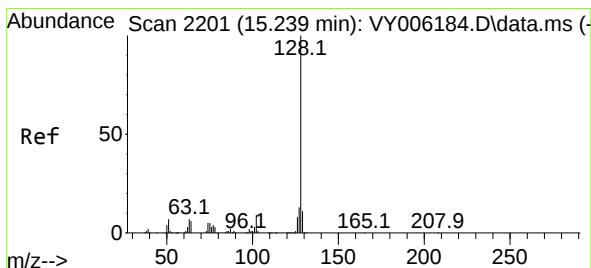
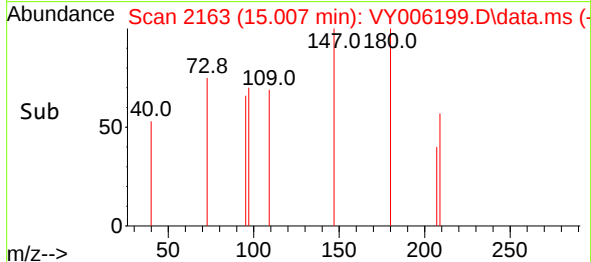
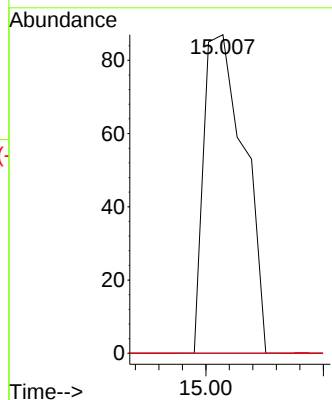
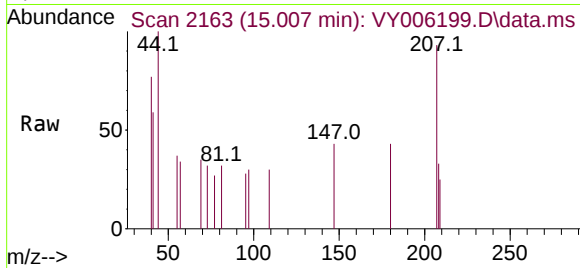




#93
1,2,4-Trichlorobenzene
Concen: 1.159 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY006199.D
Acq: 28 Sep 2021 19:28

Instrument :
MSVOA_Y
ClientSampleId :
KEARNY-COMP

Tgt Ion:180 Resp: 104
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.9#
145 0.0 14.6 43.8#



#95
Naphthalene
Concen: 2.435 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY006199.D
Acq: 28 Sep 2021 19:28

Tgt Ion:128 Resp: 434
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

