

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
 Data File : VY005336.D
 Acq On : 02 Jul 2021 12:23
 Operator : SY/MD
 Sample : M2917-02
 Misc : 6.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-04-017-ABCD

Quant Time: Jul 05 01:04:00 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)

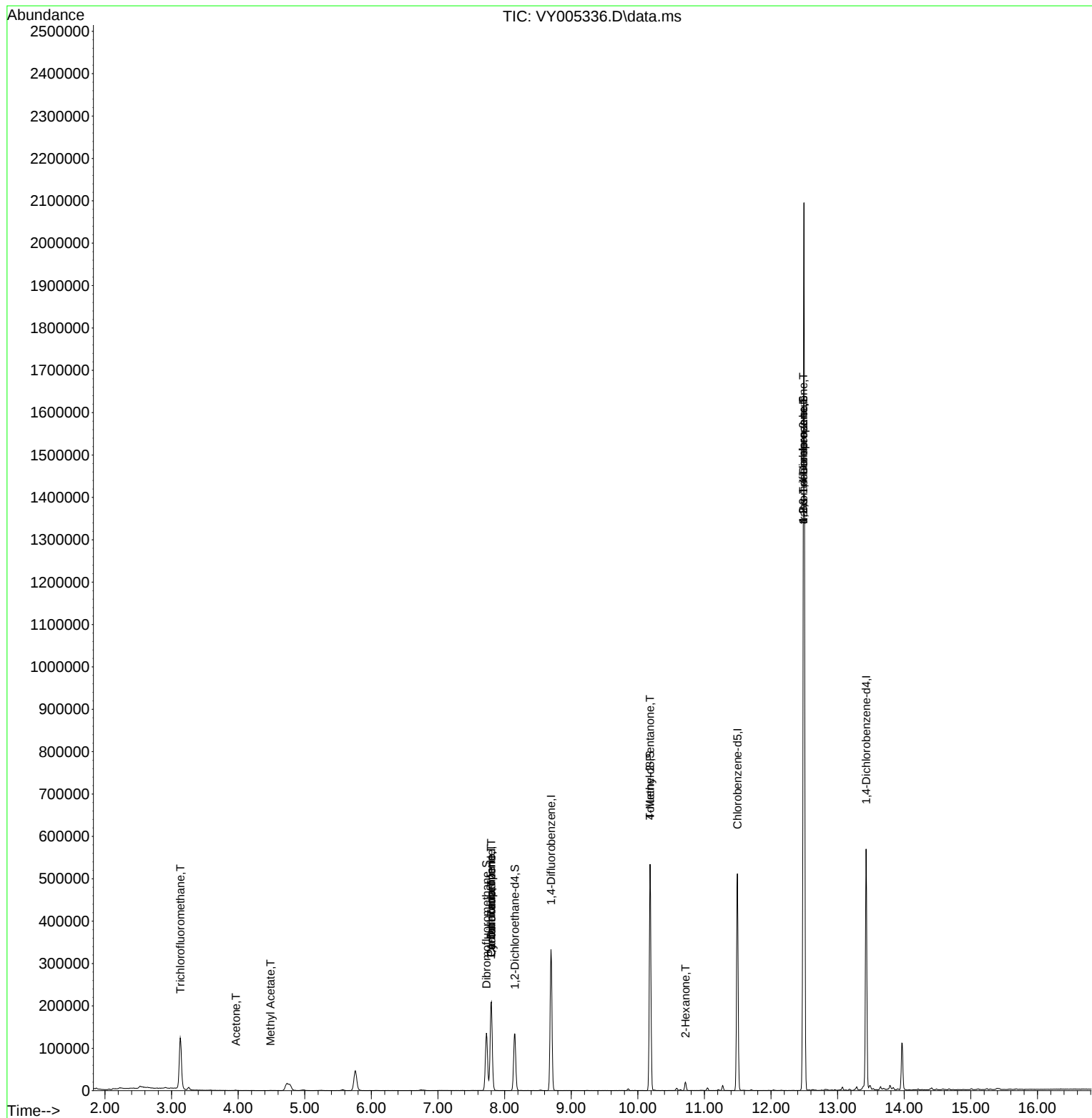
Internal Standards						
1) Pentafluorobenzene	7.801	168	178635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	292972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	283694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	107003	72.182	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 144.360%			
35) Dibromofluoromethane	7.728	113	93748	54.258	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.520%			
50) Toluene-d8	10.185	98	342451	49.561	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.120%			
62) 4-Bromofluorobenzene	12.483	95	131803	57.243	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.480%			
Target Compounds			Qvalue			
7) Trichlorofluoromethane	3.131	101	129911	54.330	ug/l	99
11) Tert butyl alcohol	4.997	59	2890	Below Cal	#	95
16) Acetone	3.966	43	1184	3.457	ug/l	94
18) Methyl Acetate	4.485	43	929	1.021	ug/l	# 69
20) Methylene Chloride	4.729	84	11145	Below Cal		95
31) Cyclohexane	7.801	56	3388	1.280	ug/l	# 17
36) 1,1-Dichloropropene	7.795	75	11867	4.600	ug/l	# 47
38) Carbon Tetrachloride	7.801	117	14943	5.533	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.185	43	1415	1.106	ug/l	# 1
59) 2-Hexanone	10.715	43	7104	8.070	ug/l	# 22
76) 1,2,3-Trichloropropane	12.483	75	74186	56.725	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	74186	105.836	ug/l	# 20

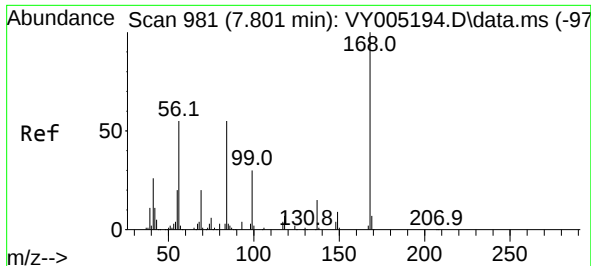
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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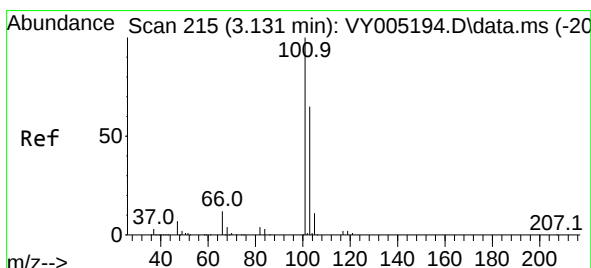
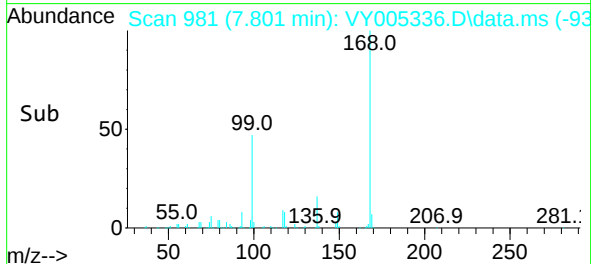
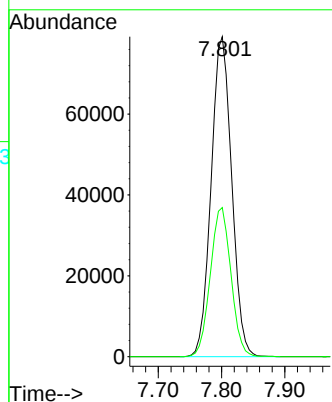
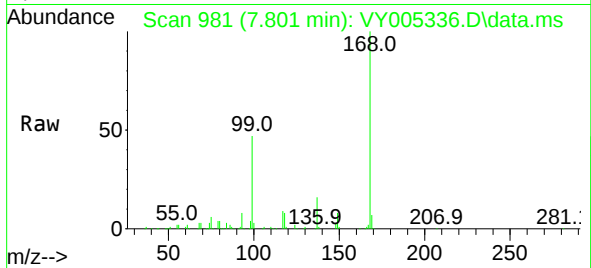




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

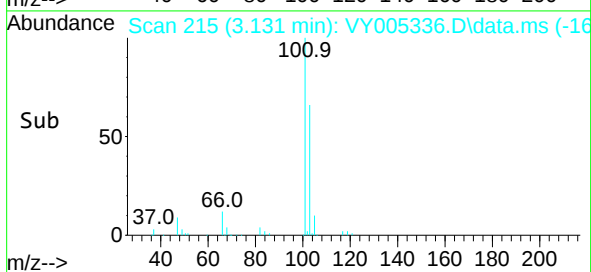
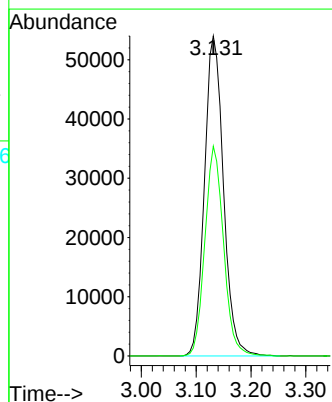
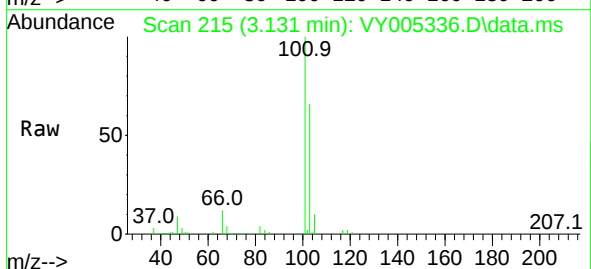
Instrument :
MSVOA_Y
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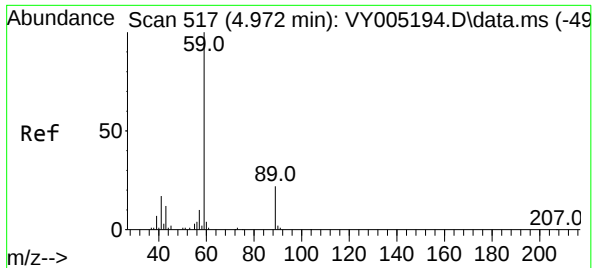
Tgt Ion:168 Resp: 178635
Ion Ratio Lower Upper
168 100
99 46.6 36.2 54.4



#7
Trichlorofluoromethane
Concen: 54.330 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

Tgt Ion:101 Resp: 129911
Ion Ratio Lower Upper
101 100
103 65.6 52.0 78.0

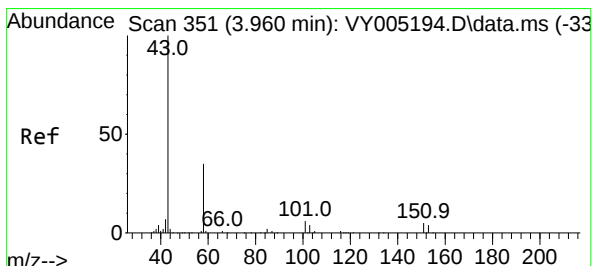
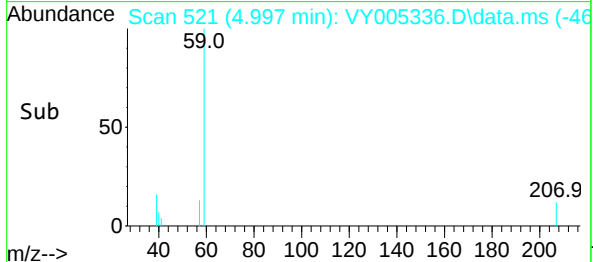
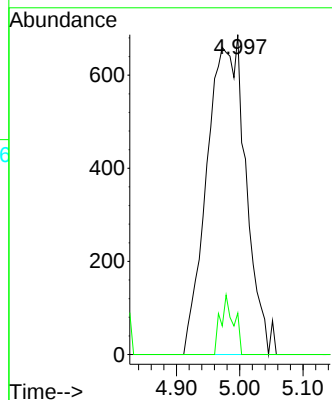
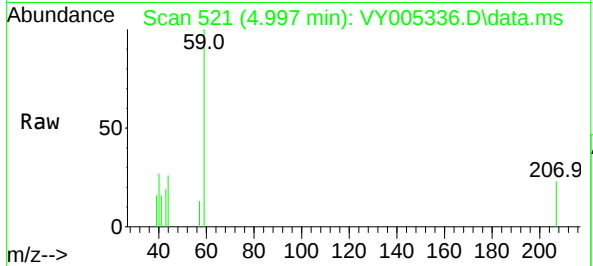




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.997 min Scan# 521
Delta R.T. 0.025 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

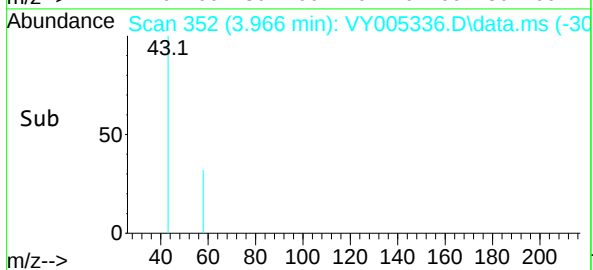
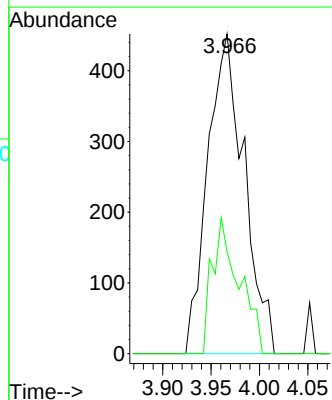
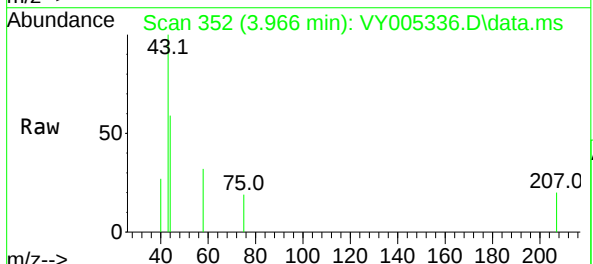
Instrument :
MSVOA_Y
ClientSampleId :
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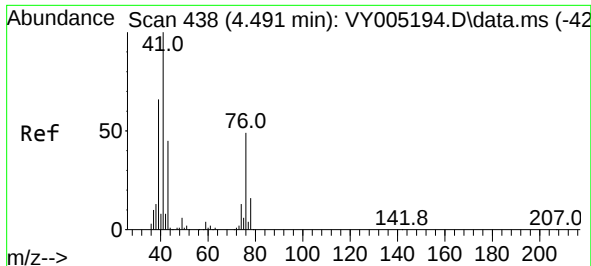
Tgt Ion: 59 Resp: 2890
Ion Ratio Lower Upper
59 100
57 6.4 6.5 9.7#



#16
Acetone
Concen: 3.457 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

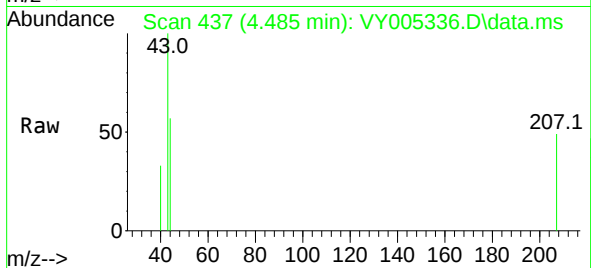
Tgt Ion: 43 Resp: 1184
Ion Ratio Lower Upper
43 100
58 31.9 28.2 42.2



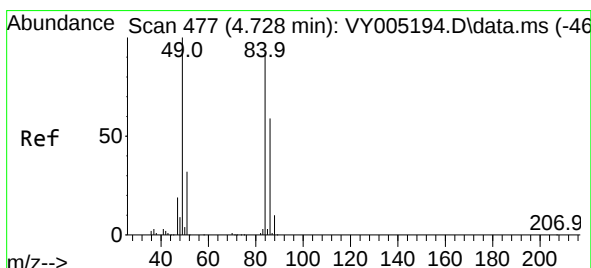
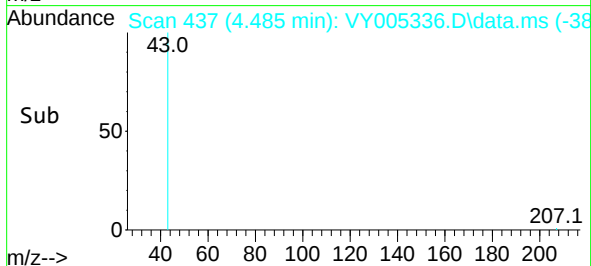
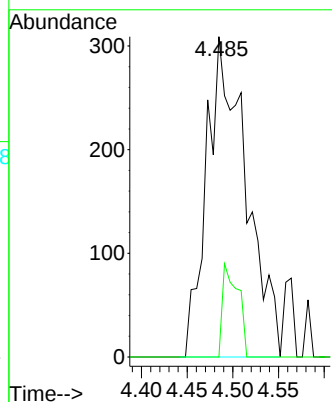


#18
Methyl Acetate
Concen: 1.021 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-04-017-ABCD

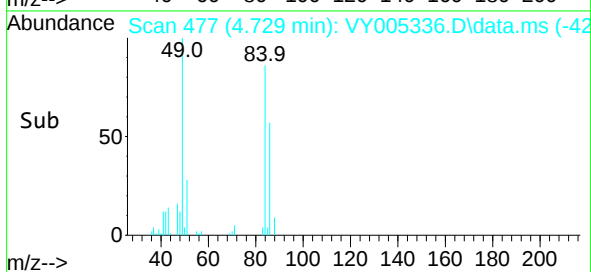
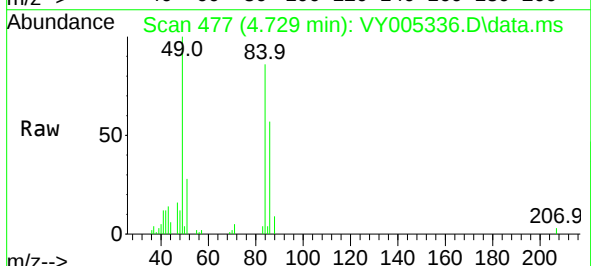
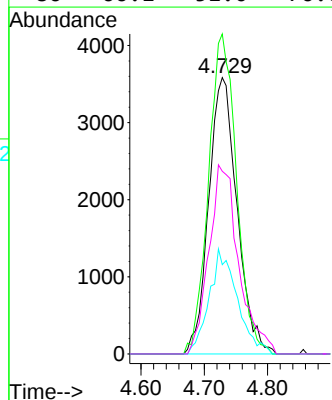


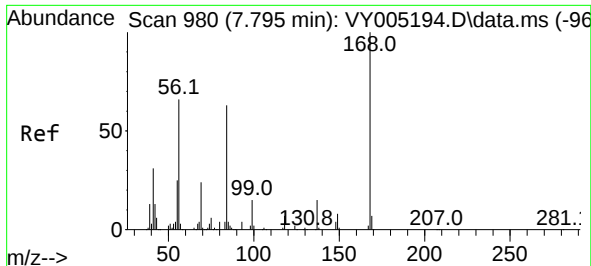
Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
74 11.5 22.5 33.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

Tgt Ion: 84 Resp: 11145
Ion Ratio Lower Upper
84 100
49 115.8 86.9 130.3
51 32.3 27.4 41.2
86 66.1 51.0 76.6

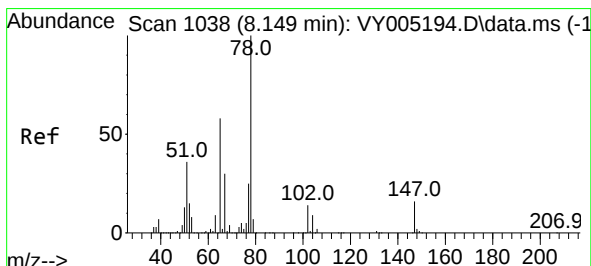
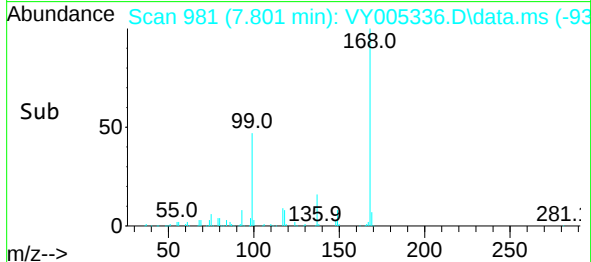
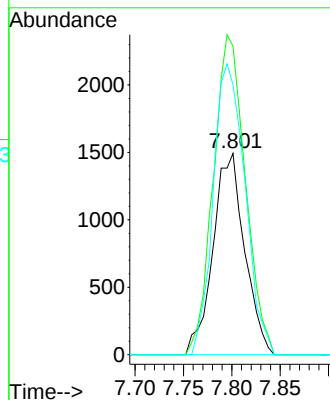
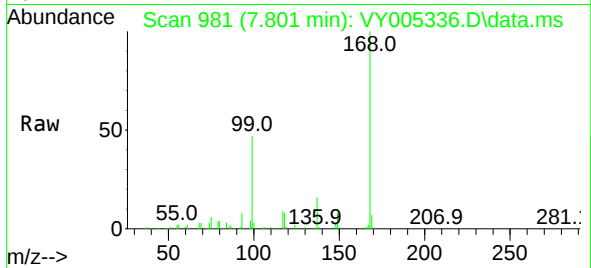




#31
Cyclohexane
Concen: 1.280 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

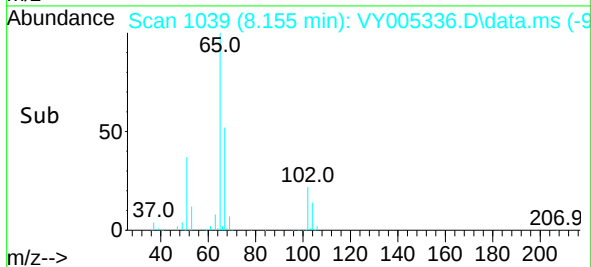
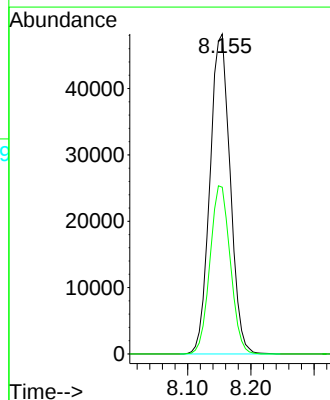
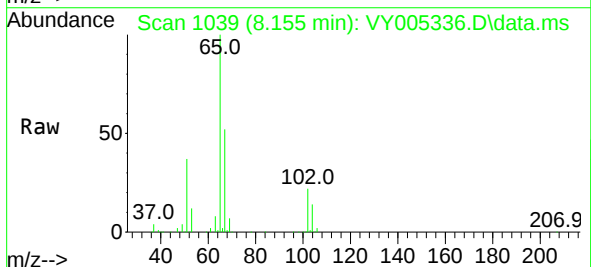
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-04-017-ABCD

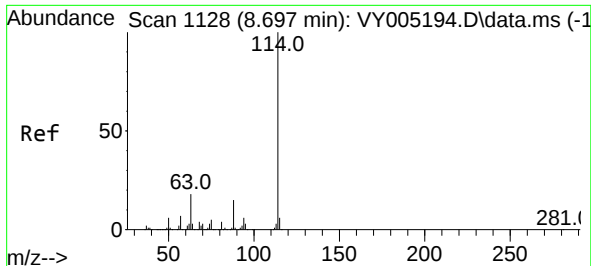
Tgt Ion: 56 Resp: 3388
Ion Ratio Lower Upper
56 100
69 153.1 29.6 44.4#
84 134.1 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 72.182 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

Tgt Ion: 65 Resp: 107003
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.6

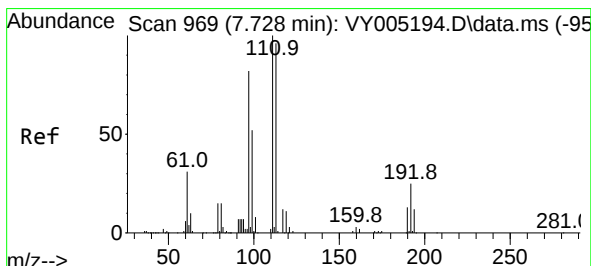
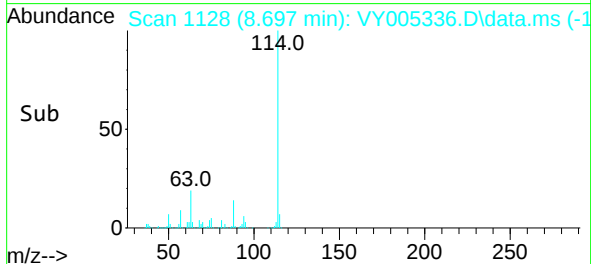
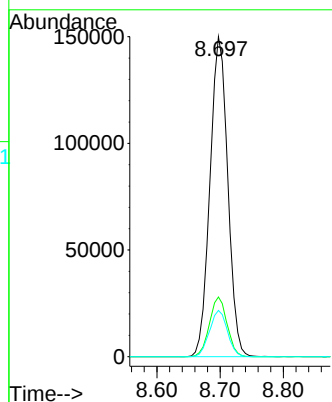
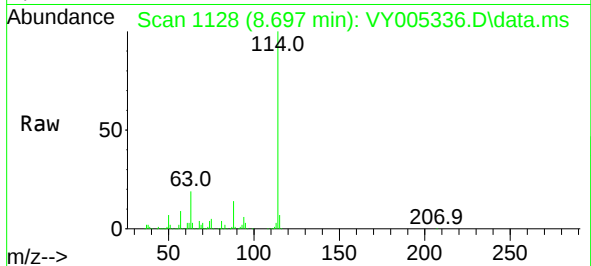




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

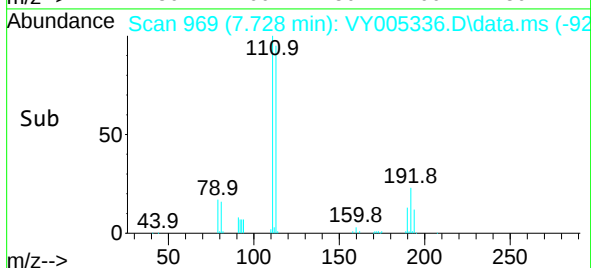
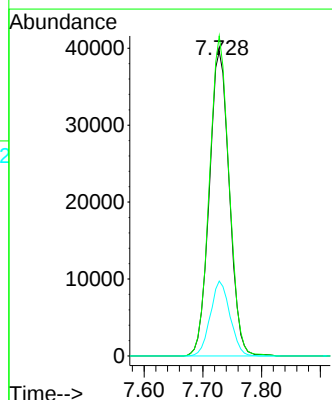
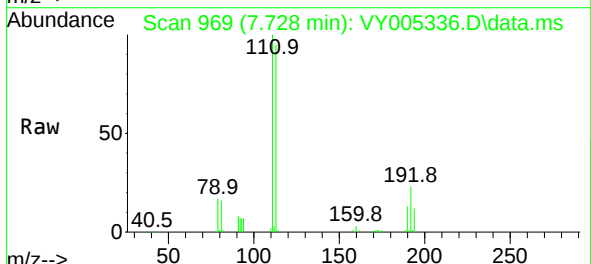
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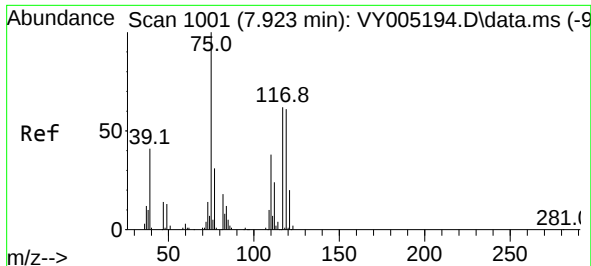
Tgt Ion:114 Resp: 292972
Ion Ratio Lower Upper
114 100
63 18.6 0.0 35.2
88 14.5 0.0 29.4



#35
Dibromofluoromethane
Concen: 54.258 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

Tgt Ion:113 Resp: 93748
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 24.1 20.2 30.2

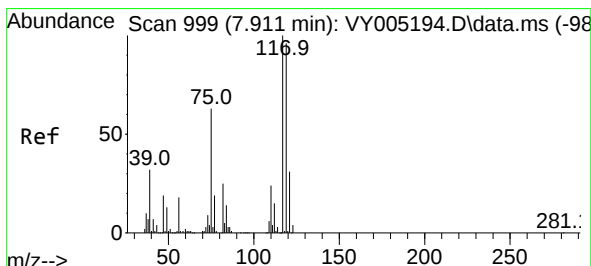
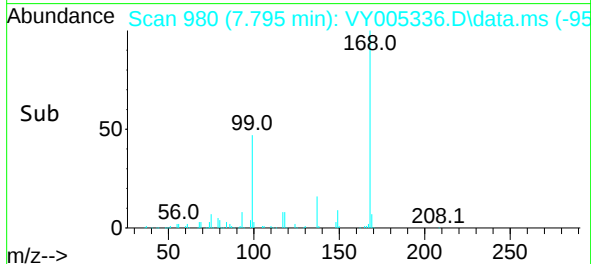
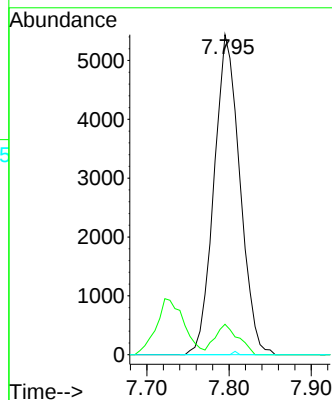
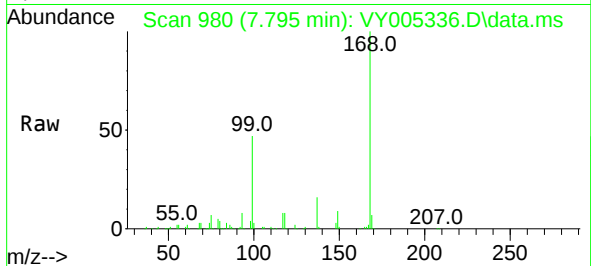




#36
1,1-Dichloropropene
Concen: 4.600 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

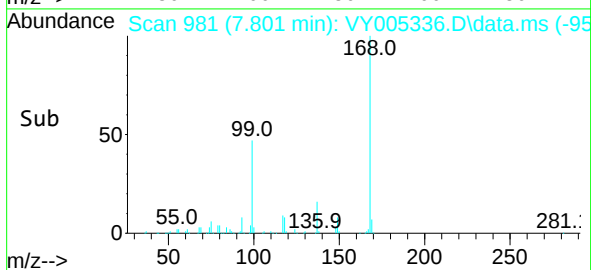
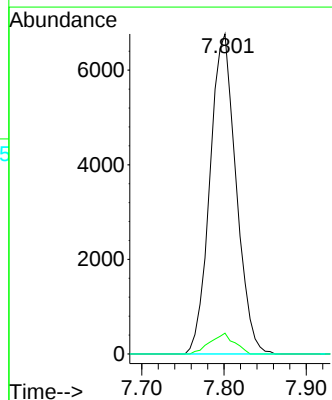
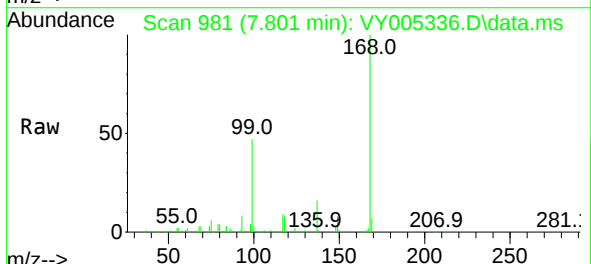
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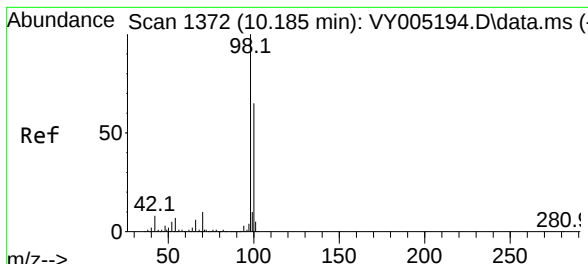
Tgt Ion: 75 Resp: 11867
Ion Ratio Lower Upper
75 100
110 8.5 19.1 57.5#
77 0.2 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.533 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

Tgt Ion: 117 Resp: 14943
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.4#
121 0.0 24.7 37.1#

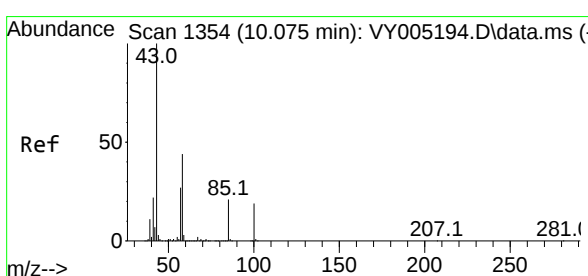
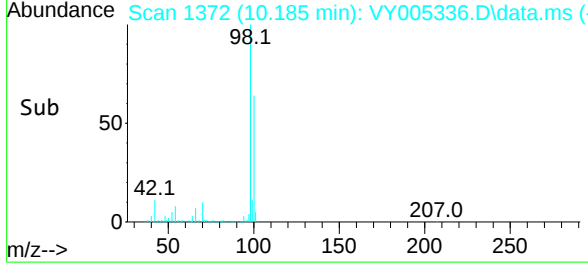
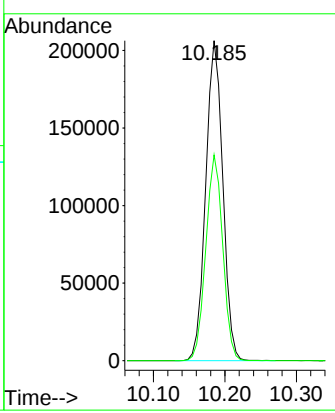
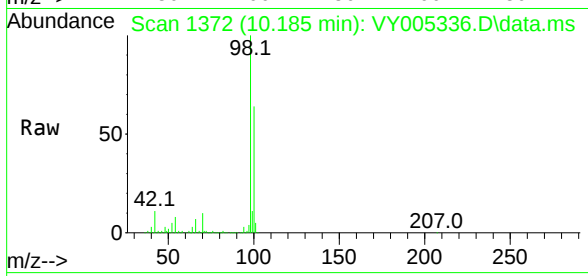




#50
Toluene-d8
Concen: 49.561 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

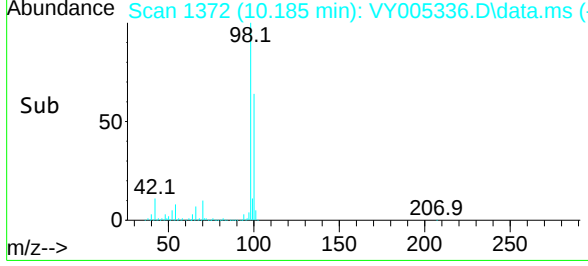
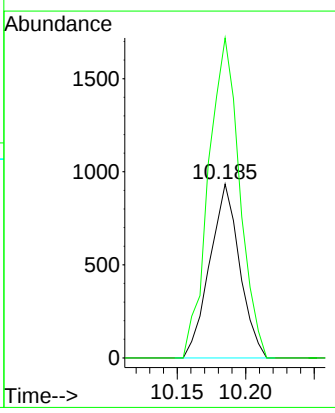
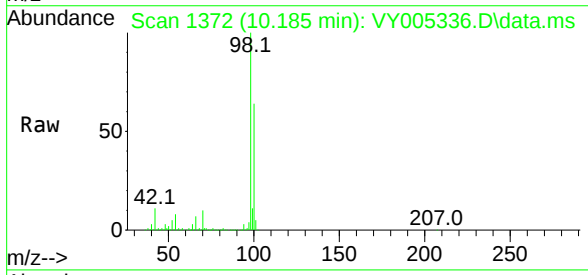
Instrument :
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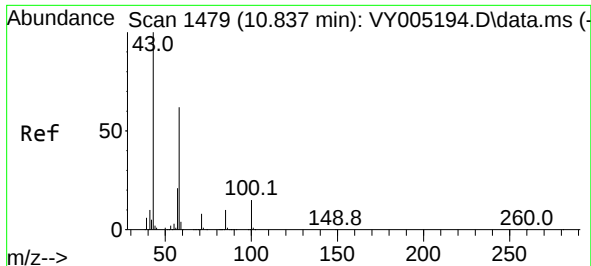
Tgt Ion:	98	Resp:	342451
Ion Ratio	Lower	Upper	
98	100		
100	63.8	51.9	77.9



#51
4-Methyl-2-Pentanone
Concen: 1.106 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

Tgt Ion:	43	Resp:	1415
Ion Ratio	Lower	Upper	
43	100		
58	191.4	35.3	52.9#

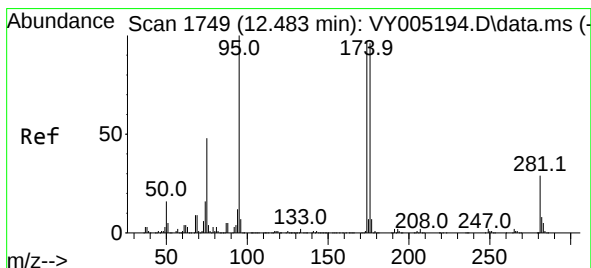
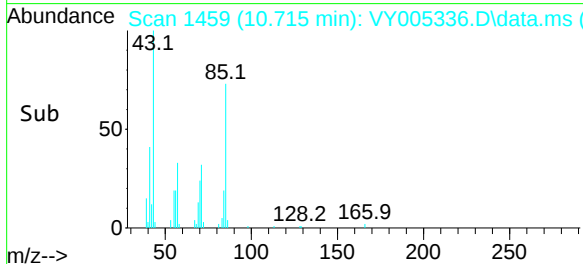
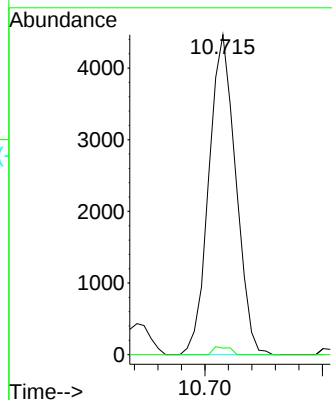
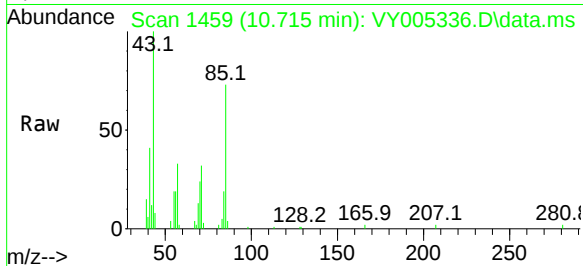




#59
2-Hexanone
Concen: 8.070 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.122 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

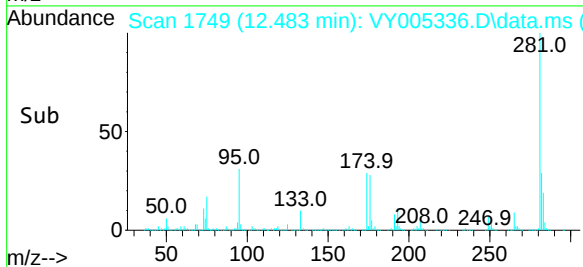
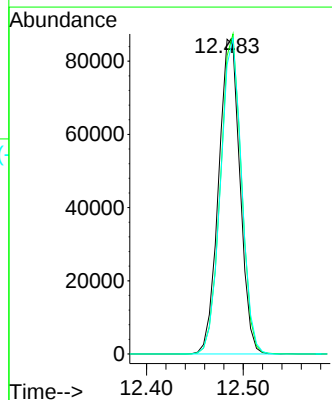
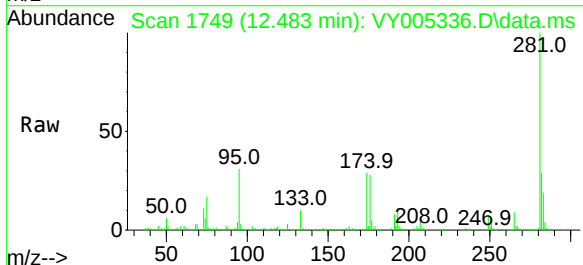
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-04-017-ABCD

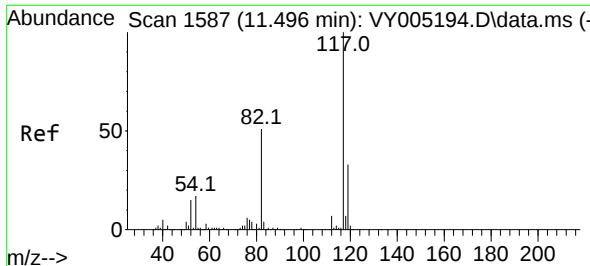
Tgt Ion: 43 Resp: 7104
Ion Ratio Lower Upper
43 100
58 1.5 30.8 92.4#



#62
4-Bromofluorobenzene
Concen: 57.243 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

Tgt Ion: 95 Resp: 131803
Ion Ratio Lower Upper
95 100
174 99.0 0.0 201.6
176 98.4 0.0 197.4

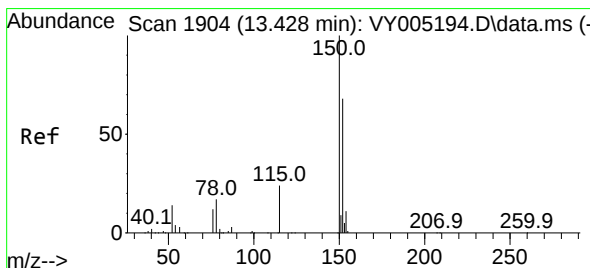
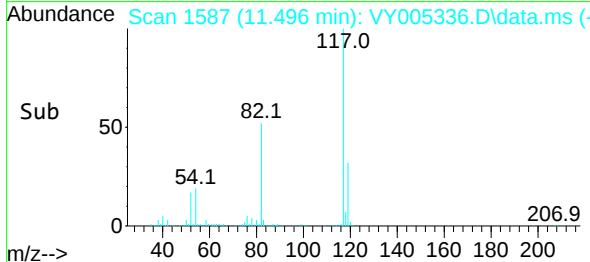
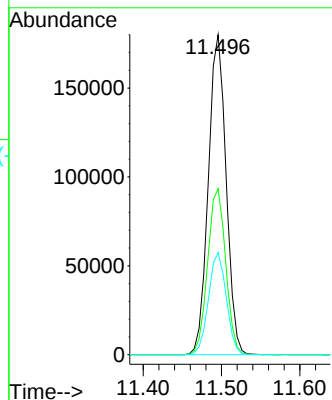
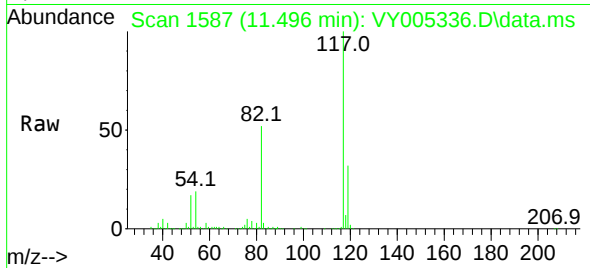




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

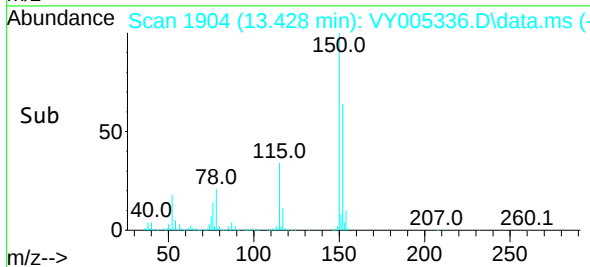
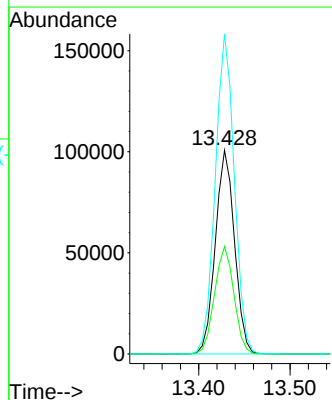
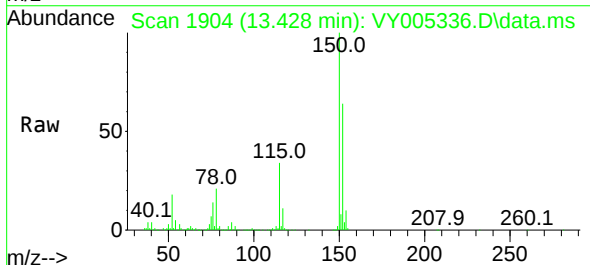
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-04-017-ABCD

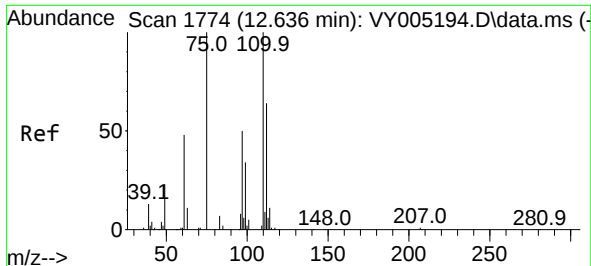
Tgt Ion:117 Resp: 283694
Ion Ratio Lower Upper
117 100
82 51.9 40.6 60.8
119 31.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

Tgt Ion:152 Resp: 147461
Ion Ratio Lower Upper
152 100
115 53.1 26.3 78.8
150 156.2 0.0 344.2

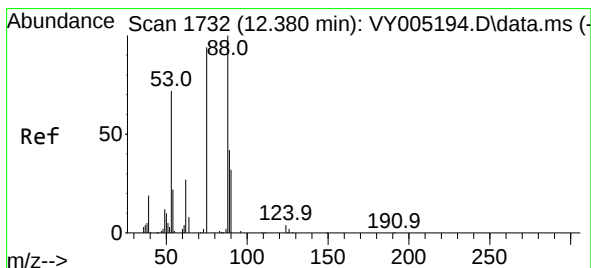
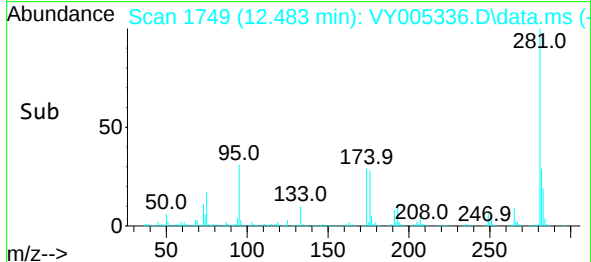
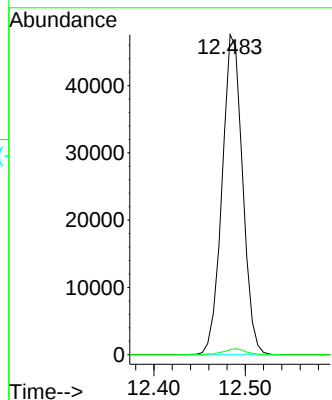
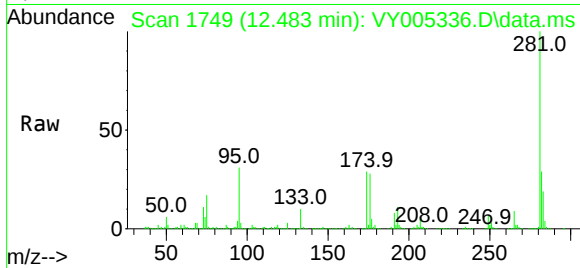




#76
1,2,3-Trichloropropane
Concen: 56.725 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-04-017-ABCD

Tgt Ion: 75 Resp: 74186
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.836 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005336.D
Acq: 02 Jul 2021 12:23

Tgt Ion: 75 Resp: 74186
Ion Ratio Lower Upper
75 100
53 0.2 63.0 94.4#
89 4.6 38.0 57.0#

