

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
 Data File : VY005337.D
 Acq On : 02 Jul 2021 12:46
 Operator : SY/MD
 Sample : M2918-02
 Misc : 5.51G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-03-023-ABCD

Quant Time: Jul 05 01:04:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

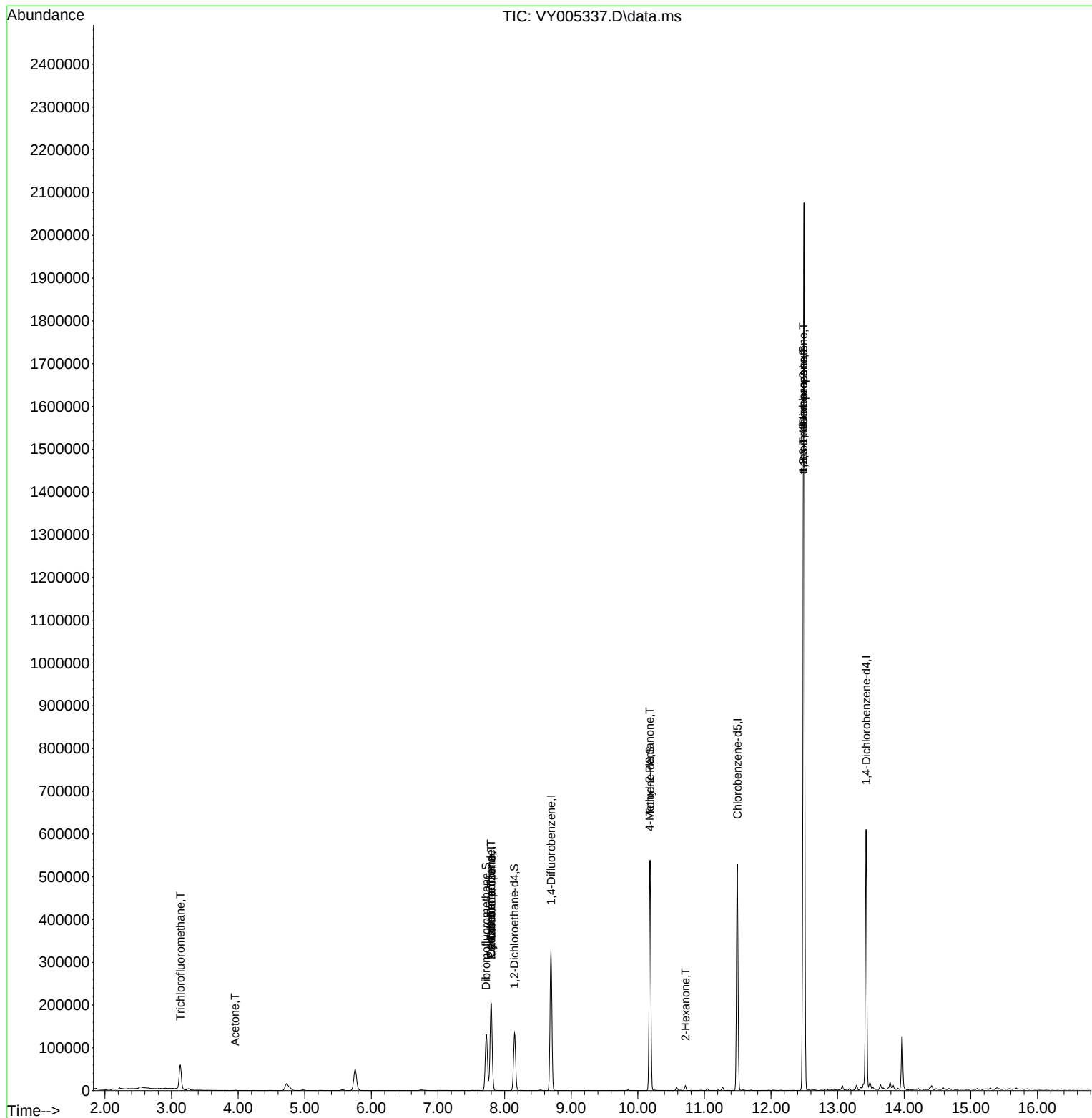
Internal Standards						
1) Pentafluorobenzene	7.801	168	175533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	288926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	296109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	104865	71.989	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.980%	
35) Dibromofluoromethane	7.722	113	93396	54.811	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.620%	
50) Toluene-d8	10.185	98	356226	52.276	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.560%	
62) 4-Bromofluorobenzene	12.483	95	136761	60.228	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.460%	
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.131	101	61367	26.118	ug/l	99
11) Tert butyl alcohol	4.972	59	2732	Below Cal	#	91
16) Acetone	3.954	43	1173	3.486	ug/l	95
20) Methylene Chloride	4.728	84	11957	Below Cal		96
31) Cyclohexane	7.795	56	3471	1.335	ug/l #	27
36) 1,1-Dichloropropene	7.801	75	11586	4.554	ug/l #	48
38) Carbon Tetrachloride	7.795	117	14537	5.458	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1476	1.169	ug/l #	1
59) 2-Hexanone	10.715	43	3835	4.418	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	76904	54.796	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76904	102.238	ug/l #	20

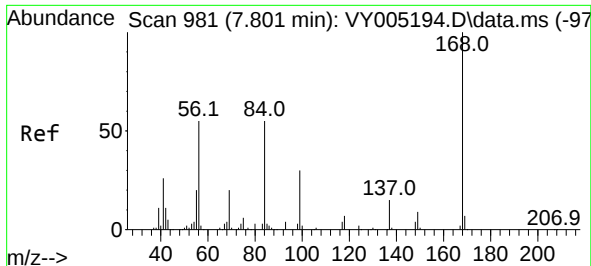
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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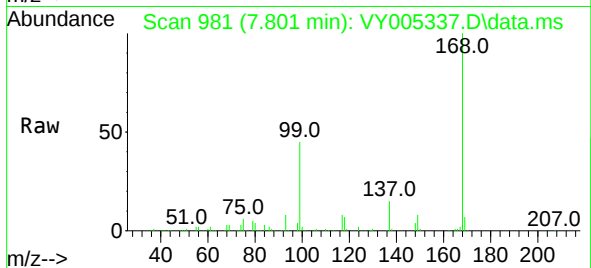
Quant Time: Jul 05 01:04:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
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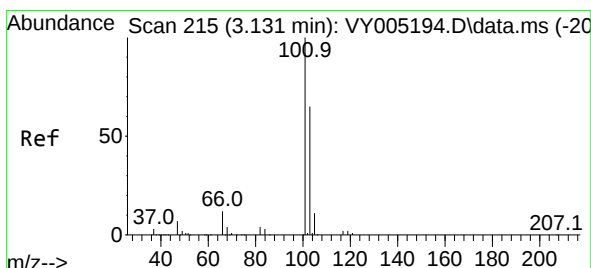
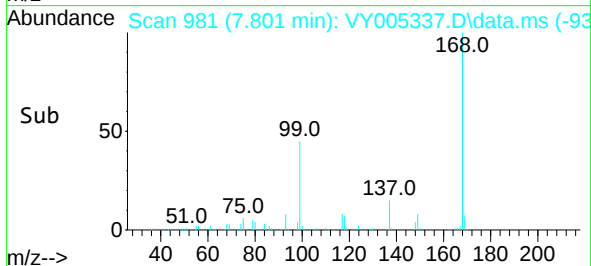
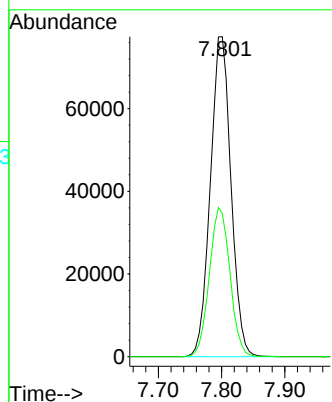


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005337.D
Acq: 02 Jul 2021 12:46

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-023-ABCD

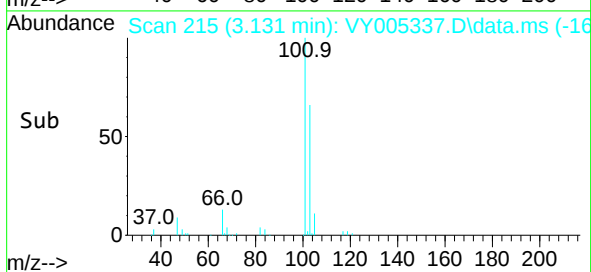
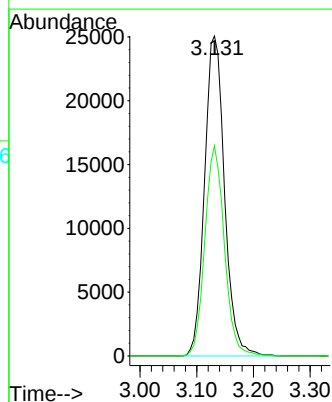
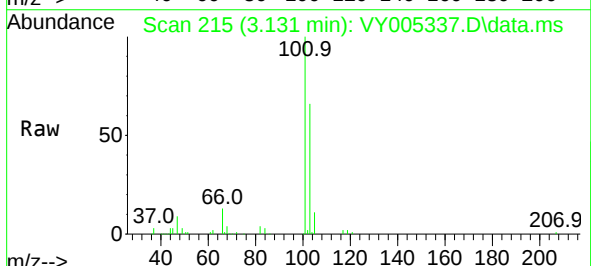


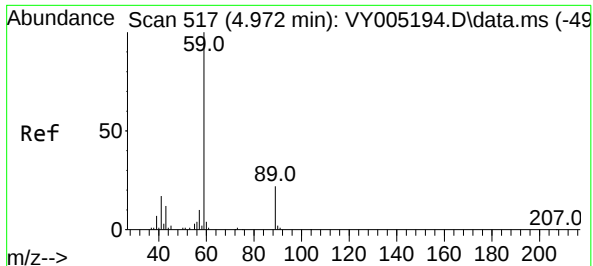
Tgt Ion:168 Resp: 175533
Ion Ratio Lower Upper
168 100
99 44.7 36.2 54.4



#7
Trichlorofluoromethane
Concen: 26.118 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY005337.D
Acq: 02 Jul 2021 12:46

Tgt Ion:101 Resp: 61367
Ion Ratio Lower Upper
101 100
103 65.7 52.0 78.0



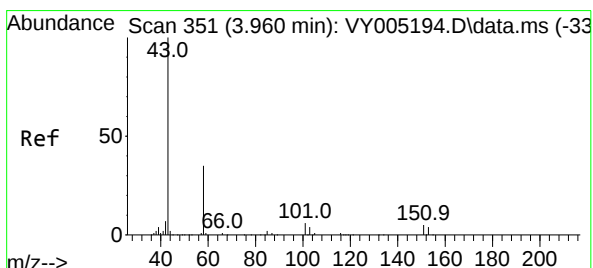
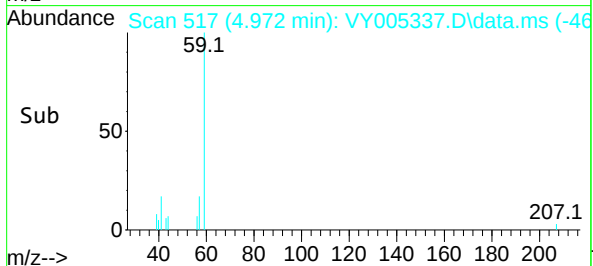
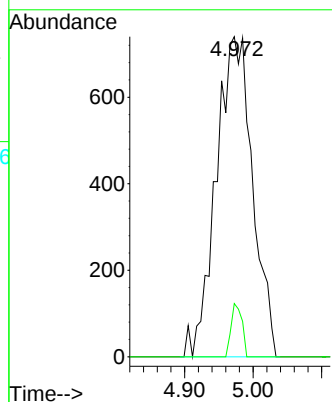
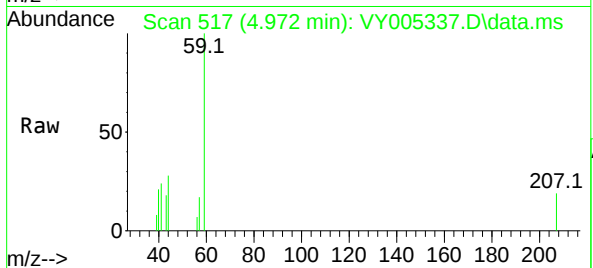


#11

Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY005337.D
Acq: 02 Jul 2021 12:46

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-023-ABCD

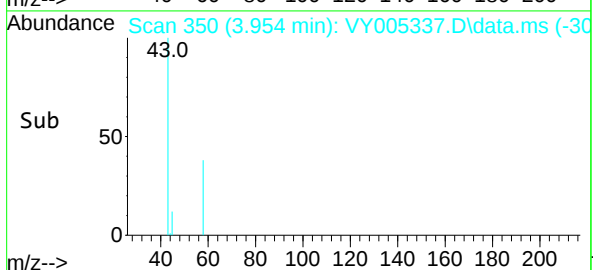
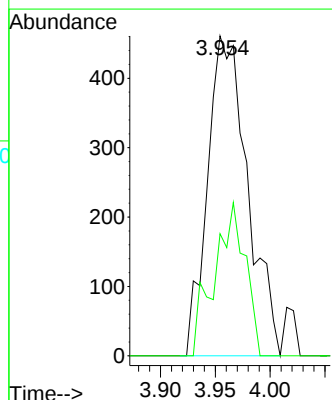
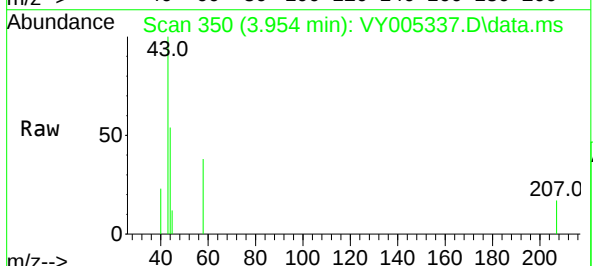
Tgt Ion: 59 Resp: 2732
Ion Ratio Lower Upper
59 100
57 4.9 6.5 9.7#

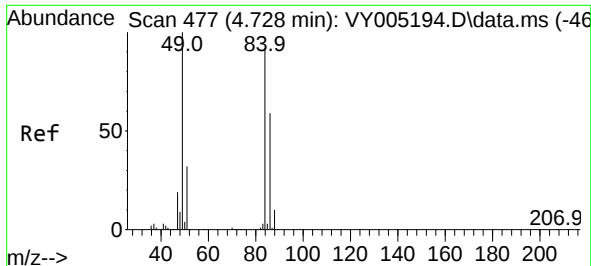


#16

Acetone
Concen: 3.486 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005337.D
Acq: 02 Jul 2021 12:46

Tgt Ion: 43 Resp: 1173
Ion Ratio Lower Upper
43 100
58 38.2 28.2 42.2

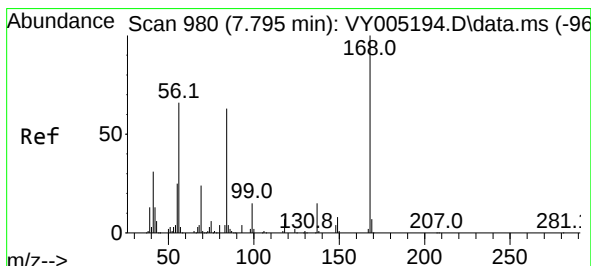
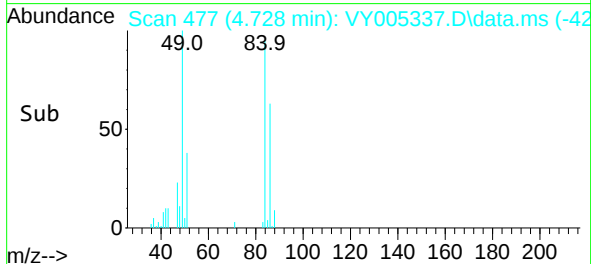
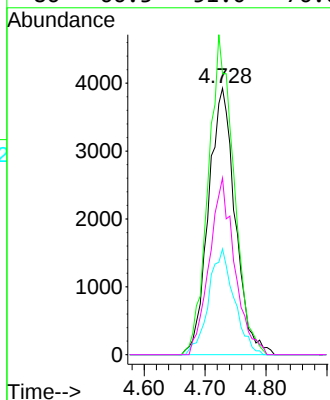
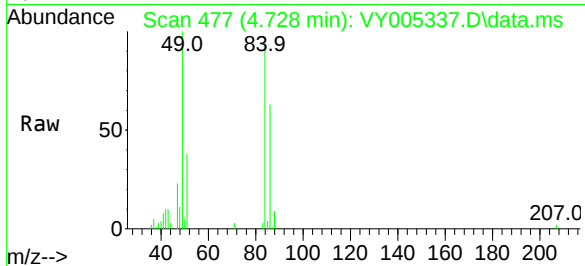




#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005337.D
Acq: 02 Jul 2021 12:46

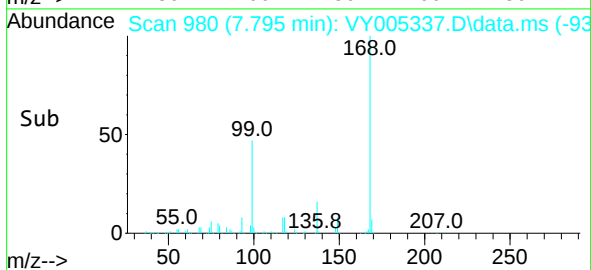
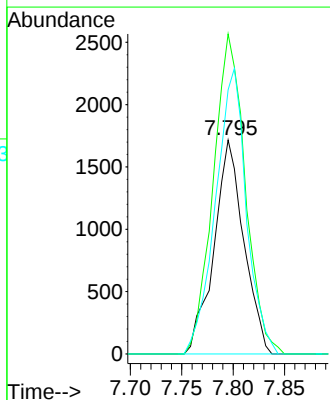
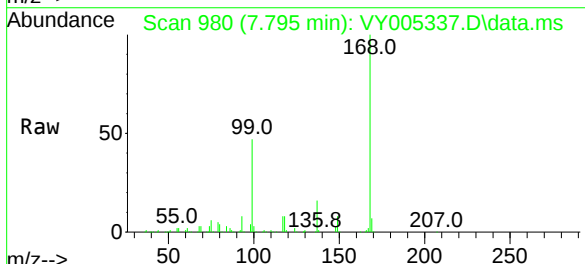
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-023-ABCD

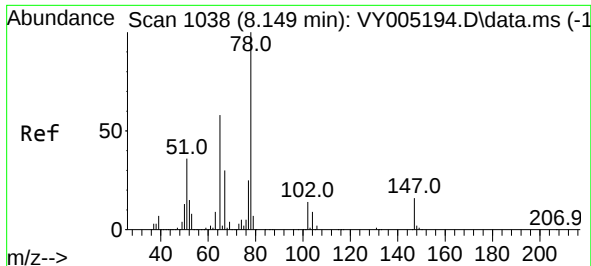
Tgt Ion:	84	Resp:	11957
Ion	Ratio	Lower	Upper
84	100		
49	105.5	86.9	130.3
51	39.7	27.4	41.2
86	66.3	51.0	76.6



#31
Cyclohexane
Concen: 1.335 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005337.D
Acq: 02 Jul 2021 12:46

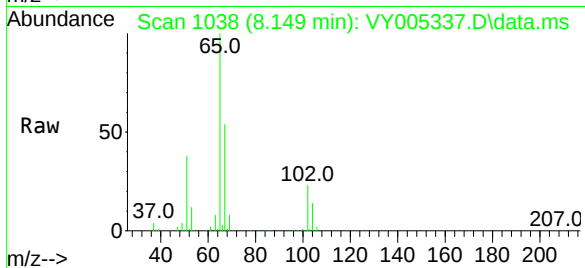
Tgt Ion:	56	Resp:	3471
Ion	Ratio	Lower	Upper
56	100		
69	149.6	29.6	44.4#
84	123.5	76.4	114.6#



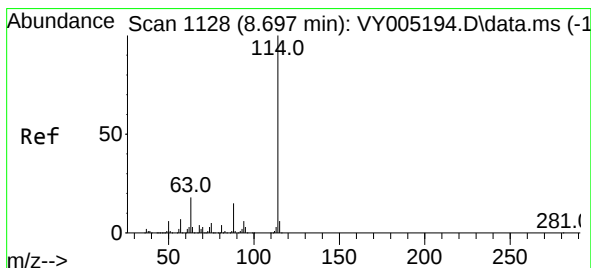
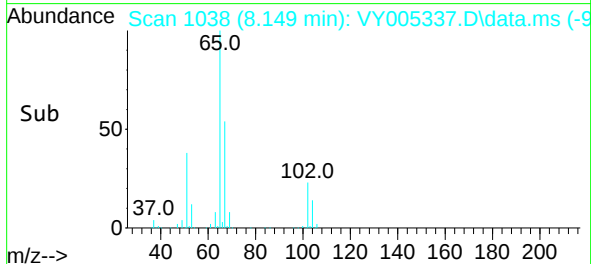
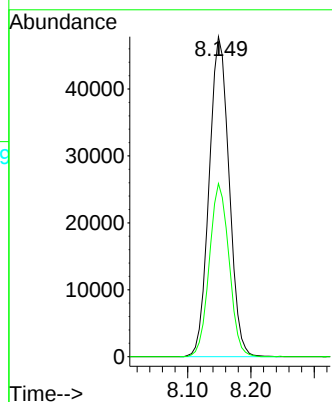


#33
1,2-Dichloroethane-d4
Concen: 71.989 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005337.D
Acq: 02 Jul 2021 12:46

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-023-ABCD

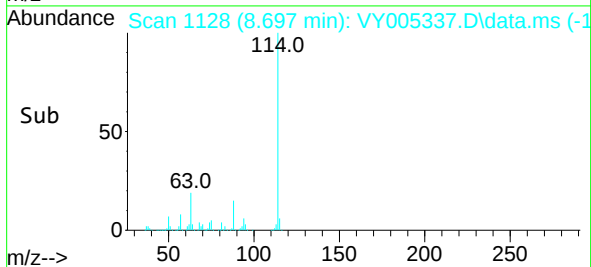
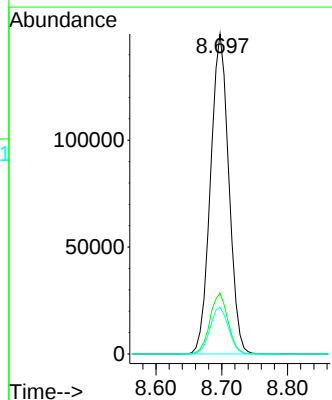
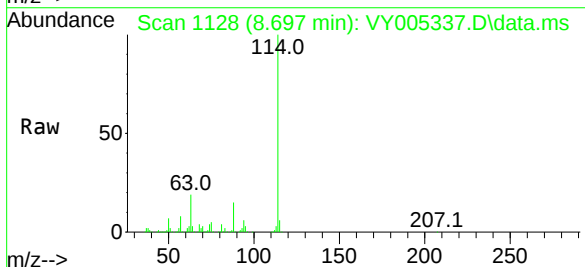


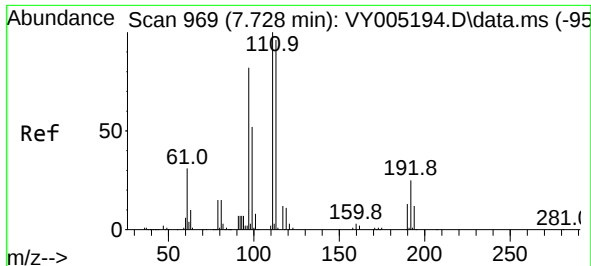
Tgt Ion: 65 Resp: 104865
Ion Ratio Lower Upper
65 100
67 53.2 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005337.D
Acq: 02 Jul 2021 12:46

Tgt Ion: 114 Resp: 288926
Ion Ratio Lower Upper
114 100
63 19.0 0.0 35.2
88 14.5 0.0 29.4

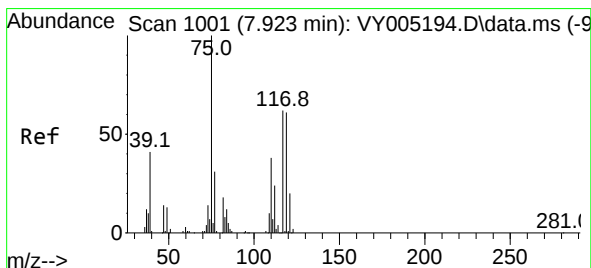
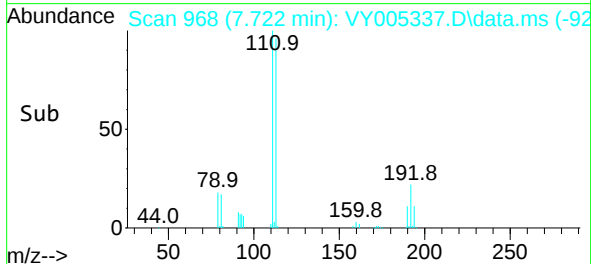
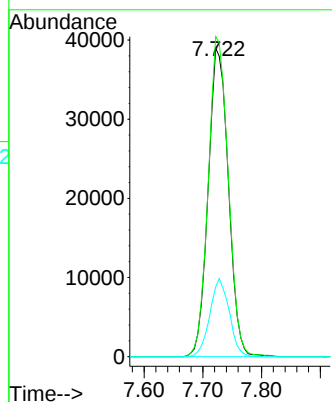
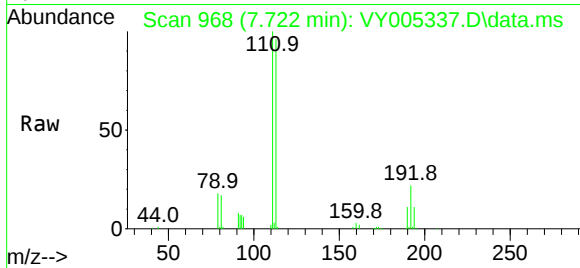




#35
Dibromofluoromethane
Concen: 54.811 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005337.D
Acq: 02 Jul 2021 12:46

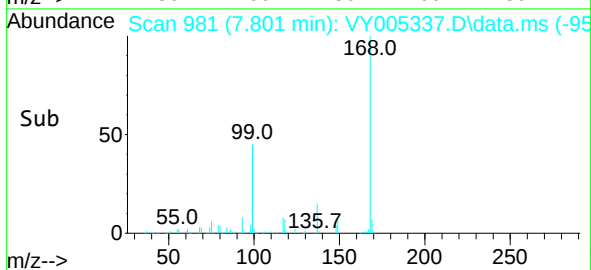
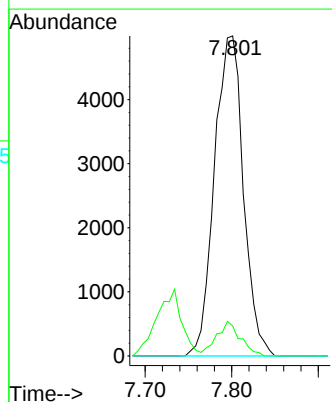
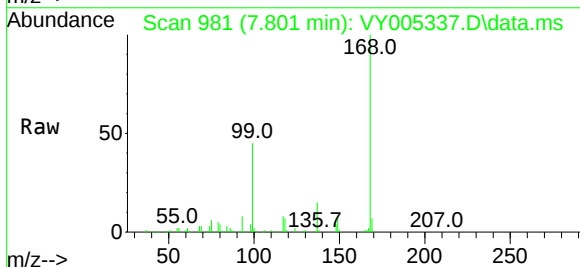
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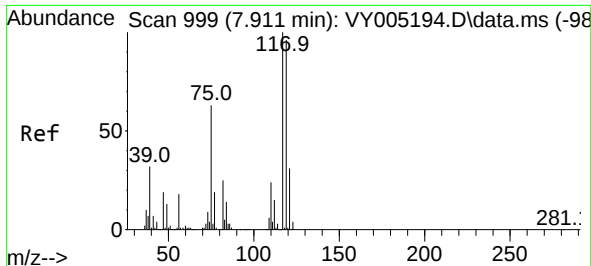
Tgt Ion:113 Resp: 93396
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 24.2 20.2 30.2



#36
1,1-Dichloropropene
Concen: 4.554 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005337.D
Acq: 02 Jul 2021 12:46

Tgt Ion: 75 Resp: 11586
Ion Ratio Lower Upper
75 100
110 8.9 19.1 57.5#
77 0.0 25.2 37.8#

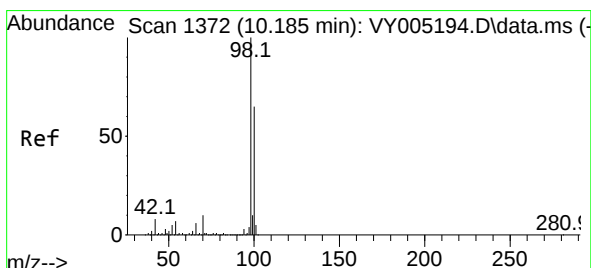
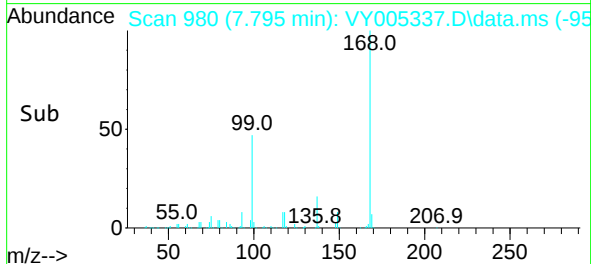
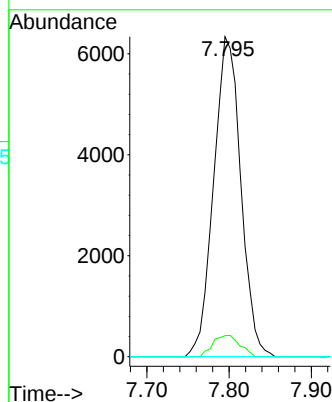
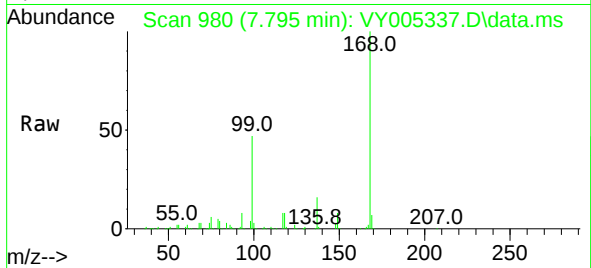




#38
Carbon Tetrachloride
Concen: 5.458 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005337.D
Acq: 02 Jul 2021 12:46

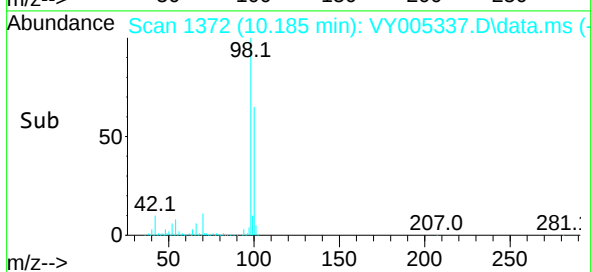
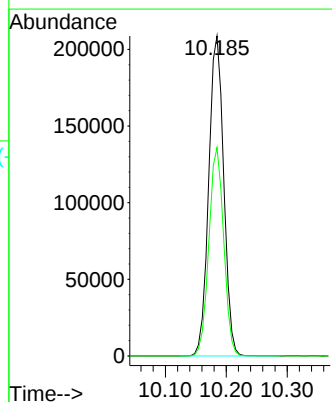
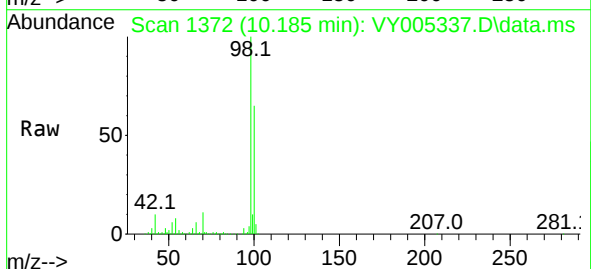
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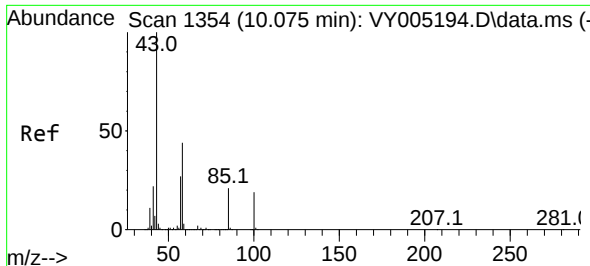
Tgt Ion:117 Resp: 14537
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.276 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005337.D
Acq: 02 Jul 2021 12:46

Tgt Ion: 98 Resp: 356226
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

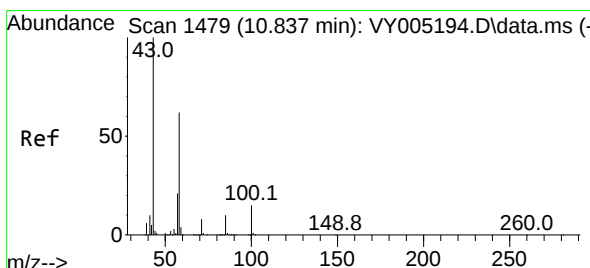
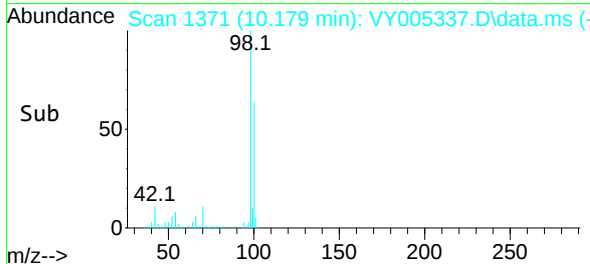
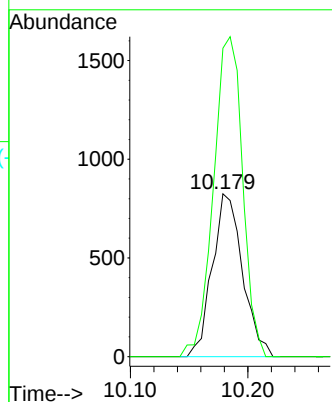
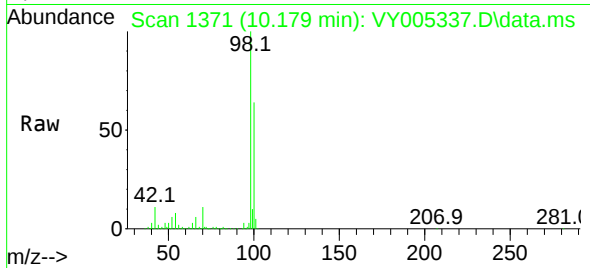




#51
4-Methyl-2-Pentanone
Concen: 1.169 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005337.D
Acq: 02 Jul 2021 12:46

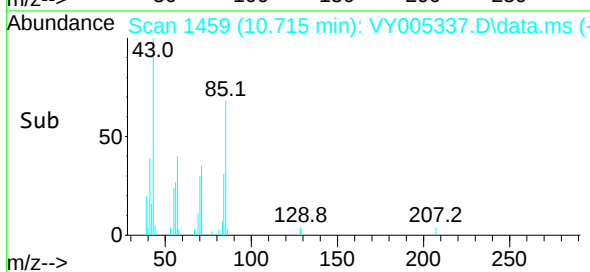
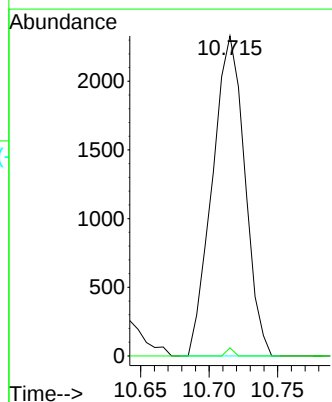
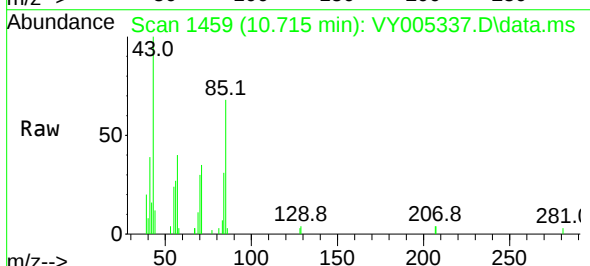
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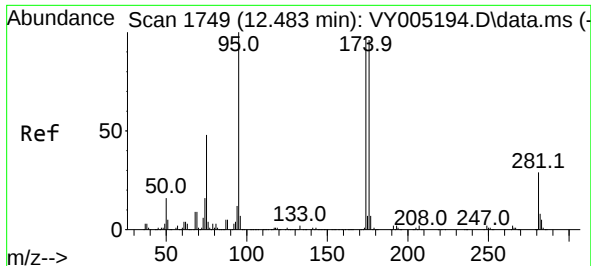
Tgt Ion: 43 Resp: 1476
Ion Ratio Lower Upper
43 100
58 189.1 35.3 52.9#



#59
2-Hexanone
Concen: 4.418 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.122 min
Lab File: VY005337.D
Acq: 02 Jul 2021 12:46

Tgt Ion: 43 Resp: 3835
Ion Ratio Lower Upper
43 100
58 0.6 30.8 92.4#

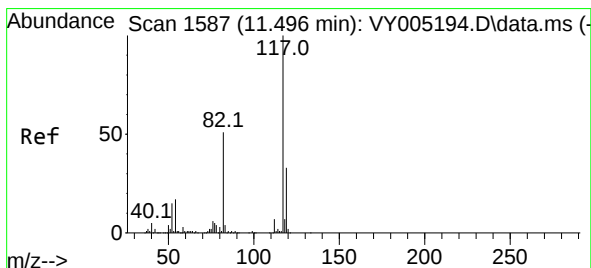
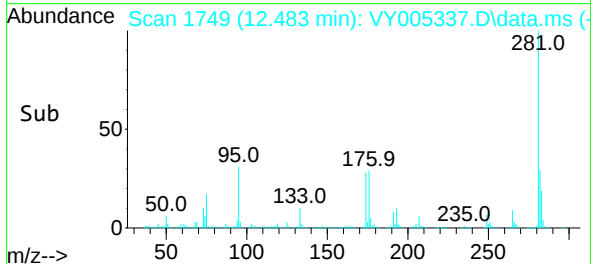
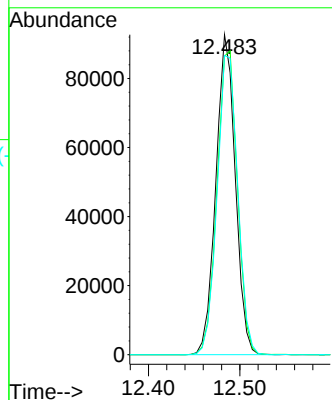
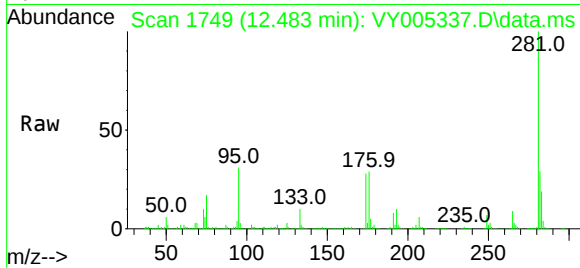




#62
4-Bromofluorobenzene
Concen: 60.228 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005337.D
Acq: 02 Jul 2021 12:46

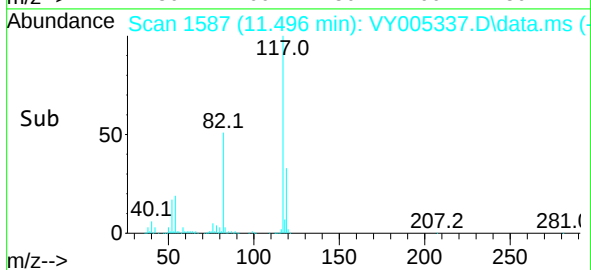
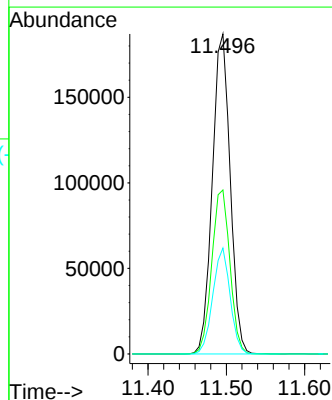
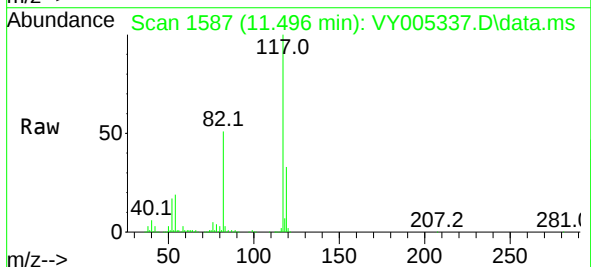
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-023-ABCD

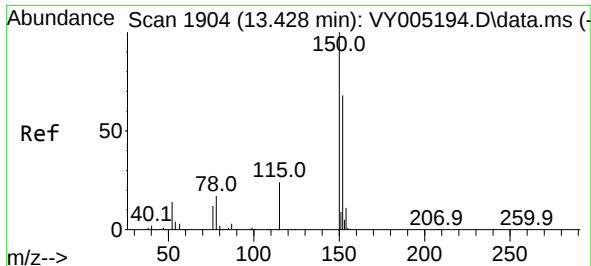
Tgt Ion: 95 Resp: 136761
Ion Ratio Lower Upper
95 100
174 99.9 0.0 201.6
176 99.3 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005337.D
Acq: 02 Jul 2021 12:46

Tgt Ion: 117 Resp: 296109
Ion Ratio Lower Upper
117 100
82 51.2 40.6 60.8
119 33.1 26.1 39.1

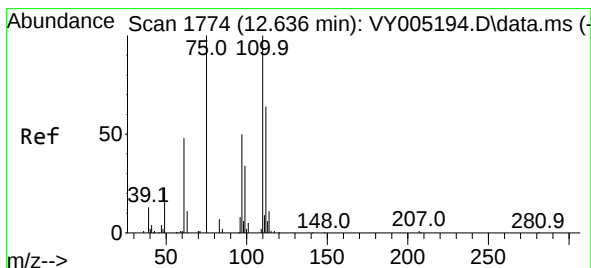
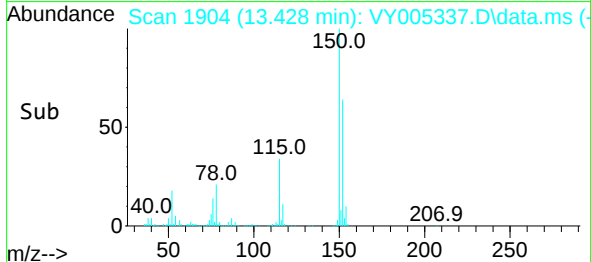
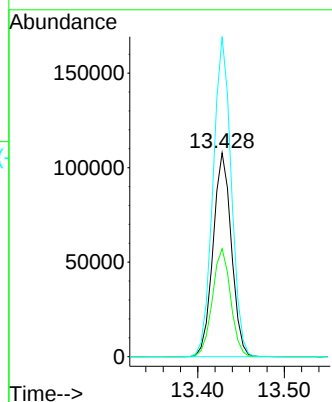
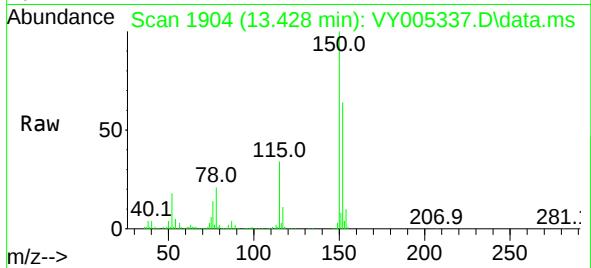




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005337.D
Acq: 02 Jul 2021 12:46

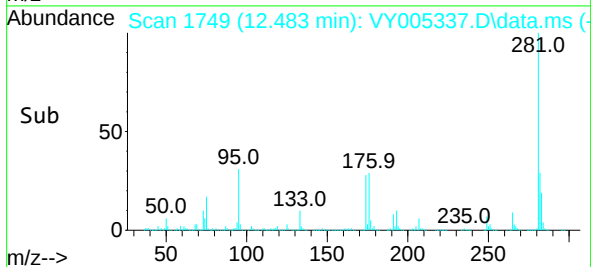
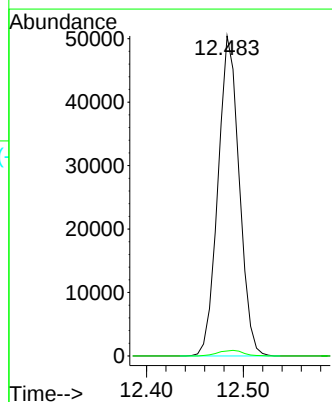
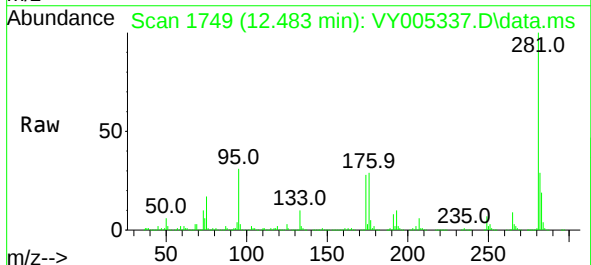
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-023-ABCD

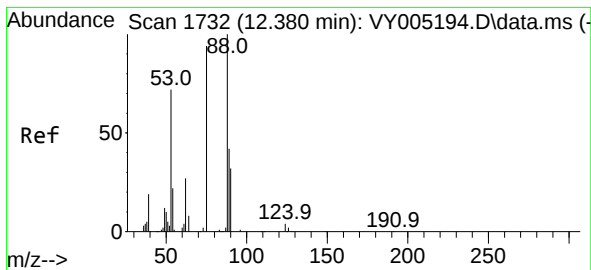
Tgt Ion:152 Resp: 158244
Ion Ratio Lower Upper
152 100
115 52.7 26.3 78.8
150 156.4 0.0 344.2



#76
1,2,3-Trichloropropane
Concen: 54.796 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005337.D
Acq: 02 Jul 2021 12:46

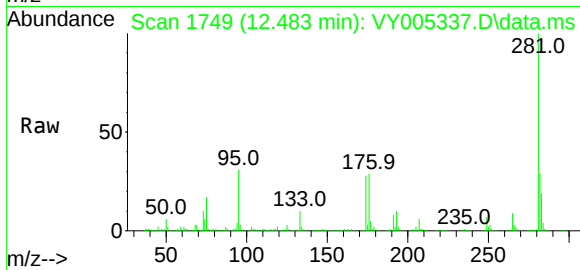
Tgt Ion: 75 Resp: 76904
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.238 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005337.D
 Acq: 02 Jul 2021 12:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-03-023-ABCD



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.3	63.0	94.4#
89	4.5	38.0	57.0#

