

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082521\
 Data File : VY005835.D
 Acq On : 25 Aug 2021 13:20
 Operator : SY/MD
 Sample : M3521-05
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124035

Quant Time: Aug 26 03:37:18 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)

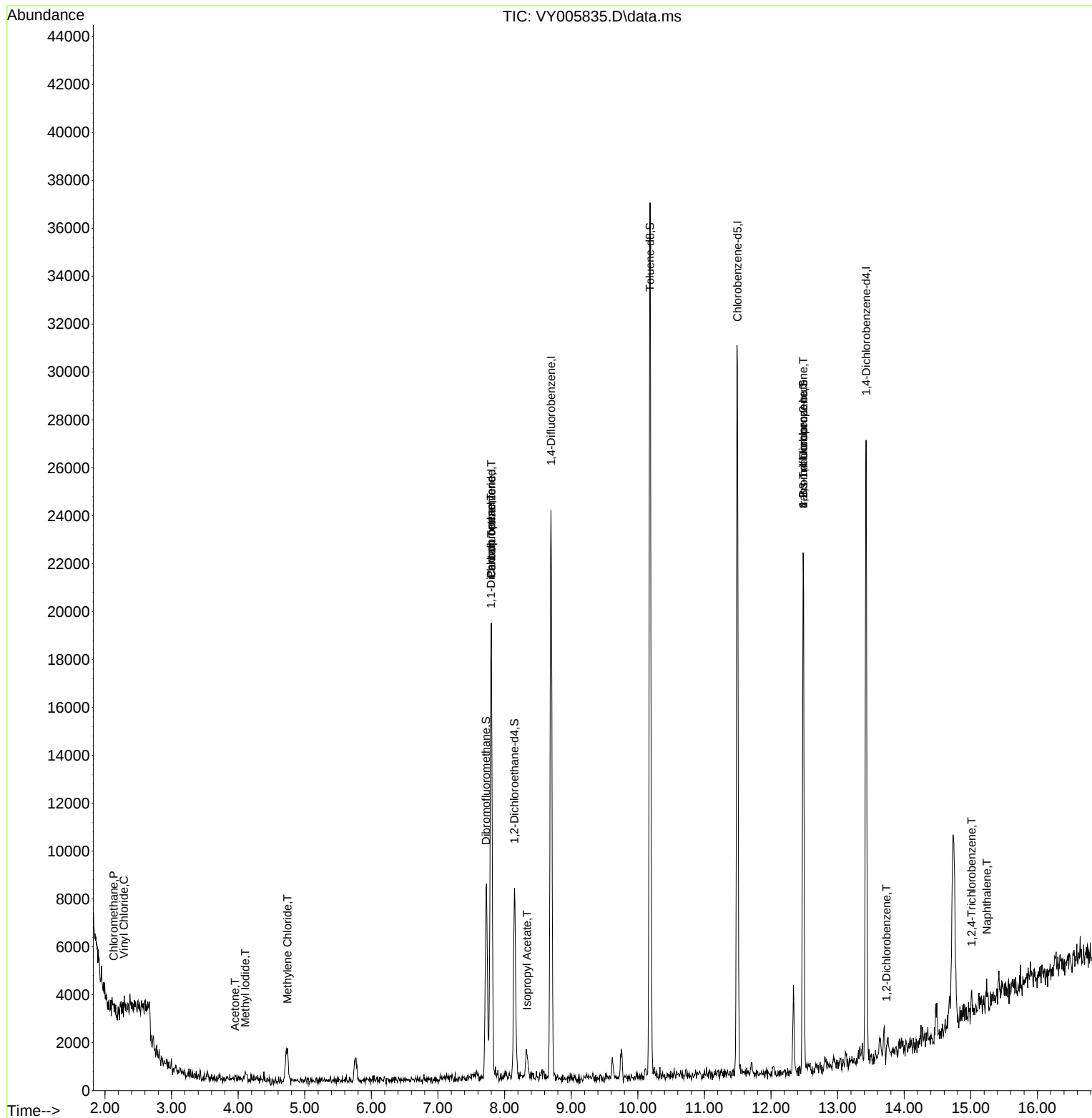
Internal Standards						
1) Pentafluorobenzene	7.801	168	15218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	20556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	17085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	6777	43.994	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.980%
35) Dibromofluoromethane	7.722	113	5258	45.687	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.380%
50) Toluene-d8	10.185	98	24448	50.651	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.300%
62) 4-Bromofluorobenzene	12.483	95	6385	39.947	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.900%
Target Compounds						
					Qvalue	
3) Chloromethane	2.131	50	174	1.165	ug/l #	42
4) Vinyl Chloride	2.284	62	386	2.158	ug/l #	42
10) Methyl Iodide	4.107	142	590	3.646	ug/l #	64
16) Acetone	3.954	43	170	4.377	ug/l #	45
20) Methylene Chloride	4.741	84	1209	2.036	ug/l #	76
36) 1,1-Dichloropropene	7.795	75	1113	5.773	ug/l #	46
38) Carbon Tetrachloride	7.801	117	1406	6.710	ug/l #	13
43) Isopropyl Acetate	8.338	43	276	1.248	ug/l #	52
76) 1,2,3-Trichloropropane	12.483	75	3449	50.109	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3449	101.013	ug/l #	11
91) 1,2-Dichlorobenzene	13.733	146	199	1.014	ug/l #	45
93) 1,2,4-Trichlorobenzene	15.013	180	225	1.668	ug/l	82
95) Naphthalene	15.239	128	602	2.264	ug/l #	69

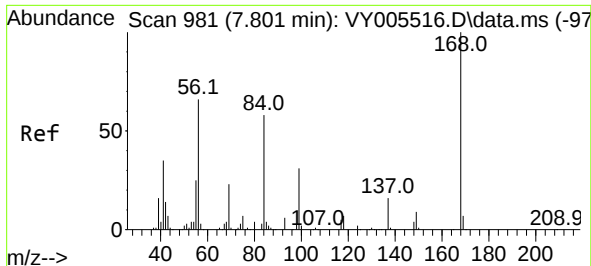
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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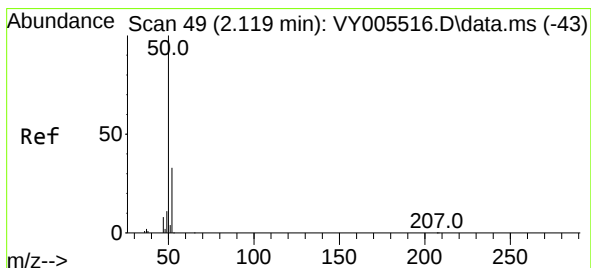
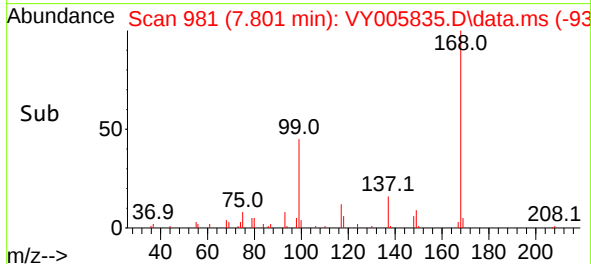
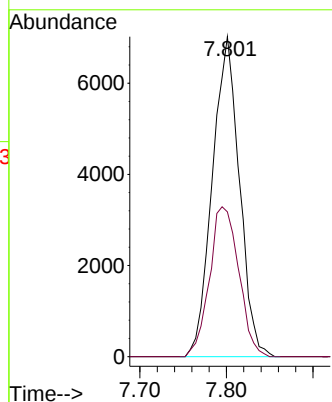
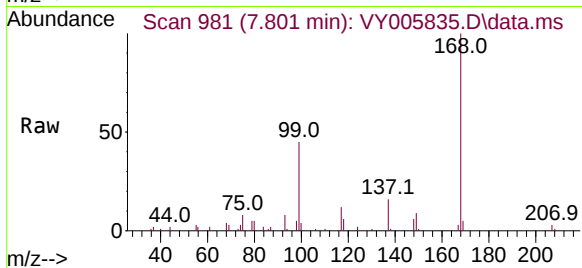




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

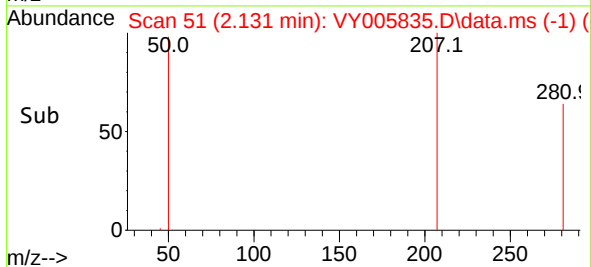
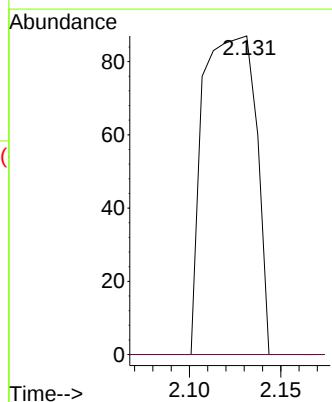
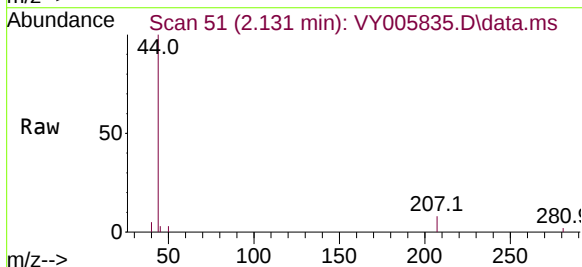
Instrument :
MSVOA_Y
ClientSampleId :
124035

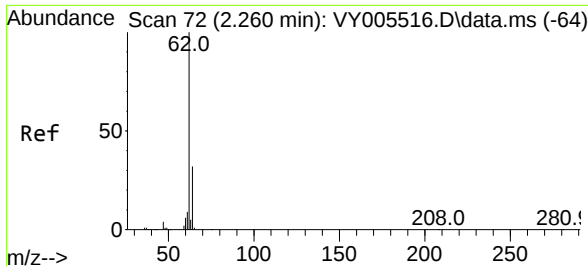
Tgt Ion:168 Resp: 15218
Ion Ratio Lower Upper
168 100
99 45.2 38.9 58.3



#3
Chloromethane
Concen: 1.165 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

Tgt Ion: 50 Resp: 174
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

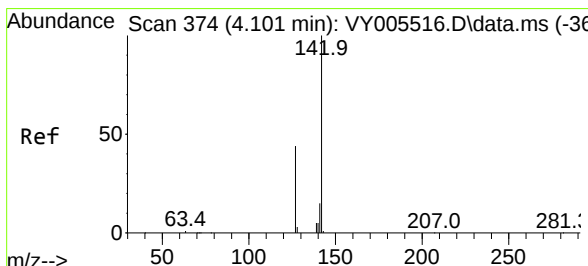
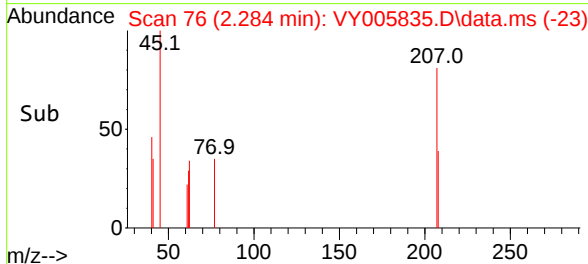
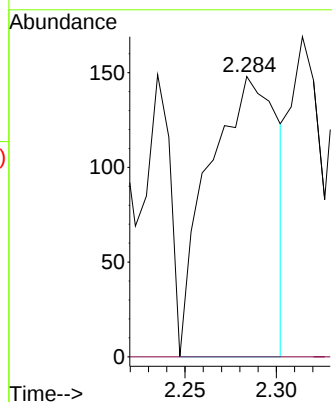
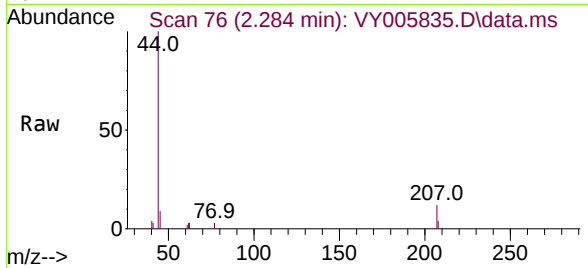




#4
 Vinyl Chloride
 Concen: 2.158 ug/l
 RT: 2.284 min Scan# 76
 Delta R.T. 0.024 min
 Lab File: VY005835.D
 Acq: 25 Aug 2021 13:20

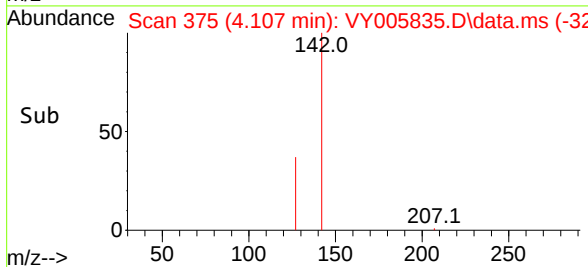
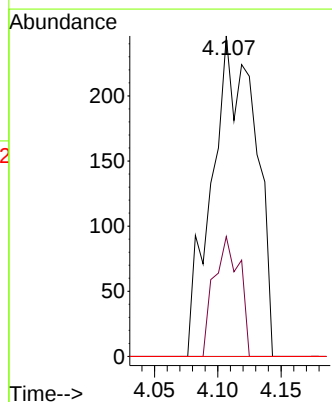
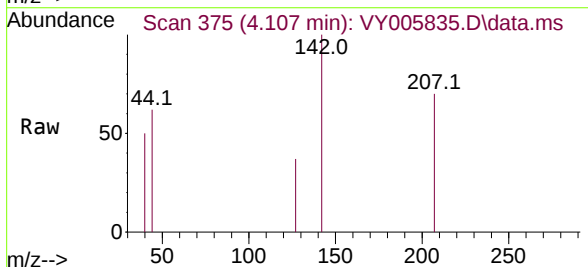
Instrument :
 MSVOA_Y
 ClientSampleId :
 124035

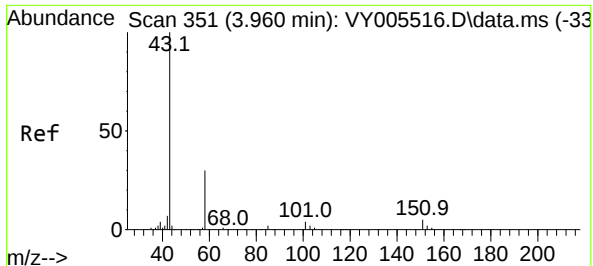
Tgt Ion: 62 Resp: 386
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.9 38.9#



#10
 Methyl Iodide
 Concen: 3.646 ug/l
 RT: 4.107 min Scan# 375
 Delta R.T. 0.006 min
 Lab File: VY005835.D
 Acq: 25 Aug 2021 13:20

Tgt Ion: 142 Resp: 590
 Ion Ratio Lower Upper
 142 100
 127 21.9 36.6 54.8#
 141 0.0 12.2 18.4#

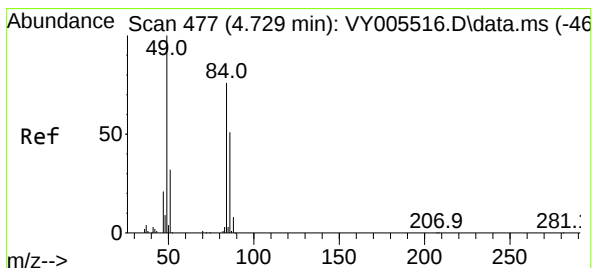
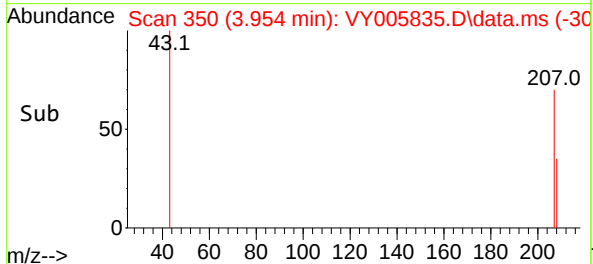
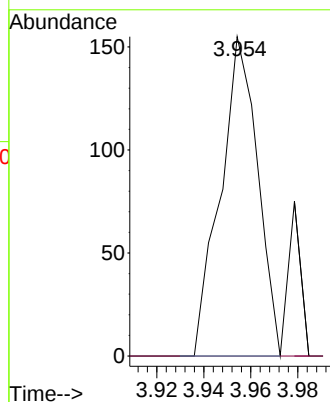
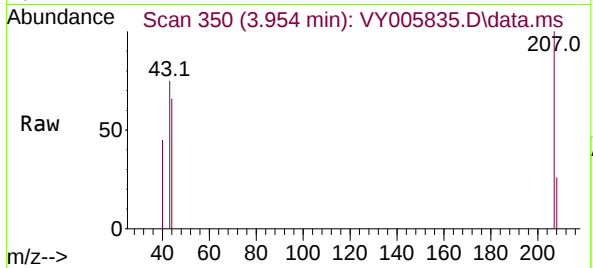




#16
Acetone
Concen: 4.377 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

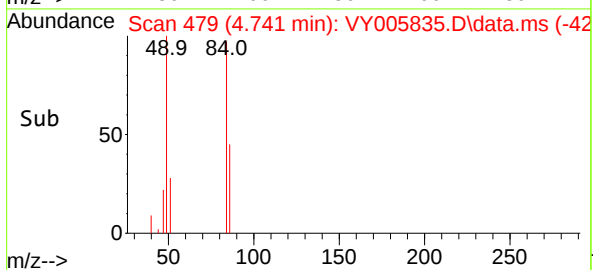
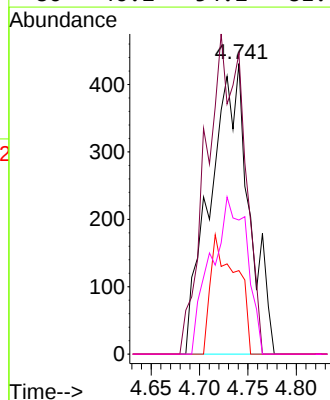
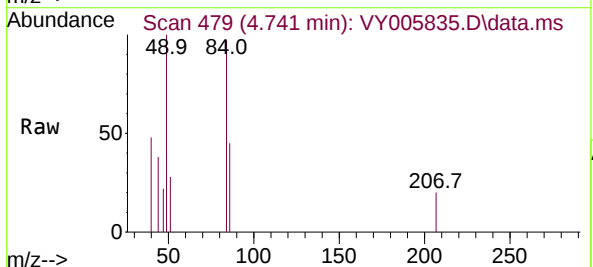
Instrument :
MSVOA_Y
ClientSampleId :
124035

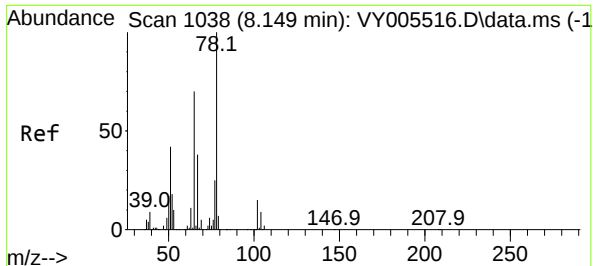
Tgt Ion: 43 Resp: 170
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



#20
Methylene Chloride
Concen: 2.036 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

Tgt Ion: 84 Resp: 1209
Ion Ratio Lower Upper
84 100
49 103.5 105.8 158.6#
51 28.8 33.4 50.2#
86 46.2 54.2 81.4#

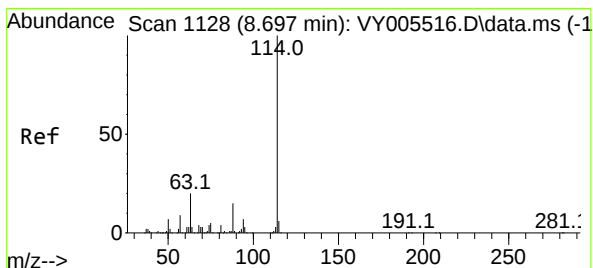
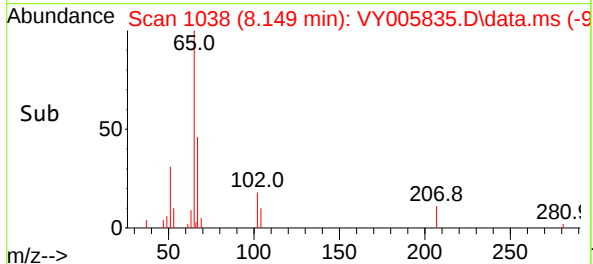
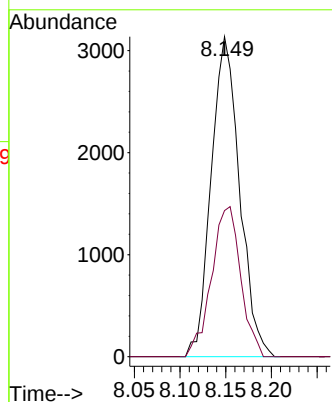
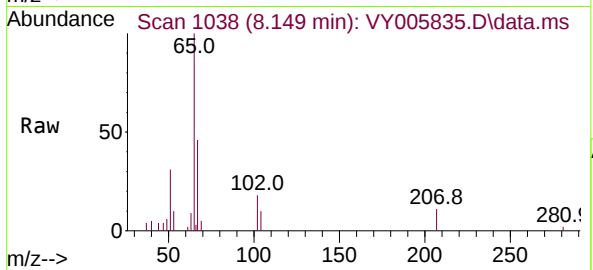




#33
1,2-Dichloroethane-d4
Concen: 43.994 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

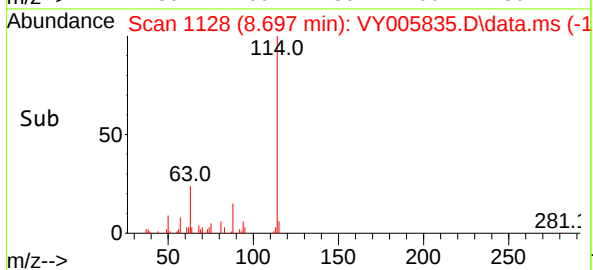
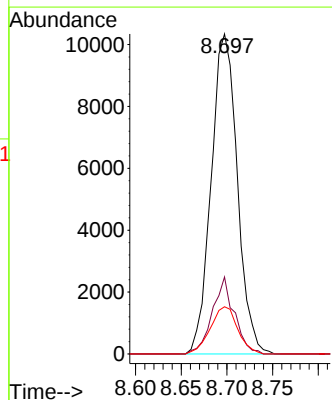
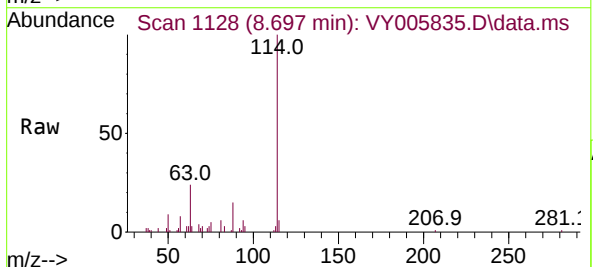
Instrument :
MSVOA_Y
ClientSampleId :
124035

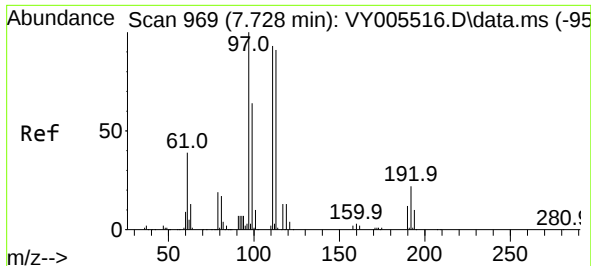
Tgt Ion: 65 Resp: 6777
Ion Ratio Lower Upper
65 100
67 48.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

Tgt Ion:114 Resp: 20556
Ion Ratio Lower Upper
114 100
63 24.1 0.0 39.2
88 14.7 0.0 30.8

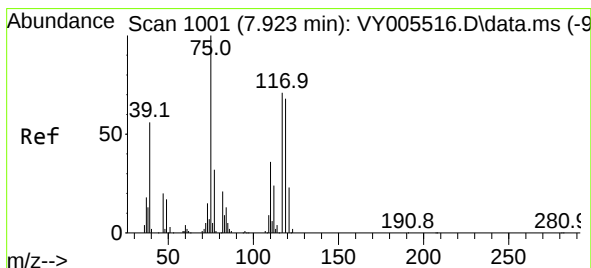
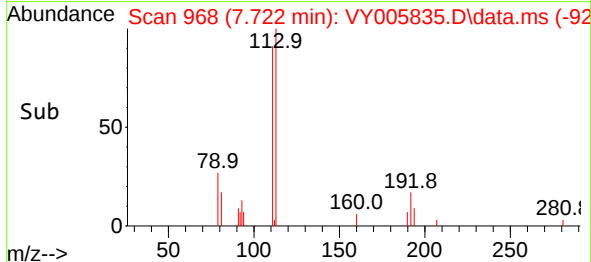
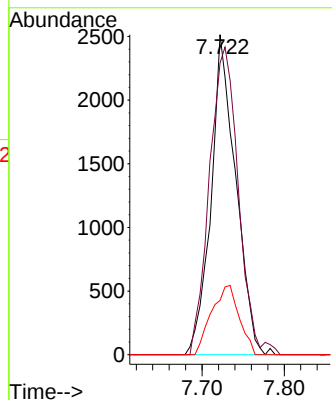
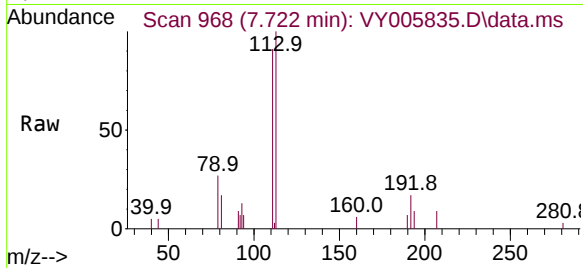




#35
Dibromofluoromethane
Concen: 45.687 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

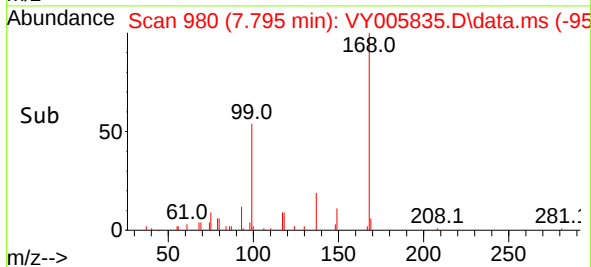
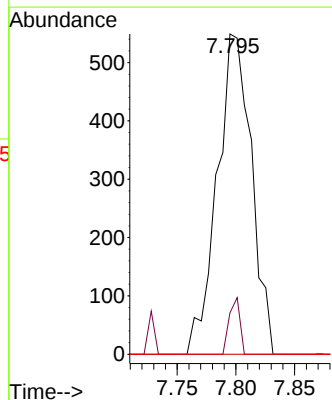
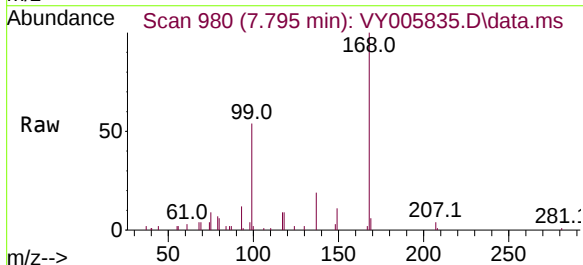
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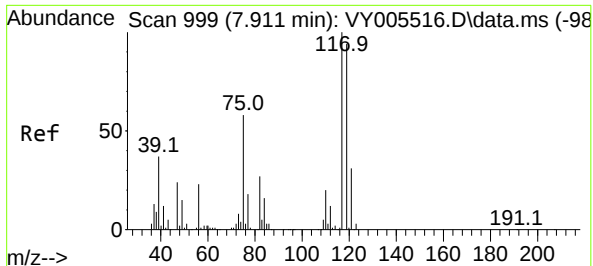
Tgt Ion:	113	Resp:	5258
Ion	Ratio	Lower	Upper
113	100		
111	112.1	81.9	122.9
192	24.1	19.2	28.8



#36
1,1-Dichloropropene
Concen: 5.773 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

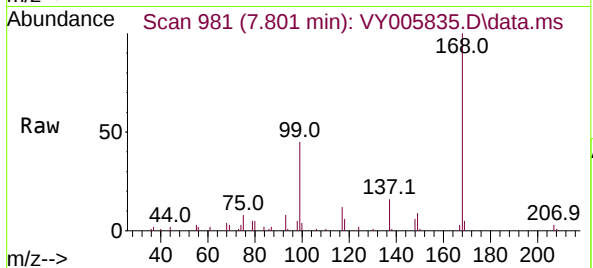
Tgt Ion:	75	Resp:	1113
Ion	Ratio	Lower	Upper
75	100		
110	5.5	18.1	54.1#
77	0.0	25.1	37.7#



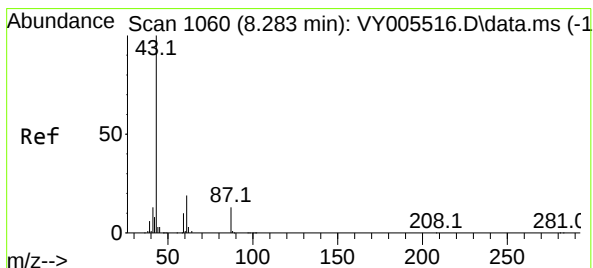
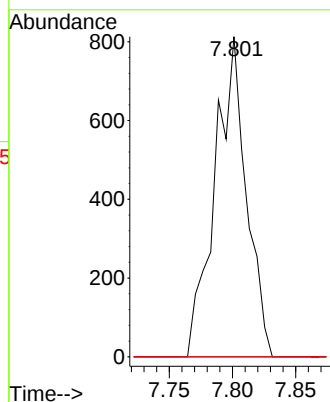
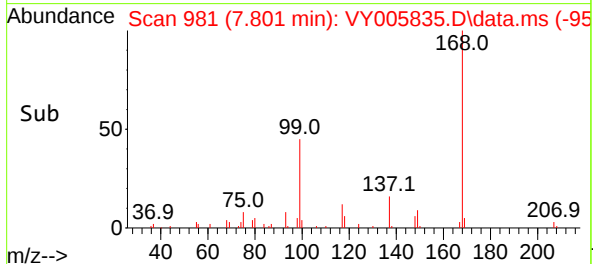


#38
Carbon Tetrachloride
Concen: 6.710 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

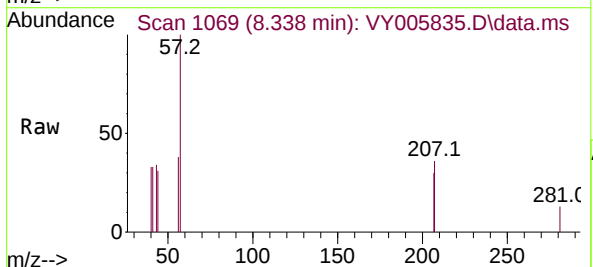
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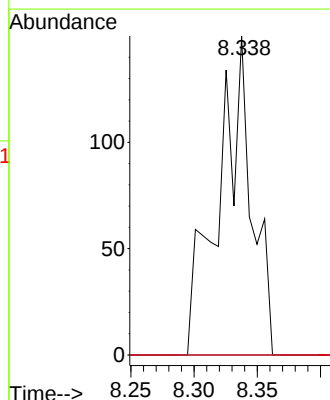
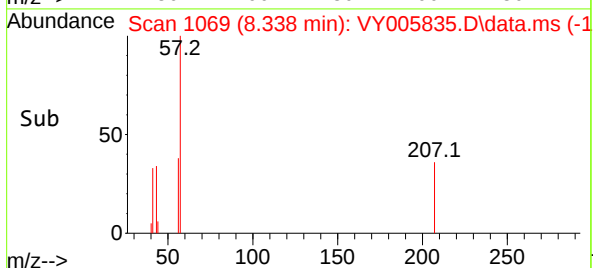
Tgt Ion:117 Resp: 1406
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.1 37.7#

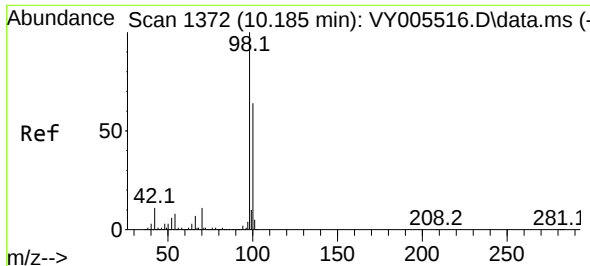


#43
Isopropyl Acetate
Concen: 1.248 ug/l
RT: 8.338 min Scan# 1069
Delta R.T. 0.055 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20



Tgt Ion: 43 Resp: 276
Ion Ratio Lower Upper
43 100
61 0.0 23.0 34.6#
87 0.0 10.6 16.0#

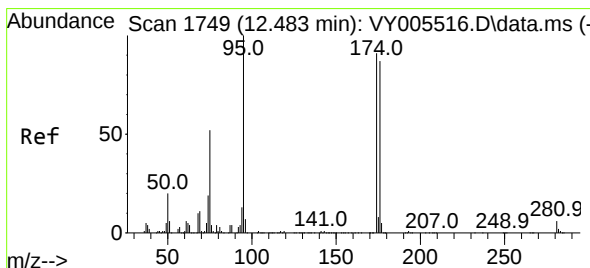
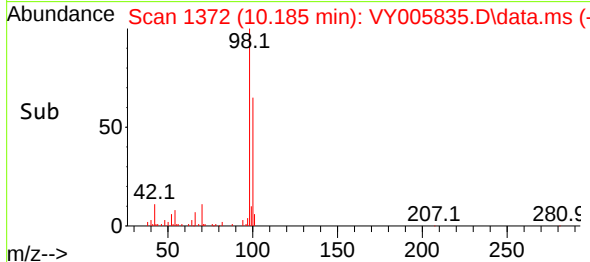
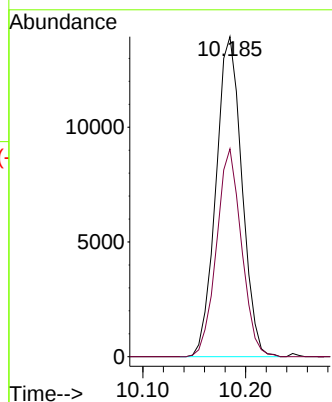
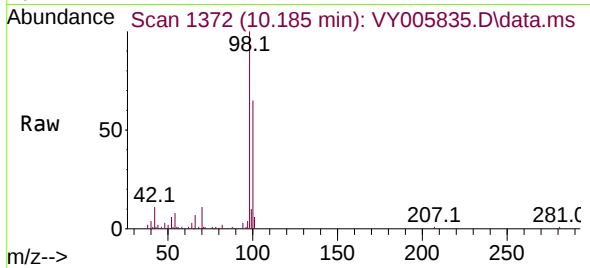




#50
Toluene-d8
Concen: 50.651 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

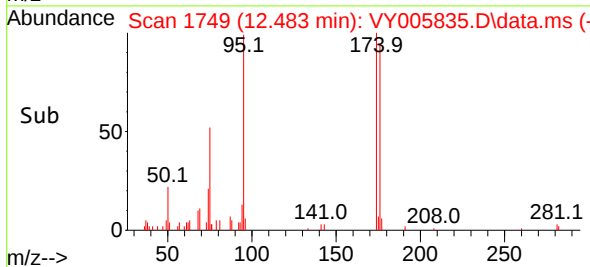
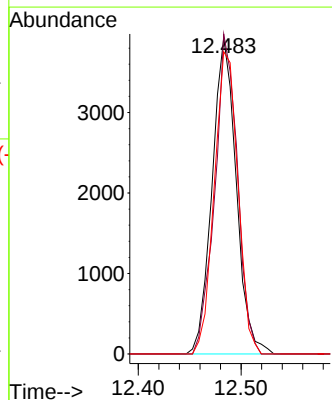
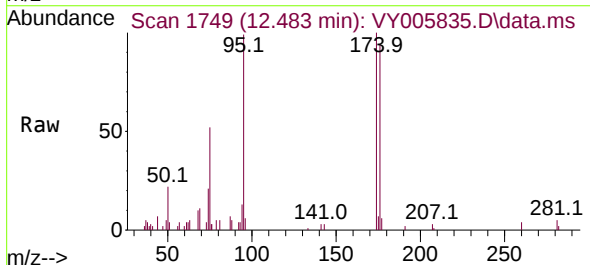
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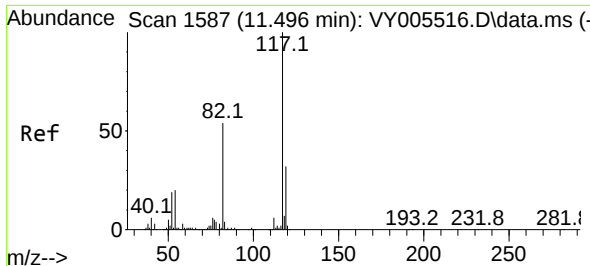
Tgt Ion: 98 Resp: 24448
Ion Ratio Lower Upper
98 100
100 62.5 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 39.947 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

Tgt Ion: 95 Resp: 6385
Ion Ratio Lower Upper
95 100
174 95.1 0.0 191.4
176 93.8 0.0 183.6

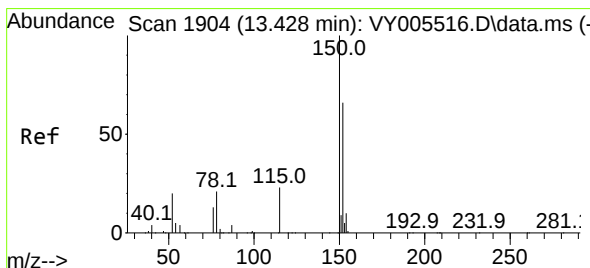
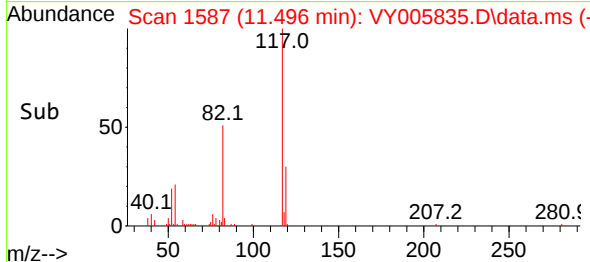
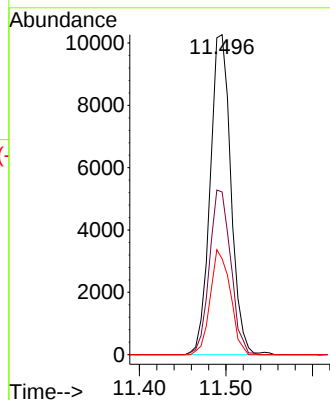
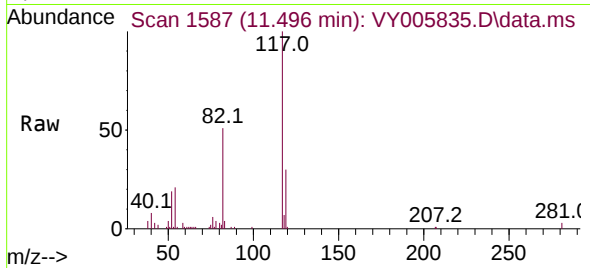




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

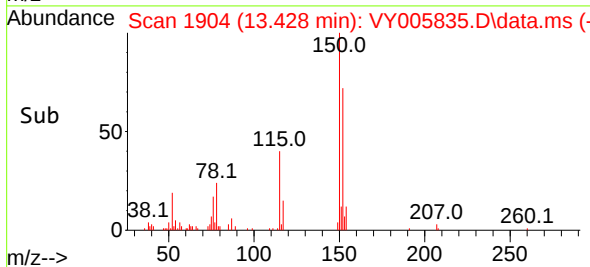
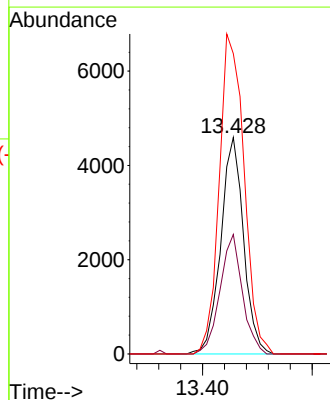
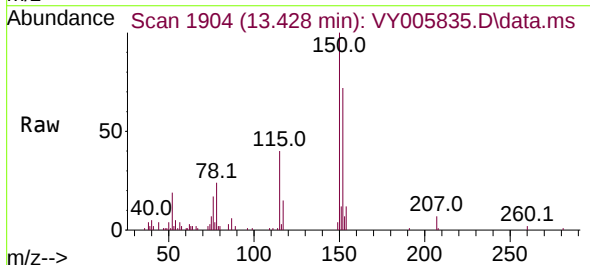
Instrument :
MSVOA_Y
ClientSampleId :
124035

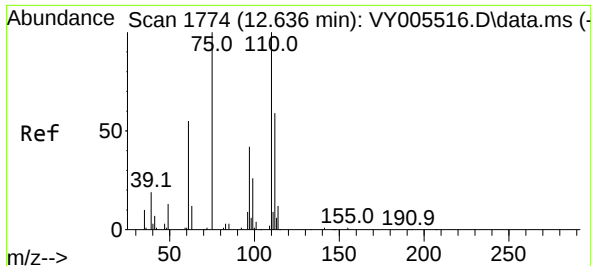
Tgt Ion:	117	Resp:	17085
Ion	Ratio	Lower	Upper
117	100		
82	50.9	43.5	65.3
119	30.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

Tgt Ion:	152	Resp:	6642
Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.3	81.9
150	160.7	0.0	350.2

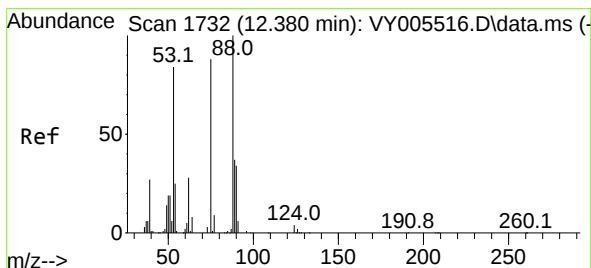
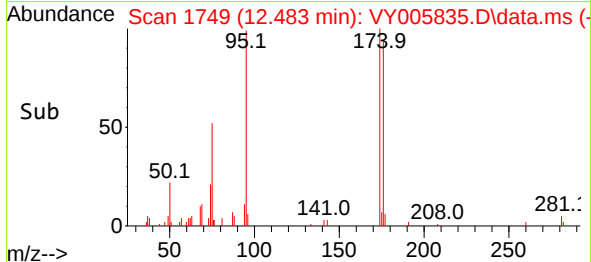
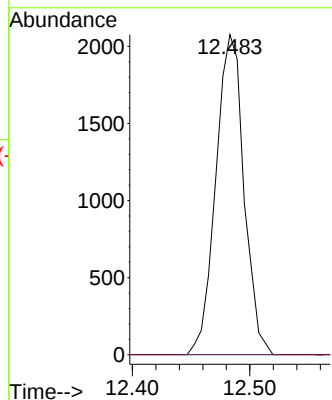
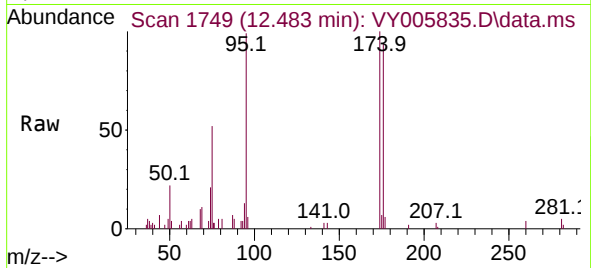




#76
1,2,3-Trichloropropane
Concen: 50.109 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

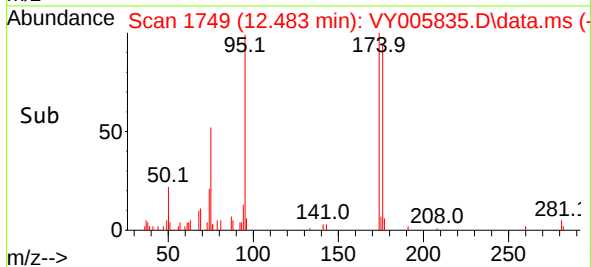
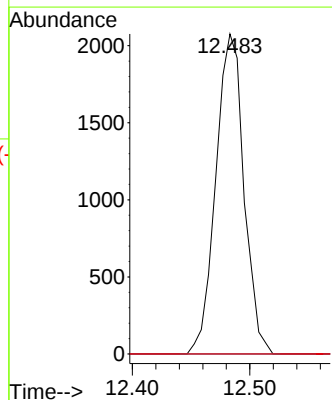
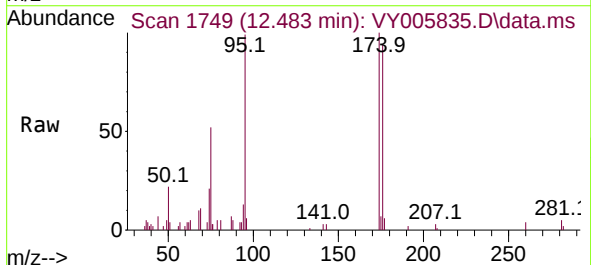
Instrument :
MSVOA_Y
ClientSampled :
124035

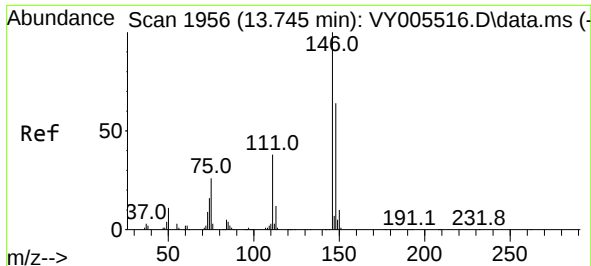
Tgt Ion: 75 Resp: 3449
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 101.013 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

Tgt Ion: 75 Resp: 3449
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

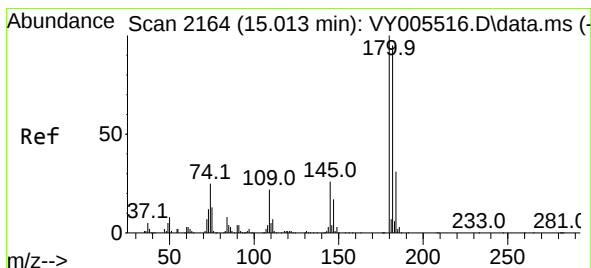
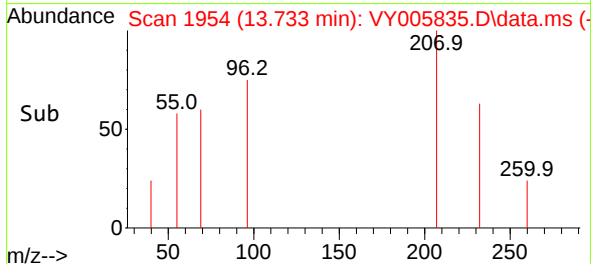
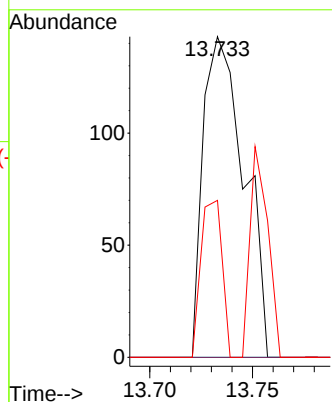
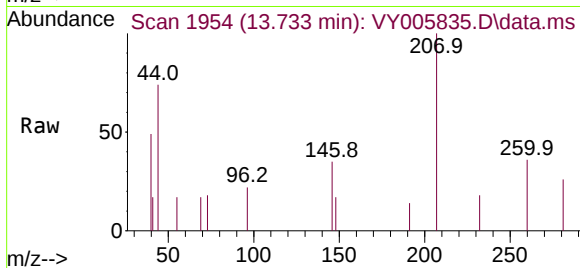




#91
1,2-Dichlorobenzene
Concen: 1.014 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.012 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

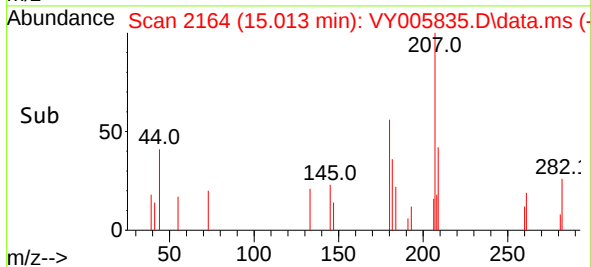
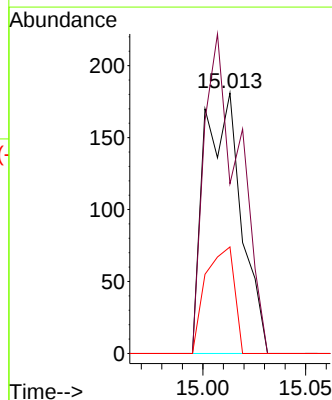
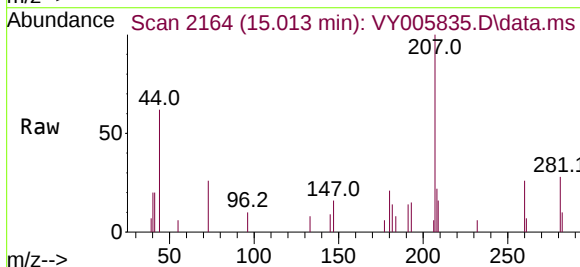
Instrument :
MSVOA_Y
ClientSampled :
124035

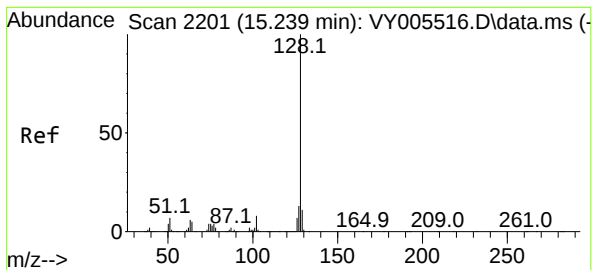
Tgt Ion:146 Resp: 199
Ion Ratio Lower Upper
146 100
111 0.0 19.4 58.2#
148 25.1 31.9 95.5#



#93
1,2,4-Trichlorobenzene
Concen: 1.668 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

Tgt Ion:180 Resp: 225
Ion Ratio Lower Upper
180 100
182 116.4 47.8 143.4
145 32.0 14.0 42.0





#95
Naphthalene
Concen: 2.264 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005835.D
Acq: 25 Aug 2021 13:20

Instrument :
MSVOA_Y
ClientSampleId :
124035

Tgt Ion:128 Resp: 602
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.7 13.1#

