

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
 Data File : VY004141.D
 Acq On : 19 Mar 2021 16:44
 Operator : SY/MD
 Sample : M1749-02
 Misc : 6.68g/5mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FS-SB-15-21-22

Quant Time: Mar 20 03:15:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

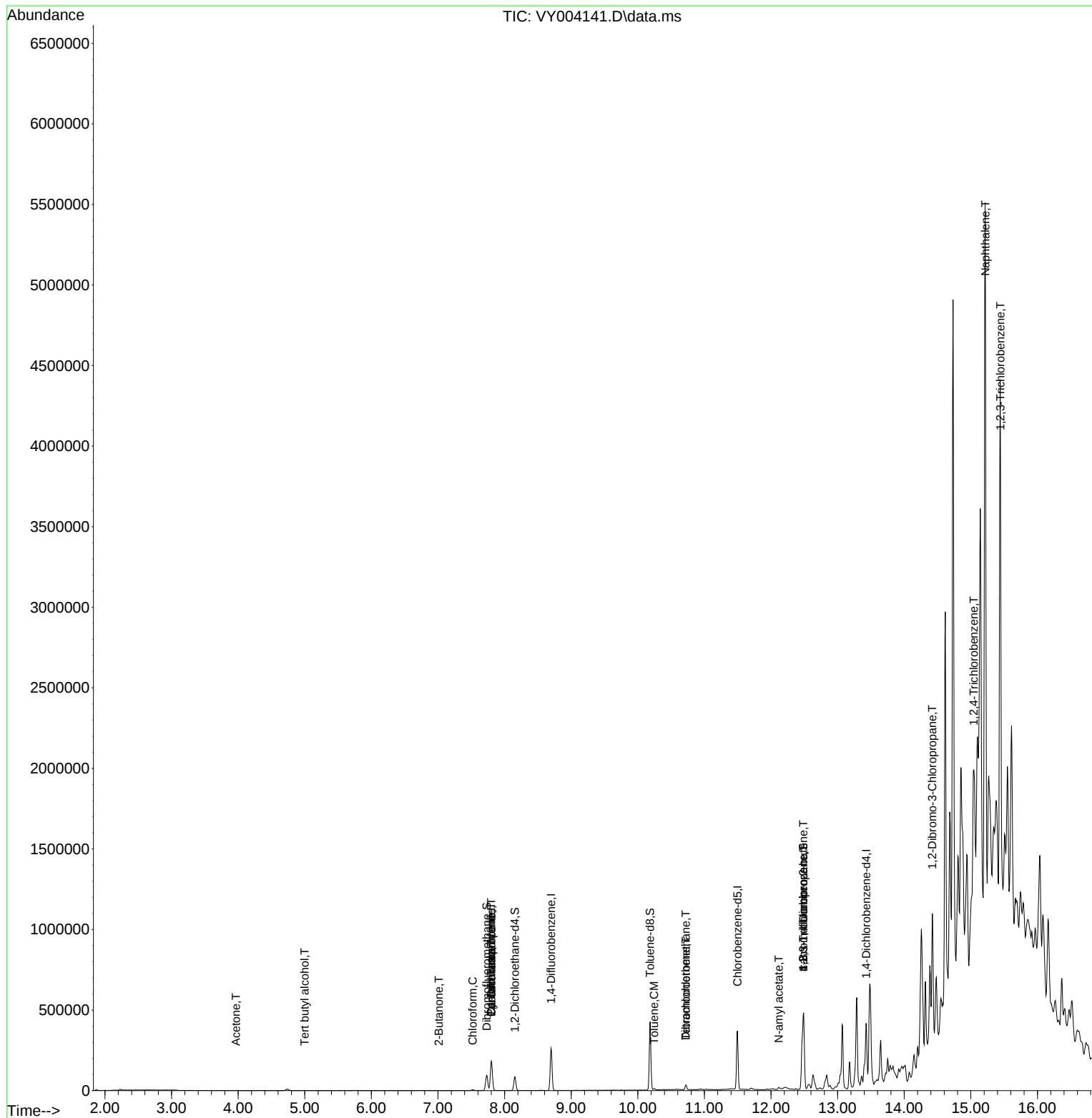
Internal Standards						
1) Pentafluorobenzene	7.801	168	140351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	225608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	200236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89506	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	66414	47.95	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.90%
35) Dibromofluoromethane	7.734	113	65818	51.73	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.46%
50) Toluene-d8	10.185	98	266718	53.48	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.96%
62) 4-Bromofluorobenzene	12.483	95	89669	48.68	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.36%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	390	Below Cal		92
11) Tert butyl alcohol	4.997	59	1211	9.67 ug/l #		76
16) Acetone	3.966	43	2916	8.72 ug/l #		89
25) 2-Butanone	7.015	43	566	1.17 ug/l #		51
30) Chloroform	7.521	83	5549	2.24 ug/l		97
31) Cyclohexane	7.801	56	3018	1.24 ug/l #		8
36) 1,1-Dichloropropene	7.801	75	10255	5.17 ug/l #		52
38) Carbon Tetrachloride	7.801	117	14437	6.87 ug/l #		16
52) Toluene	10.246	92	3668	1.01 ug/l		98
60) Dibromochloromethane	10.721	129	5251	3.73 ug/l #		10
64) Tetrachloroethene	10.721	164	6304	3.76 ug/l		88
74) N-amyl acetate	12.117	43	2034	1.14 ug/l #		62
76) 1,2,3-Trichloropropane	12.483	75	48215	56.18 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	48215	110.88 ug/l #		14
92) 1,2-Dibromo-3-Chloropr...	14.422	75	234	1.15 ug/l #		22
93) 1,2,4-Trichlorobenzene	15.044	180	6874	4.12 ug/l #		17
95) Naphthalene	15.220	128	5279	1.60 ug/l #		1
96) 1,2,3-Trichlorobenzene	15.446	180	18268	13.02 ug/l #		12

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

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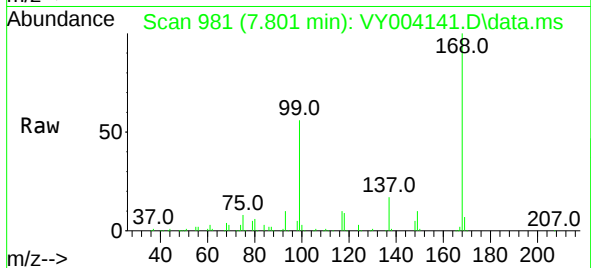
Quant Time: Mar 20 03:15:21 2021
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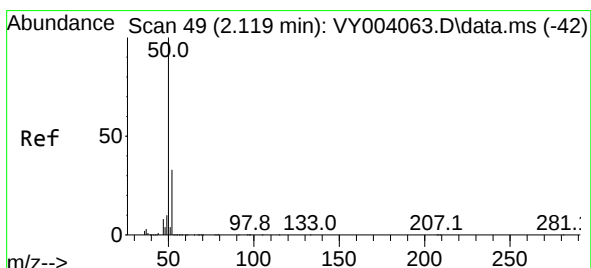
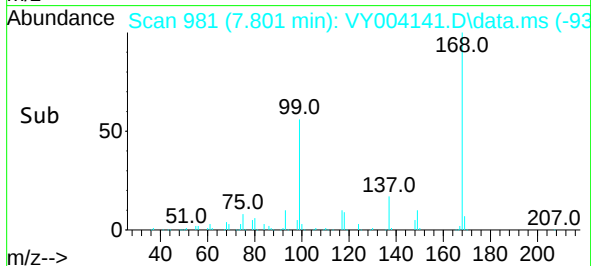
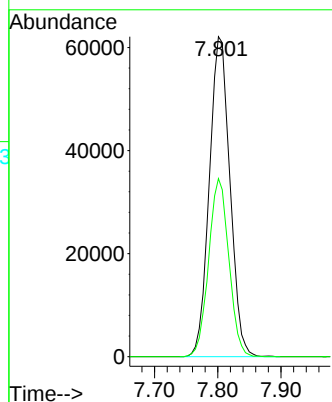


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-15-21-22

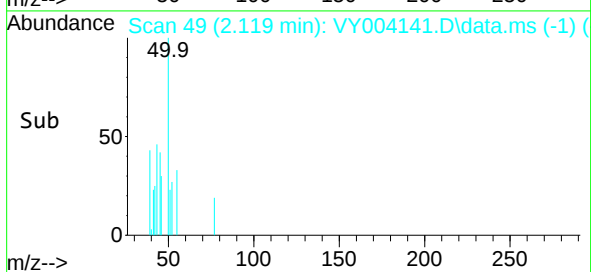
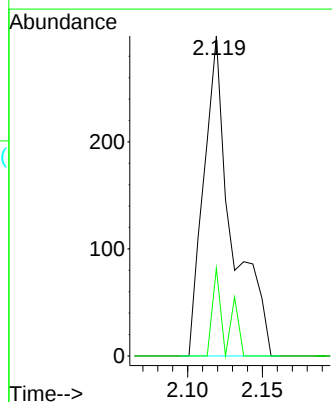
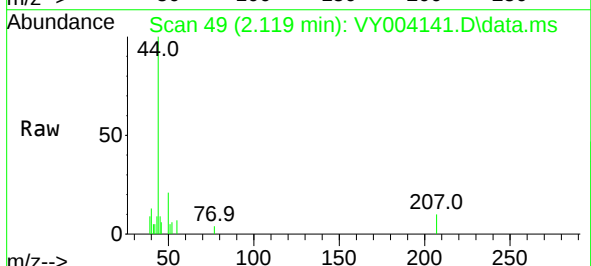


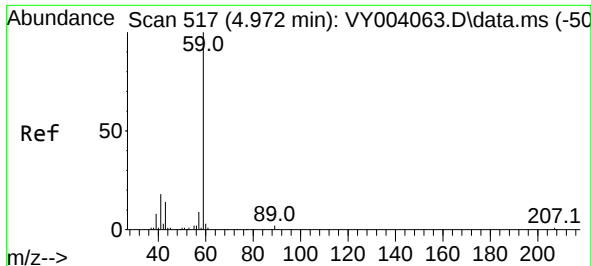
Tgt Ion:168 Resp: 140351
Ion Ratio Lower Upper
168 100
99 55.6 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

Tgt Ion: 50 Resp: 390
Ion Ratio Lower Upper
50 100
52 27.4 25.4 38.2



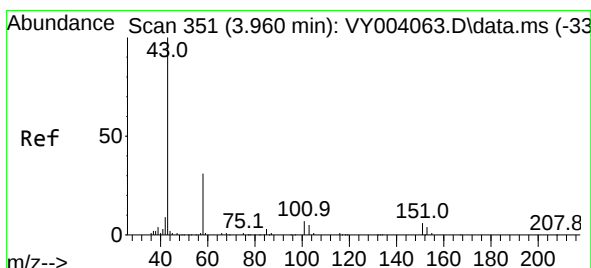
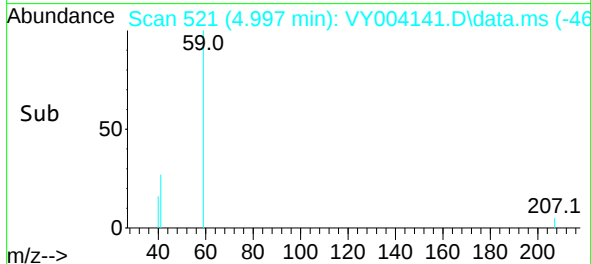
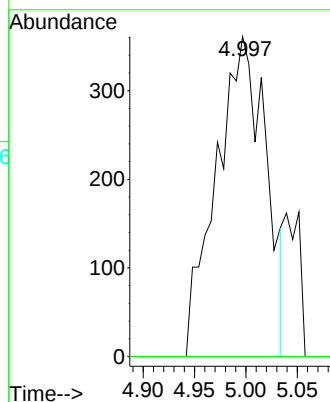
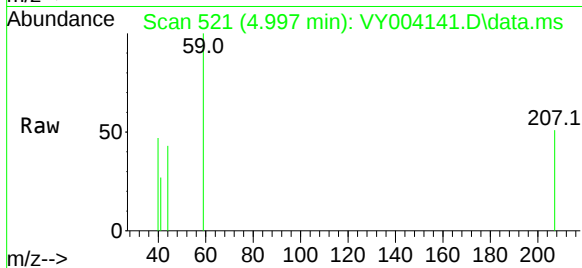


#11

Tert butyl alcohol
Concen: 9.67 ug/l
RT: 4.997 min Scan# 521
Delta R.T. 0.025 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-15-21-22

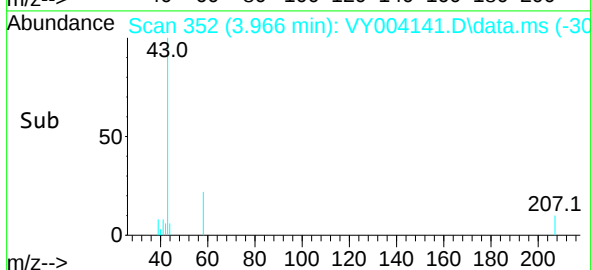
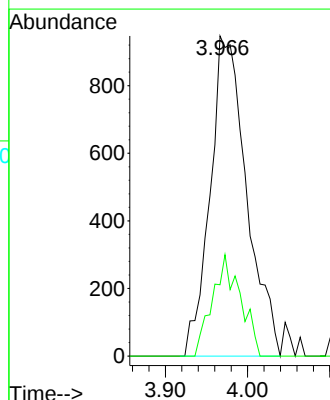
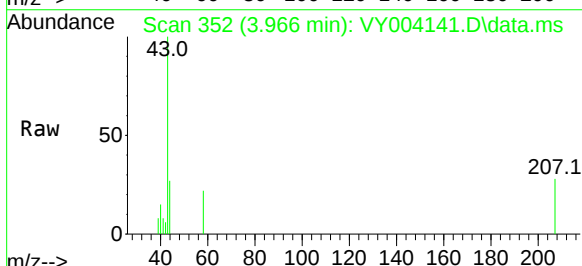
Tgt Ion: 59 Resp: 1211
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

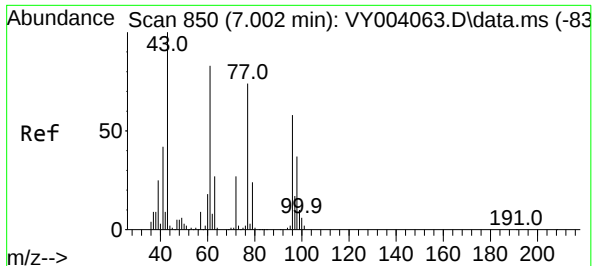


#16

Acetone
Concen: 8.72 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

Tgt Ion: 43 Resp: 2916
Ion Ratio Lower Upper
43 100
58 22.3 22.6 34.0#





#25

2-Butanone

Concen: 1.17 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.013 min

Lab File: VY004141.D

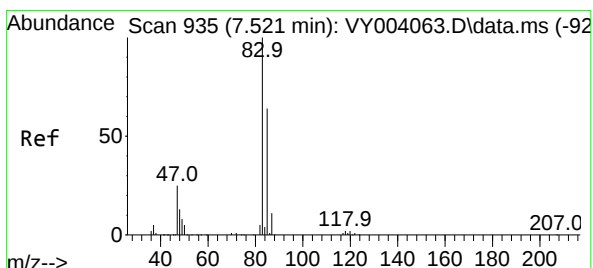
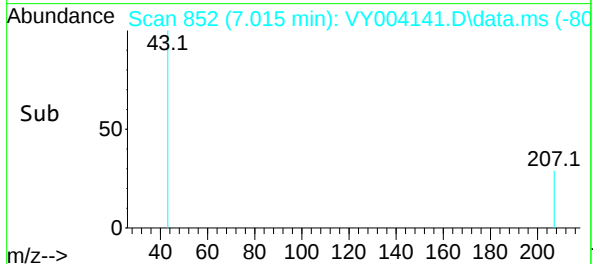
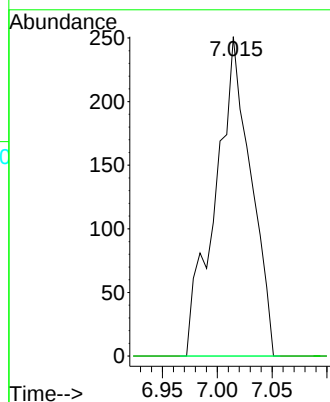
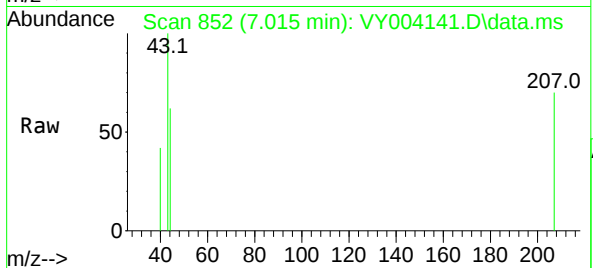
Acq: 19 Mar 2021 16:44

Tgt Ion: 43 Resp: 566

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.0#



#30

Chloroform

Concen: 2.24 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY004141.D

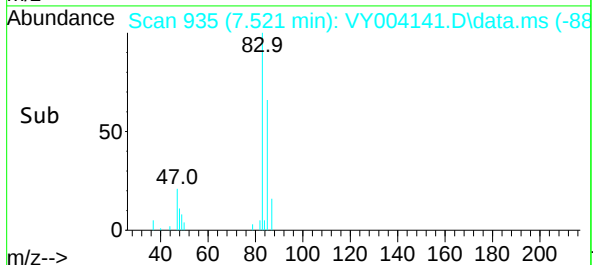
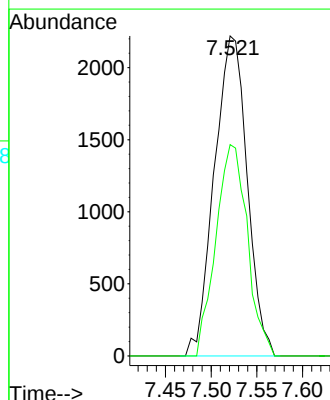
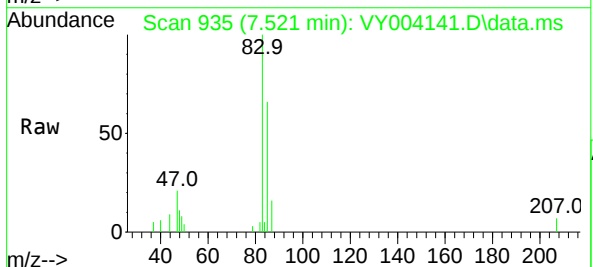
Acq: 19 Mar 2021 16:44

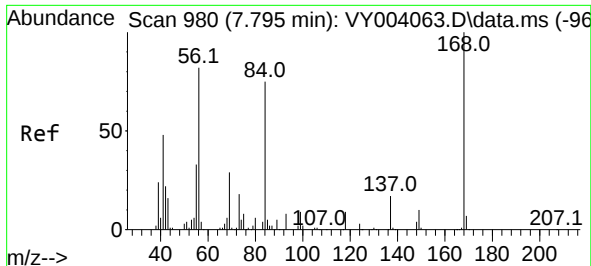
Tgt Ion: 83 Resp: 5549

Ion Ratio Lower Upper

83 100

85 66.0 51.0 76.6

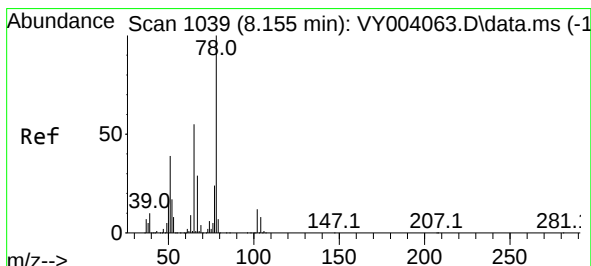
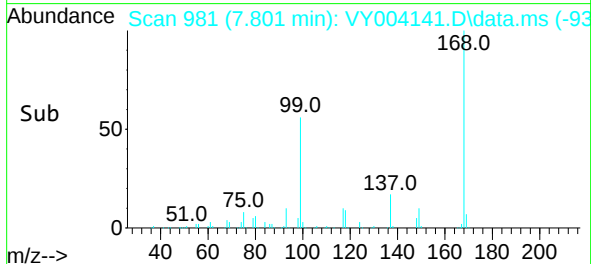
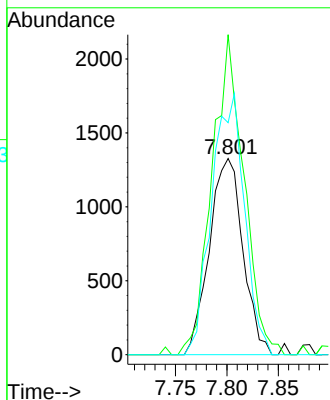
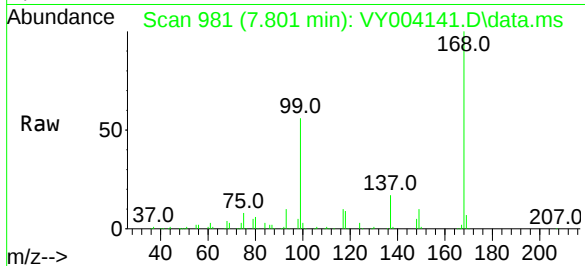




#31
Cyclohexane
Concen: 1.24 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

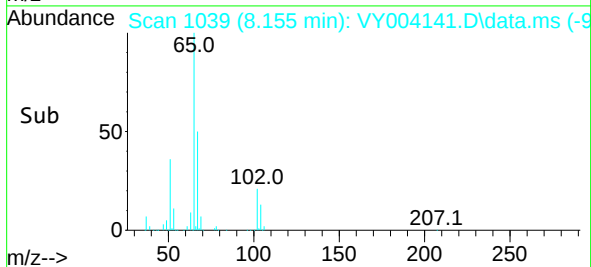
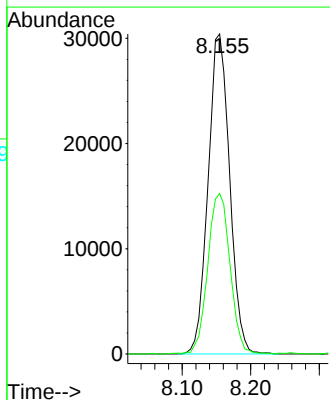
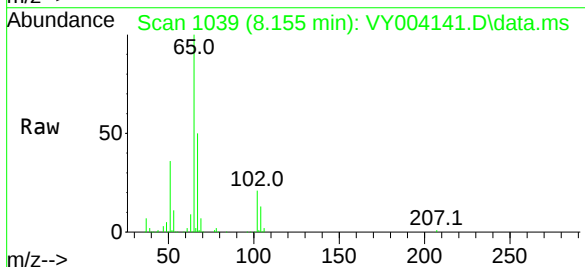
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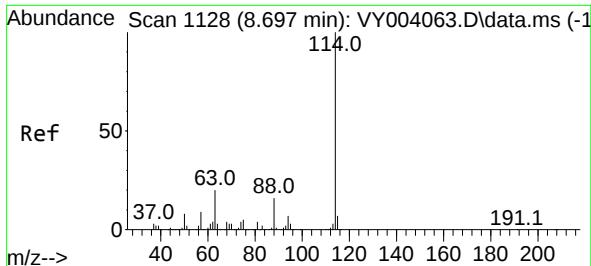
Tgt Ion: 56 Resp: 3018
Ion Ratio Lower Upper
56 100
69 163.1 25.3 37.9#
84 118.3 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 47.95 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

Tgt Ion: 65 Resp: 66414
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.4

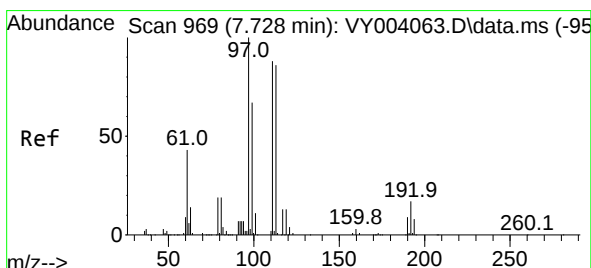
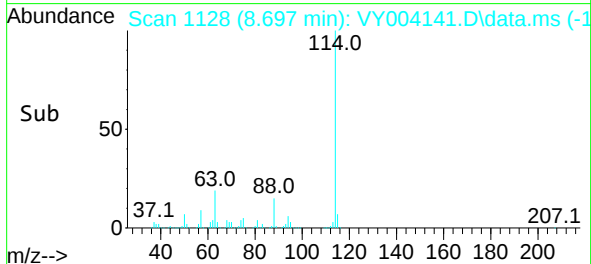
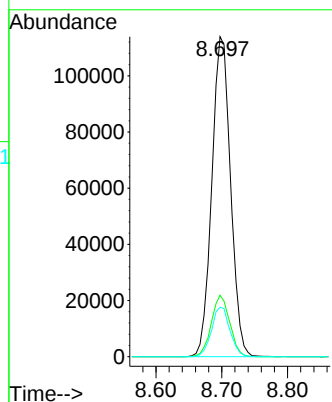
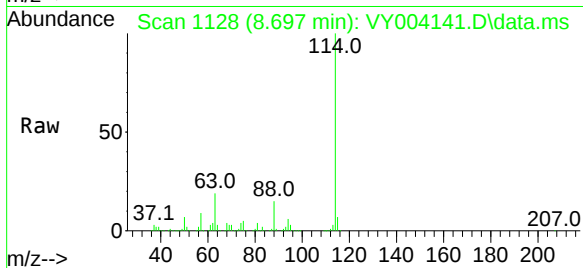




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

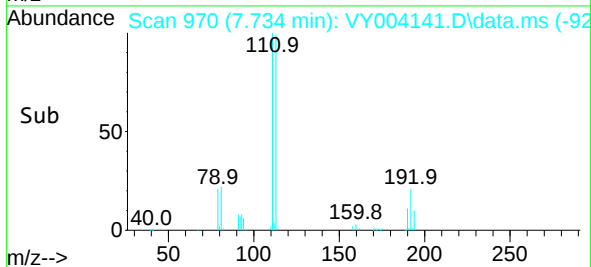
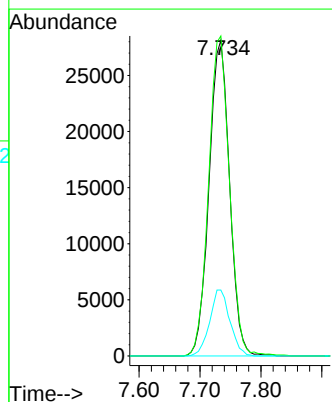
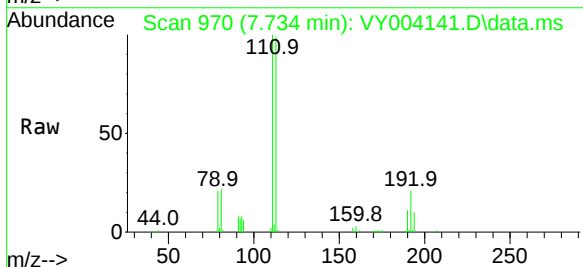
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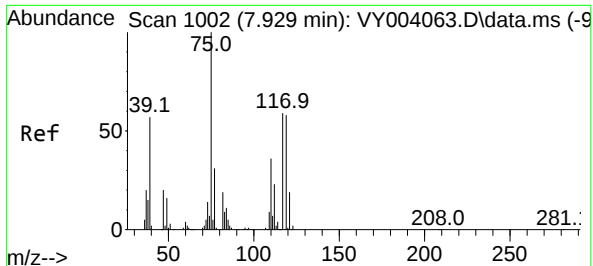
Tgt Ion:114 Resp: 225608
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.6
88 15.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.73 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

Tgt Ion:113 Resp: 65818
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 20.6 18.5 27.7

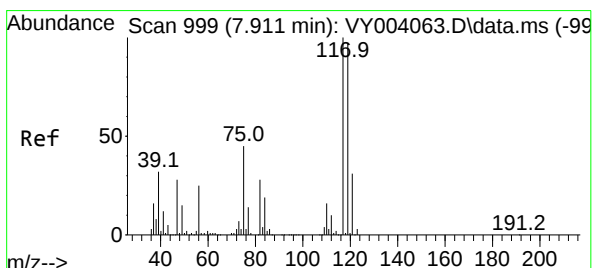
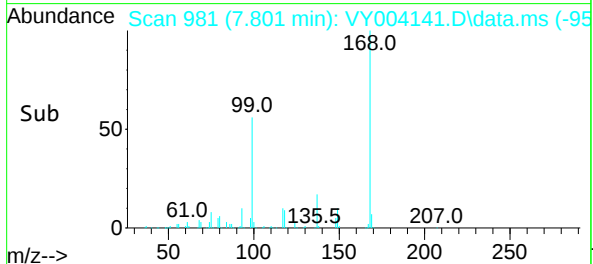
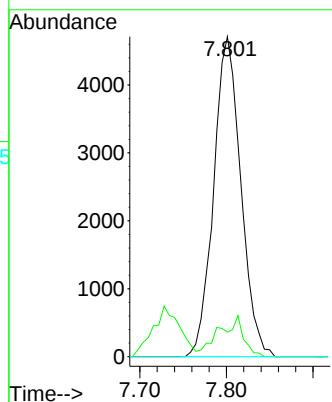
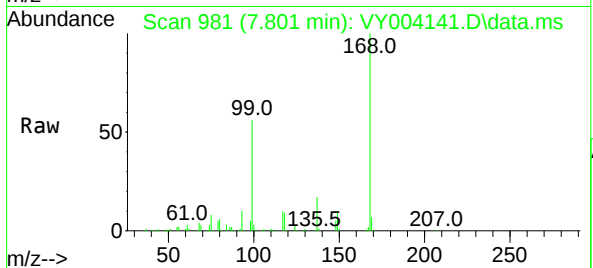




#36
1,1-Dichloropropene
Concen: 5.17 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

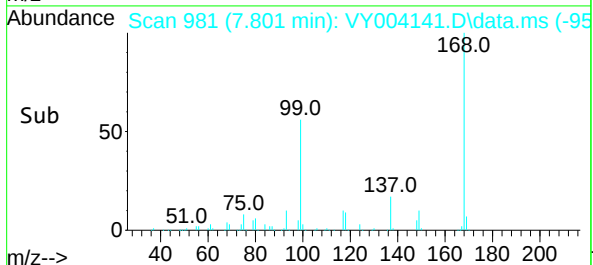
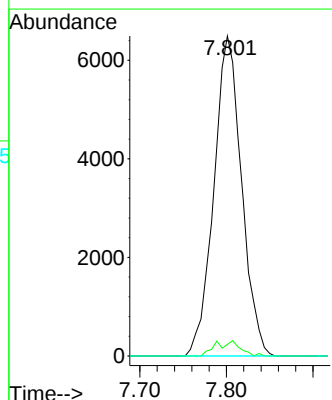
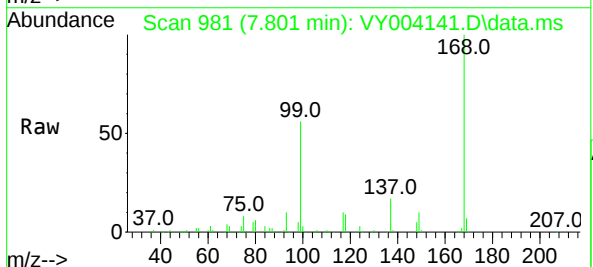
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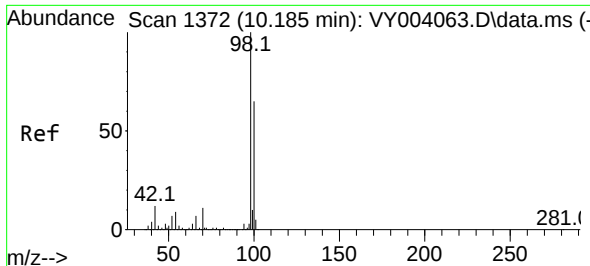
Tgt Ion: 75 Resp: 10255
Ion Ratio Lower Upper
75 100
110 11.6 17.4 52.3#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.87 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

Tgt Ion: 117 Resp: 14437
Ion Ratio Lower Upper
117 100
119 3.6 75.4 113.0#
121 0.0 24.2 36.2#

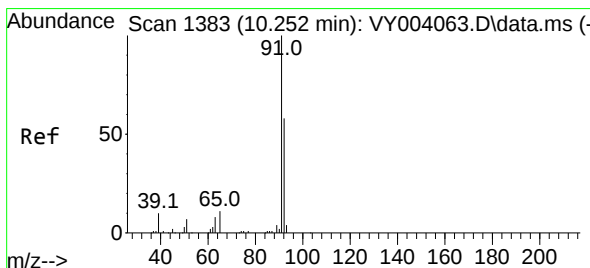
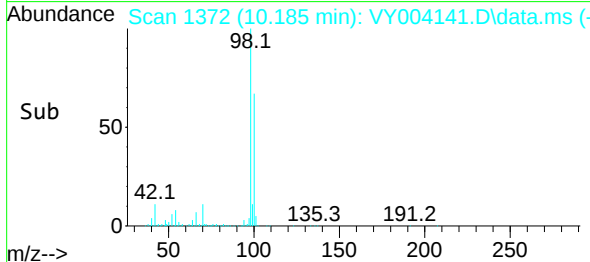
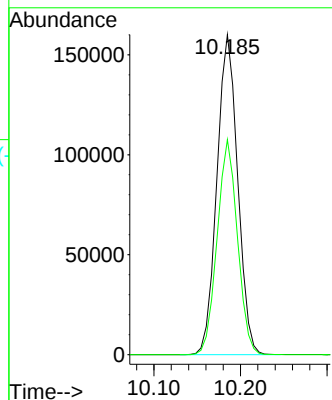
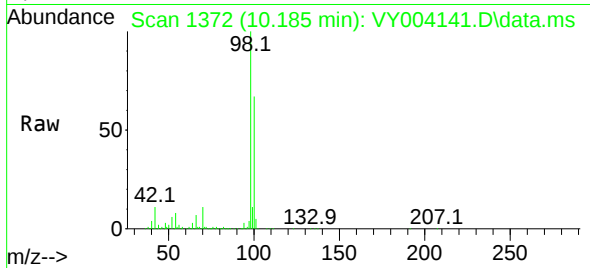




#50
Toluene-d8
Concen: 53.48 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

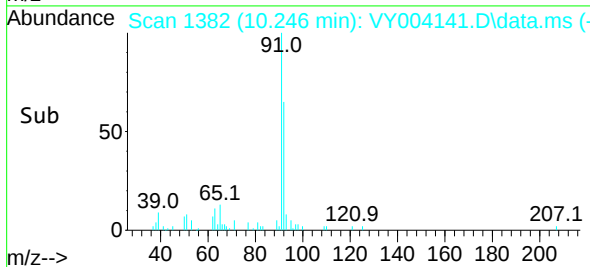
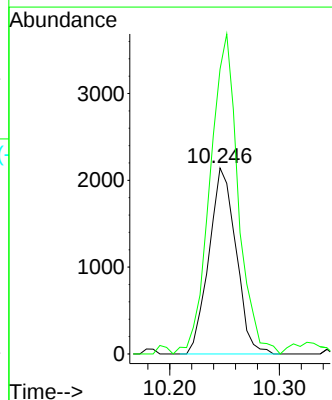
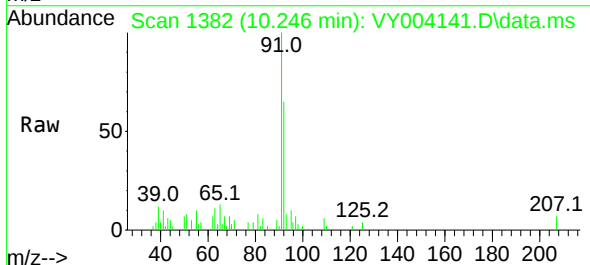
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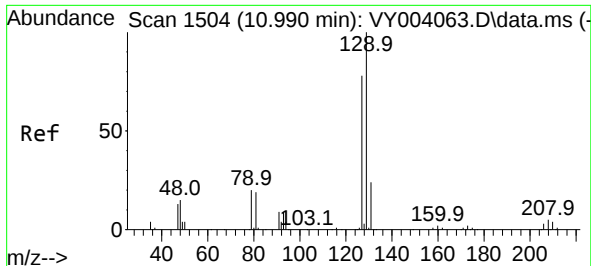
Tgt Ion: 98 Resp: 266718
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6



#52
Toluene
Concen: 1.01 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

Tgt Ion: 92 Resp: 3668
Ion Ratio Lower Upper
92 100
91 179.3 141.0 211.4

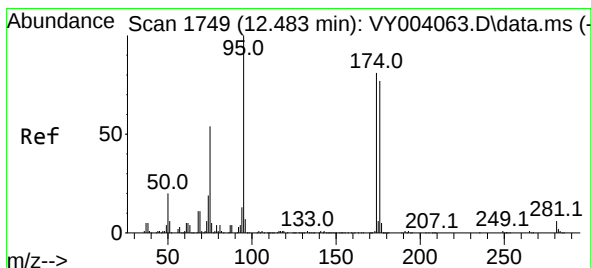
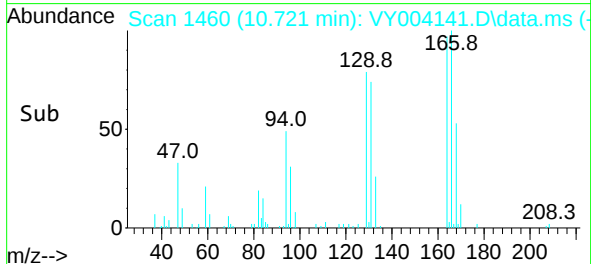
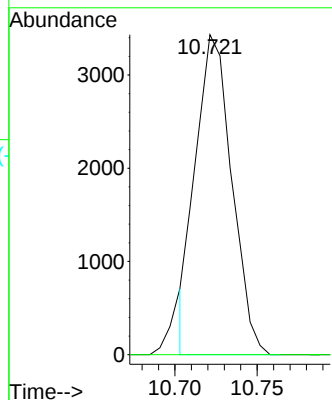
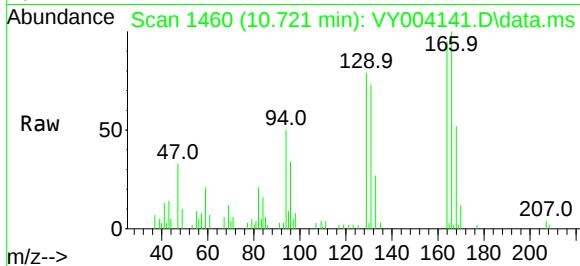




#60
Dibromochloromethane
Concen: 3.73 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.269 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

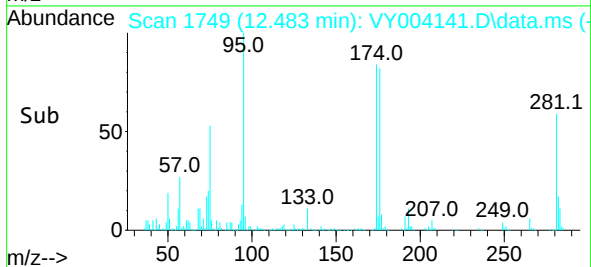
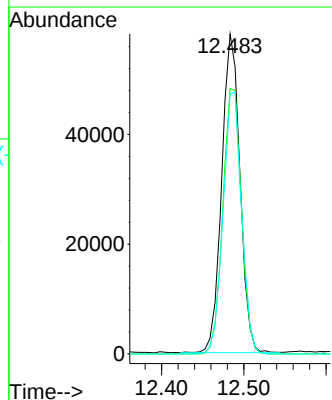
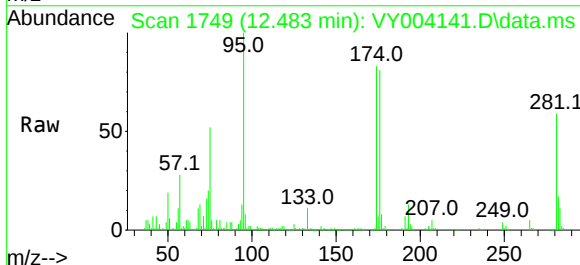
Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-15-21-22

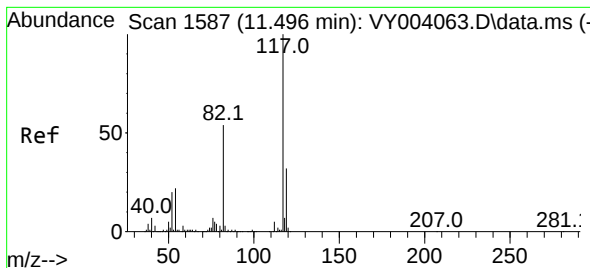
Tgt Ion:129 Resp: 5251
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 48.68 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

Tgt Ion: 95 Resp: 89669
Ion Ratio Lower Upper
95 100
174 85.0 0.0 179.0
176 83.4 0.0 174.4

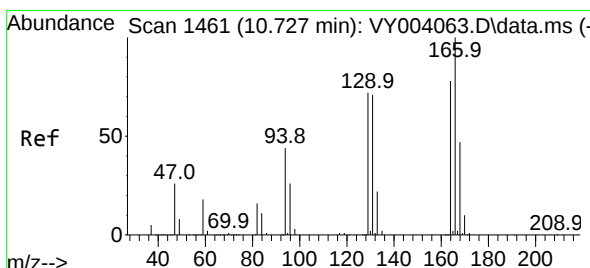
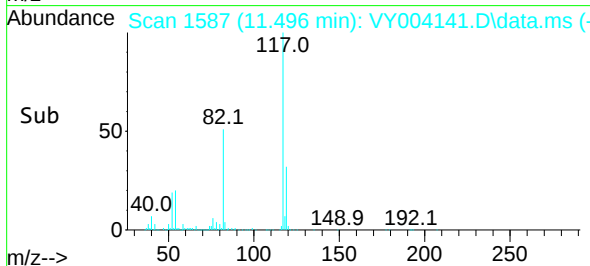
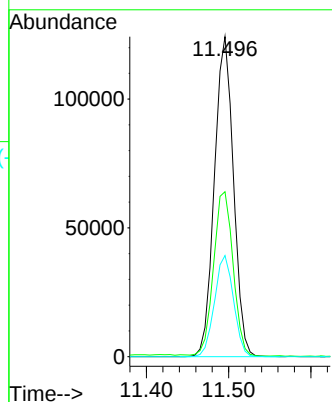
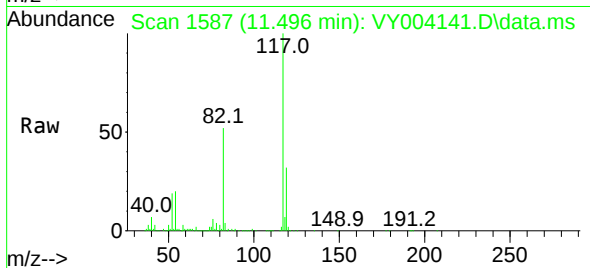




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

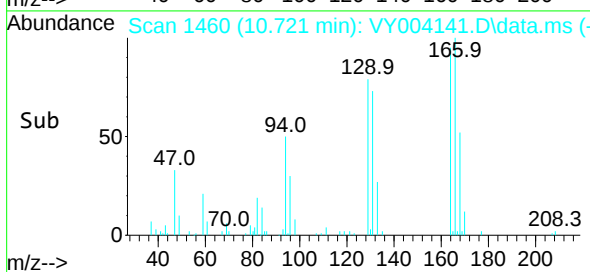
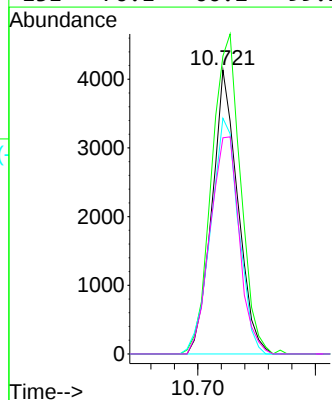
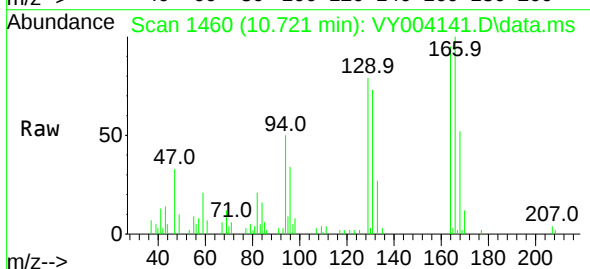
Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-15-21-22

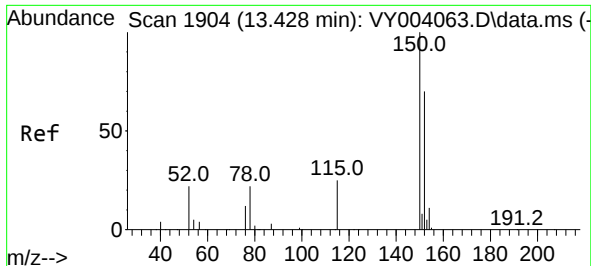
Tgt Ion:117	Resp:	200236
Ion	Ratio	Lower Upper
117	100	
82	51.3	43.8 65.6
119	31.6	26.2 39.2



#64
Tetrachloroethene
Concen: 3.76 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

Tgt Ion:164	Resp:	6304
Ion	Ratio	Lower Upper
164	100	
166	104.9	102.7 154.1
129	83.0	70.6 105.8
131	76.1	66.2 99.2

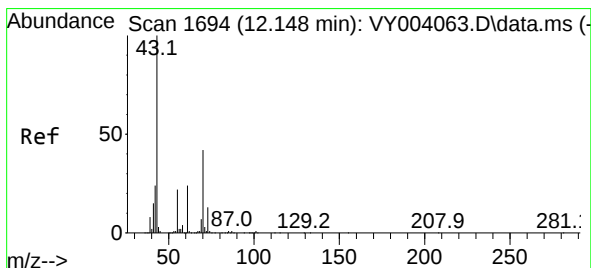
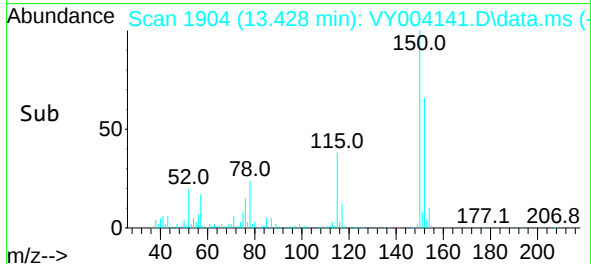
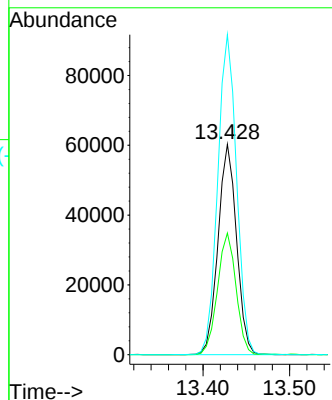
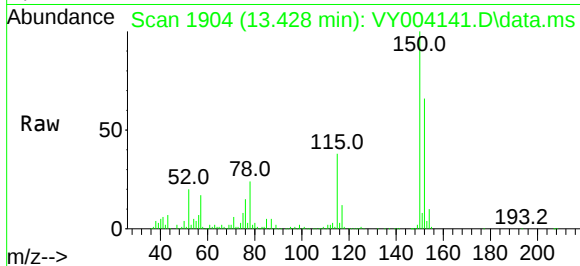




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

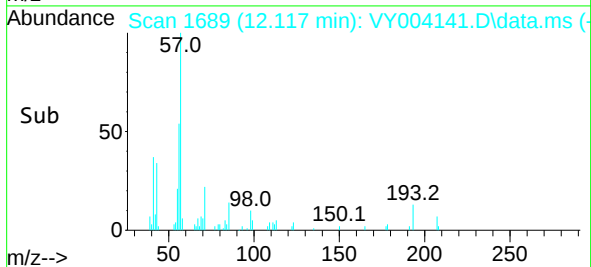
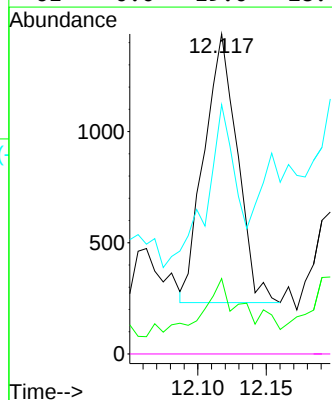
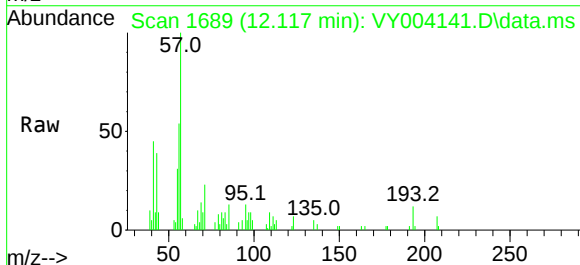
Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-15-21-22

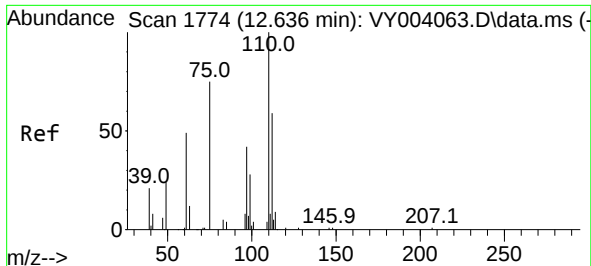
Tgt Ion:152 Resp: 89506
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.6
150 155.0 0.0 347.2



#74
N-ethyl acetate
Concen: 1.14 ug/l
RT: 12.117 min Scan# 1689
Delta R.T. -0.031 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

Tgt Ion: 43 Resp: 2034
Ion Ratio Lower Upper
43 100
70 28.8 32.3 48.5#
55 52.9 18.4 27.6#
61 0.0 19.0 28.4#

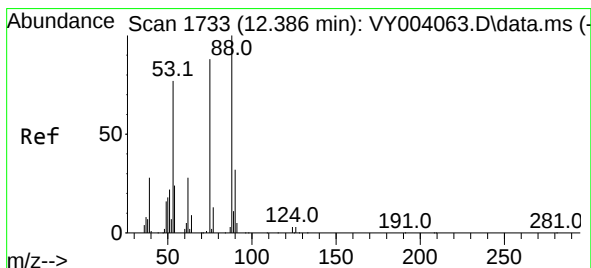
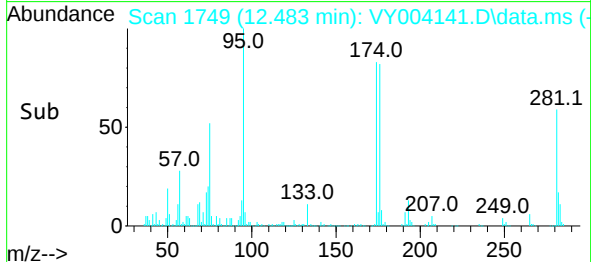
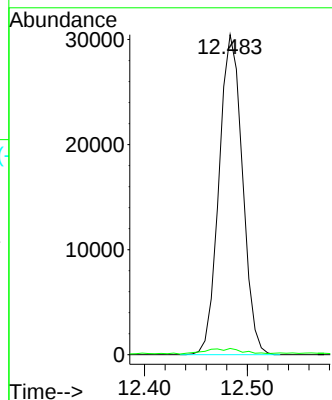
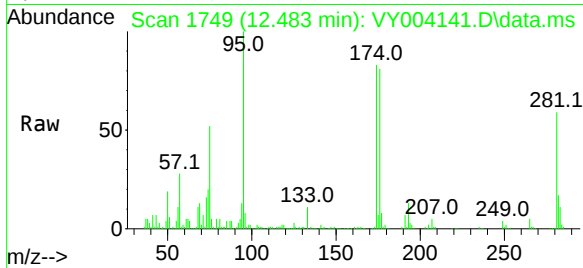




#76
1,2,3-Trichloropropane
Concen: 56.18 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

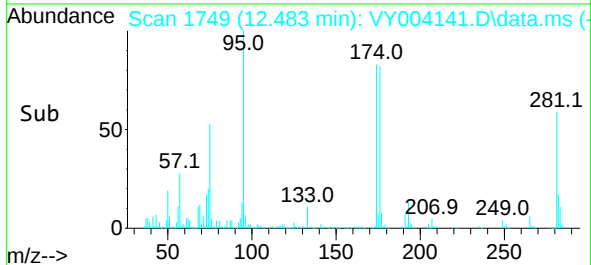
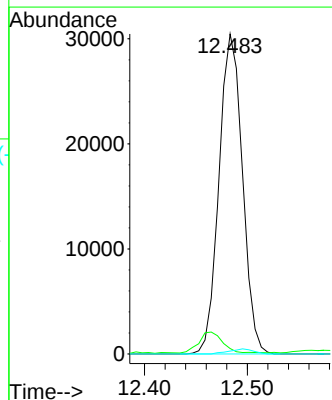
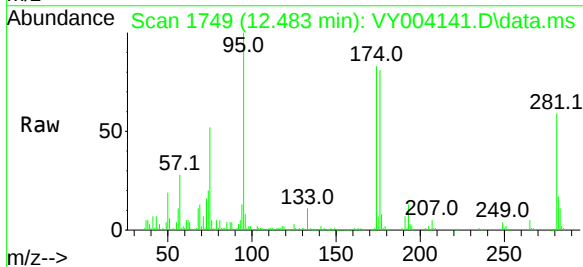
Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-15-21-22

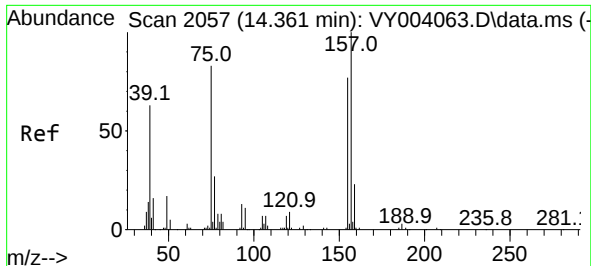
Tgt Ion: 75 Resp: 48215
Ion Ratio Lower Upper
75 100
77 2.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.88 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

Tgt Ion: 75 Resp: 48215
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 1.6 35.7 53.5#

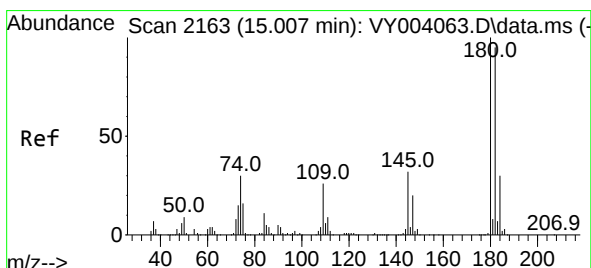
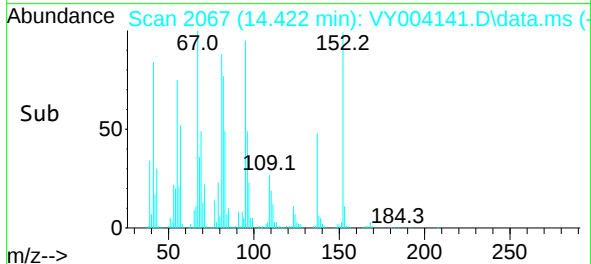
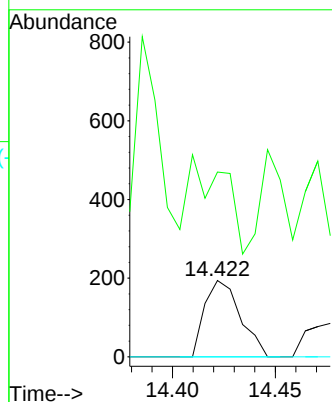
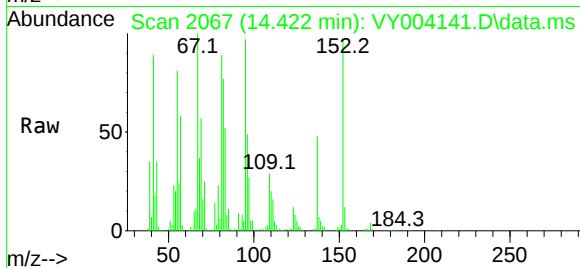




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.15 ug/l
 RT: 14.422 min Scan# 2067
 Delta R.T. 0.061 min
 Lab File: VY004141.D
 Acq: 19 Mar 2021 16:44

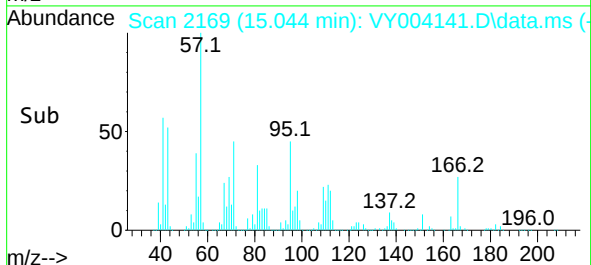
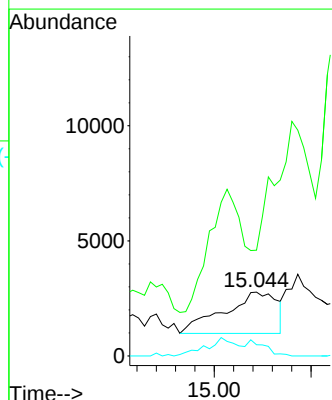
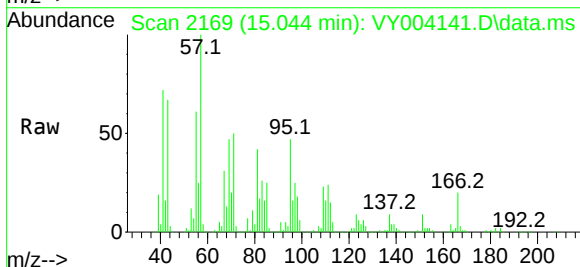
Instrument :
 MSVOA_Y
 ClientSampleId :
 FS-SB-15-21-22

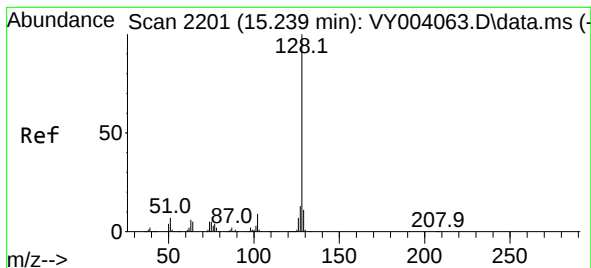
Tgt Ion: 75 Resp: 234
 Ion Ratio Lower Upper
 75 100
 155 130.8 42.8 128.4#
 157 0.0 52.4 157.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 4.12 ug/l
 RT: 15.044 min Scan# 2169
 Delta R.T. 0.037 min
 Lab File: VY004141.D
 Acq: 19 Mar 2021 16:44

Tgt Ion: 180 Resp: 6874
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.0 144.0#
 145 12.4 14.1 42.2#

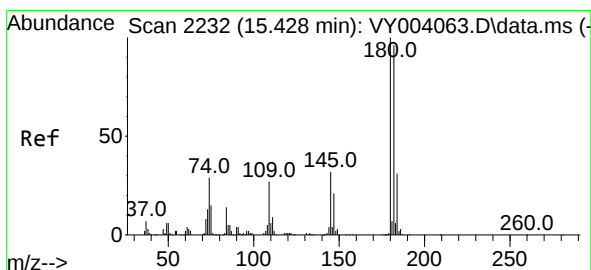
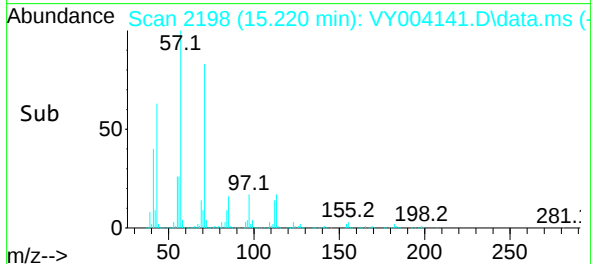
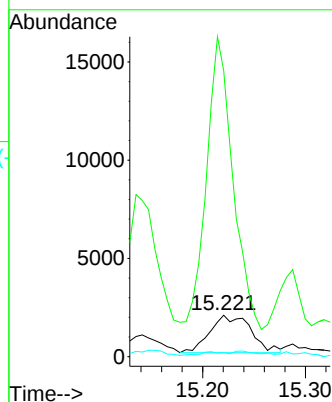
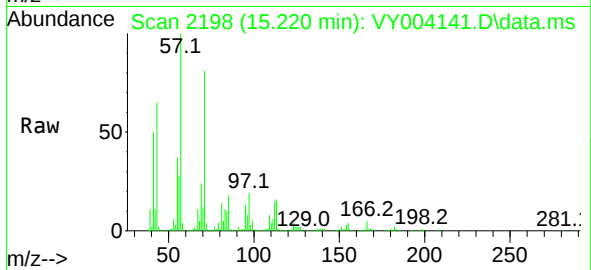




#95
Naphthalene
Concen: 1.60 ug/l
RT: 15.220 min Scan# 2198
Delta R.T. -0.019 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

Instrument :
MSVOA_Y
ClientSampleId :
FS-SB-15-21-22

Tgt Ion:128 Resp: 5279
Ion Ratio Lower Upper
128 100
127 504.8 10.6 16.0#
129 3.5 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 13.02 ug/l
RT: 15.446 min Scan# 2235
Delta R.T. 0.018 min
Lab File: VY004141.D
Acq: 19 Mar 2021 16:44

Tgt Ion:180 Resp: 18268
Ion Ratio Lower Upper
180 100
182 0.0 47.6 142.8#
145 0.0 15.3 45.9#

