

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
 Data File : VU043031.D
 Acq On : 12 Apr 2021 18:19
 Operator : SY/MD
 Sample : M1946-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FS-SB10

Quant Time: Apr 13 05:15:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

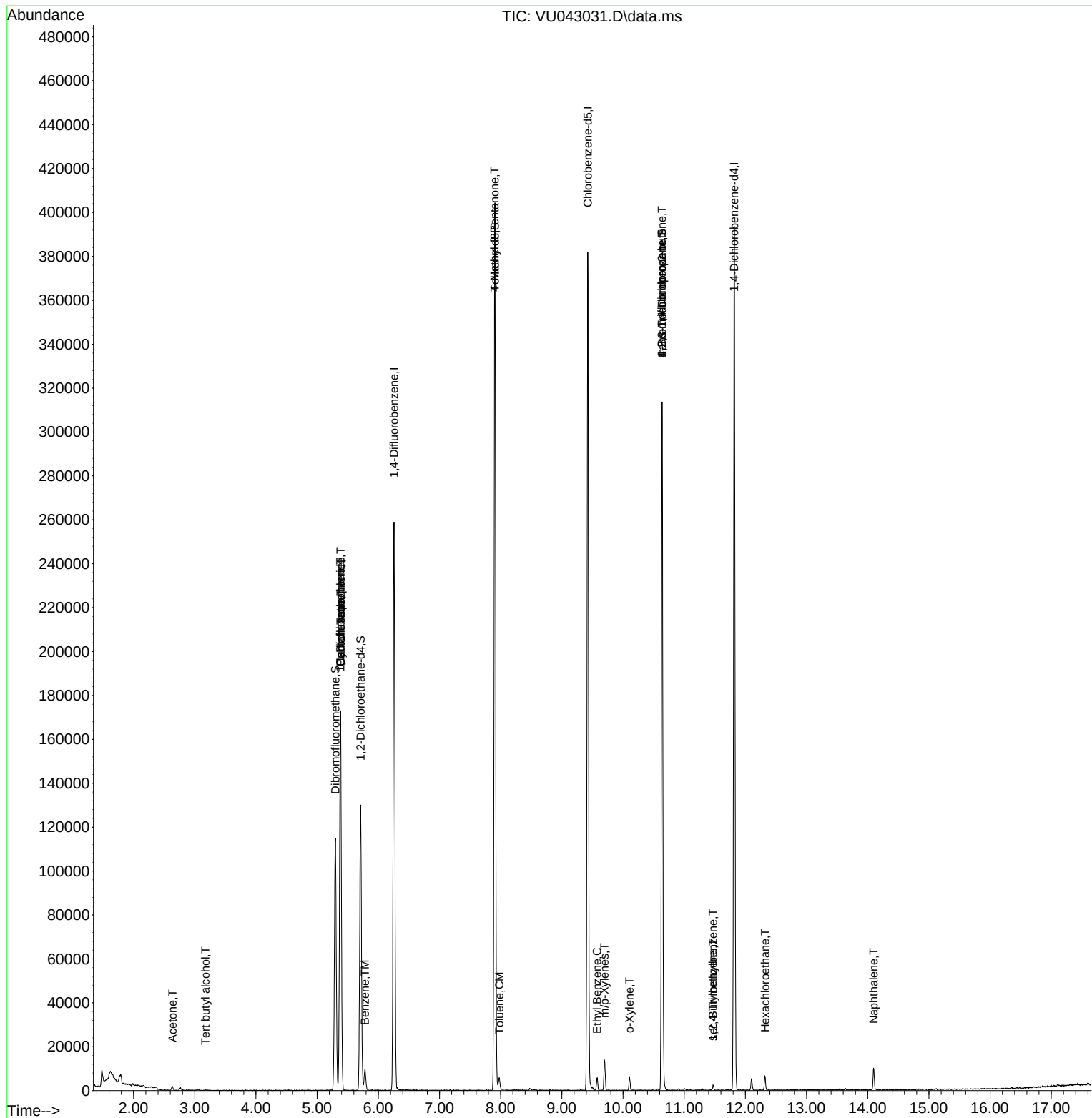
Internal Standards						
1) Pentafluorobenzene	5.382	168	117627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	193495	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	188347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	94291	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	98440	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
35) Dibromofluoromethane	5.298	113	69372	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
50) Toluene-d8	7.906	98	248498	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	10.639	95	91341	44.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.68%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	457	Below Cal	#	41
11) Tert butyl alcohol	3.176	59	288	0.57 ug/l	#	94
16) Acetone	2.639	43	2121	1.52 ug/l		99
31) Cyclohexane	5.382	56	3032	1.24 ug/l	#	33
36) 1,1-Dichloropropene	5.378	75	9524	4.64 ug/l	#	53
38) Carbon Tetrachloride	5.382	117	11977	5.44 ug/l	#	15
40) Benzene	5.780	78	7577	1.29 ug/l		91
51) 4-Methyl-2-Pentanone	7.903	43	1542	0.42 ug/l	#	1
52) Toluene	7.980	92	2017	0.55 ug/l		93
67) Ethyl Benzene	9.578	91	4119	0.57 ug/l		94
68) m/p-Xylenes	9.697	106	3448	1.28 ug/l		100
69) o-Xylene	10.105	106	1351	0.51 ug/l		81
76) 1,2,3-Trichloropropane	10.639	75	52377	19.01 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	10.639	75	52377	55.86 ug/l	#	7
84) 1,2,4-Trimethylbenzene	11.472	105	1484	0.26 ug/l		85
85) sec-Butylbenzene	11.472	105	1484	0.23 ug/l	#	56
90) Hexachloroethane	12.324	117	230	0.21 ug/l	#	6
95) Naphthalene	14.095	128	7798	3.82 ug/l		97

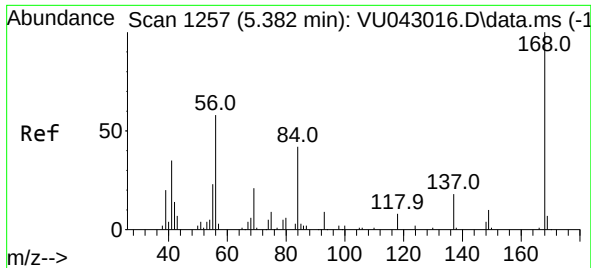
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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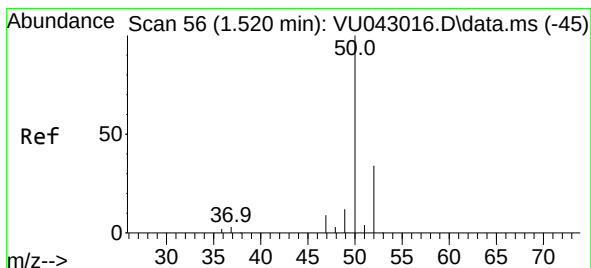
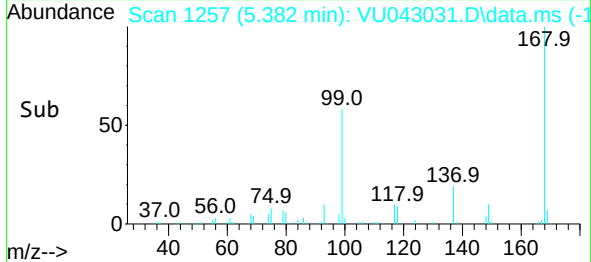
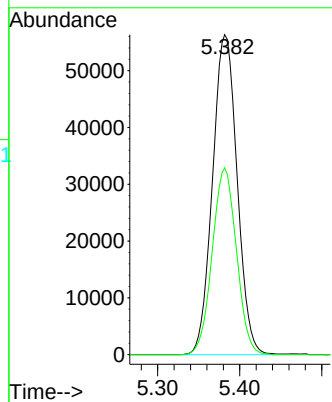
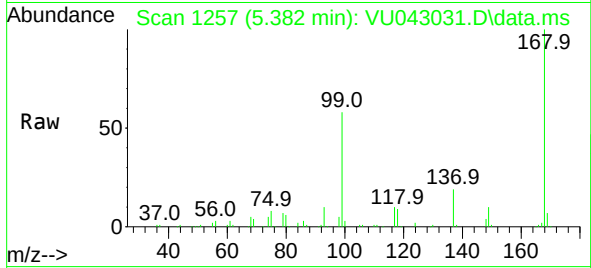




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043031.D
Acq: 12 Apr 2021 18:19

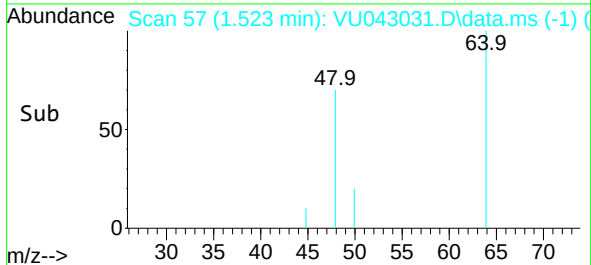
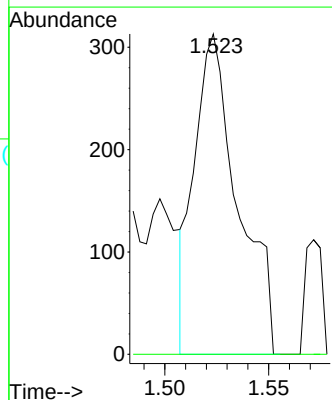
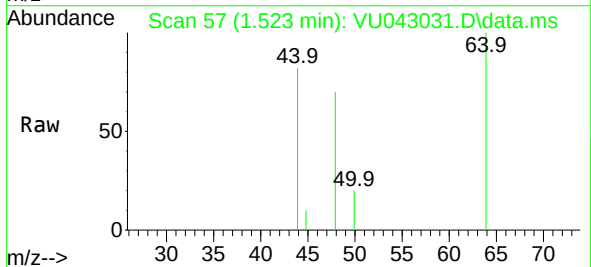
Instrument :
MSVOA_U
ClientSampleId :
FS-SB10

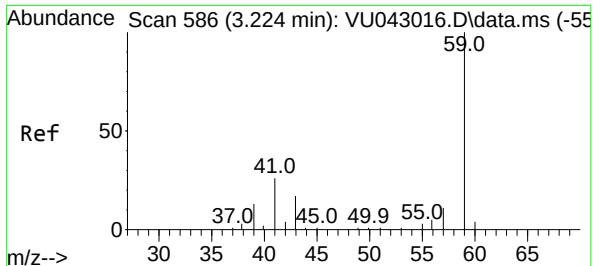
Tgt Ion:168 Resp: 117627
Ion Ratio Lower Upper
168 100
99 58.4 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043031.D
Acq: 12 Apr 2021 18:19

Tgt Ion: 50 Resp: 457
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

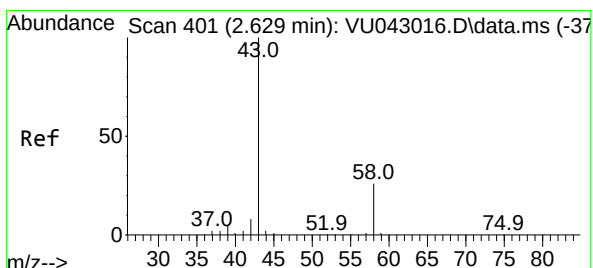
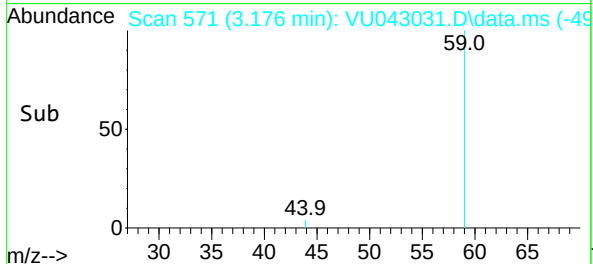
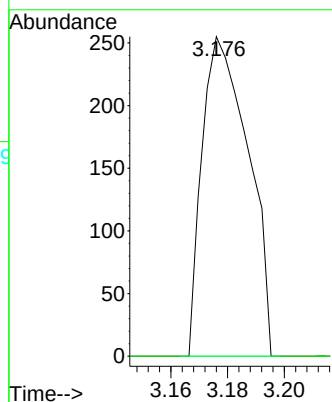
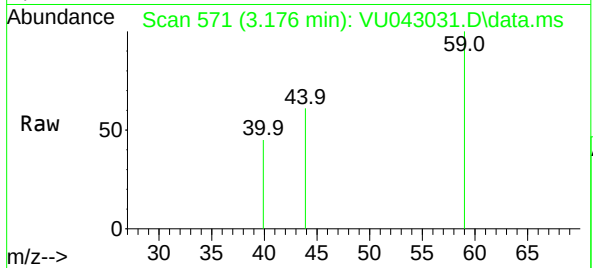




#11
Tert butyl alcohol
Concen: 0.57 ug/l
RT: 3.176 min Scan# 571
Delta R.T. -0.048 min
Lab File: VU043031.D
Acq: 12 Apr 2021 18:19

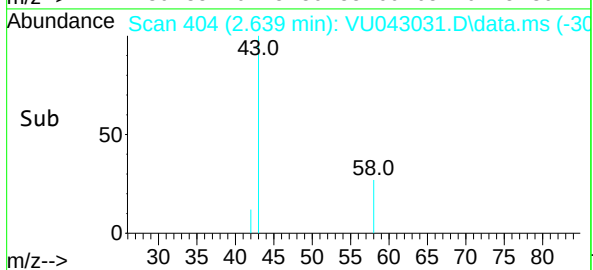
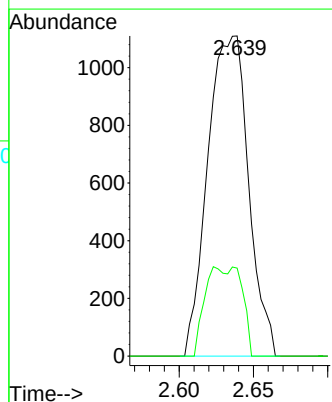
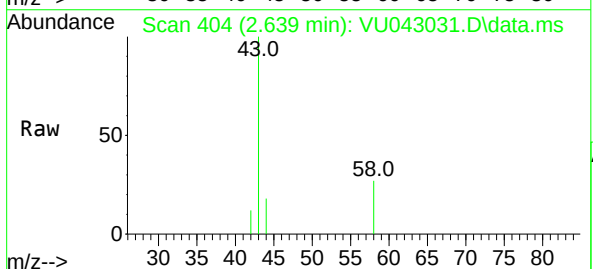
Instrument :
MSVOA_U
ClientSampleId :
FS-SB10

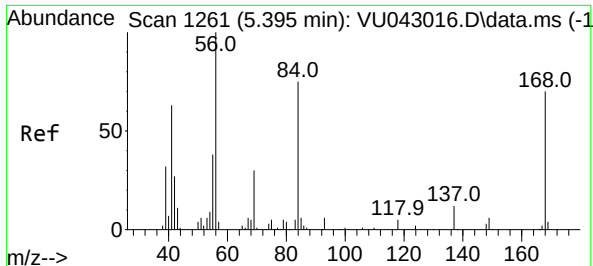
Tgt Ion: 59 Resp: 288
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#16
Acetone
Concen: 1.52 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.010 min
Lab File: VU043031.D
Acq: 12 Apr 2021 18:19

Tgt Ion: 43 Resp: 2121
Ion Ratio Lower Upper
43 100
58 27.5 21.5 32.3





#31

Cyclohexane

Concen: 1.24 ug/l

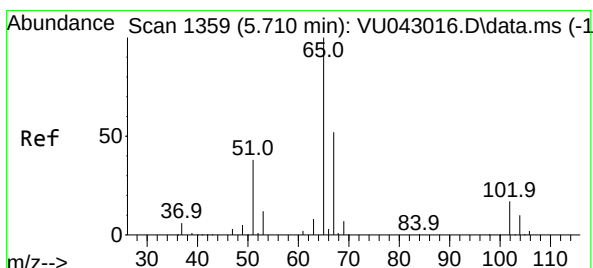
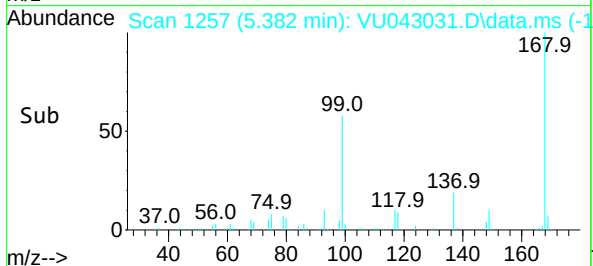
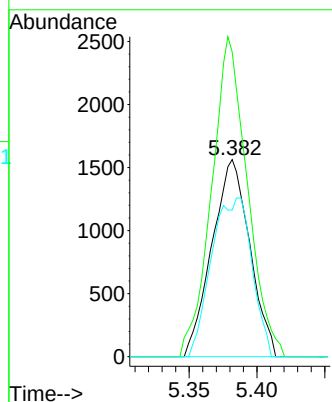
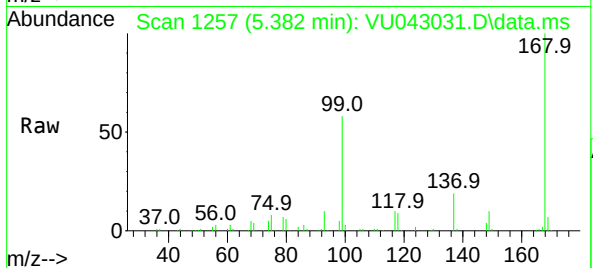
RT: 5.382 min Scan# 1257

Delta R.T. -0.013 min

Lab File: VU043031.D

Acq: 12 Apr 2021 18:19

Tgt Ion:	56	Resp:	3032
Ion	Ratio	Lower	Upper
56	100		
69	154.6	24.9	37.3#
84	74.4	63.7	95.5



#33

1,2-Dichloroethane-d4

Concen: 49.78 ug/l

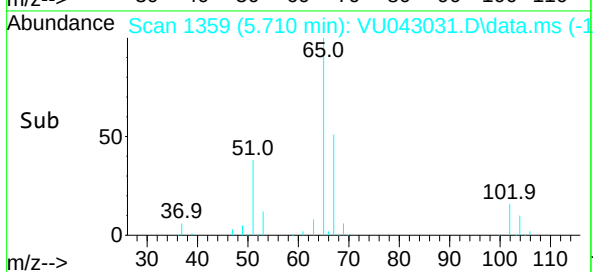
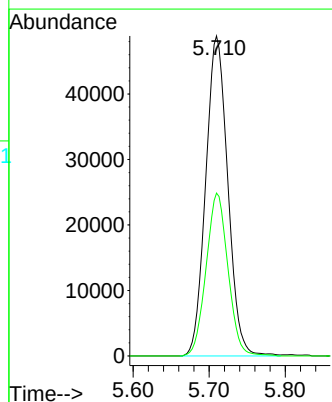
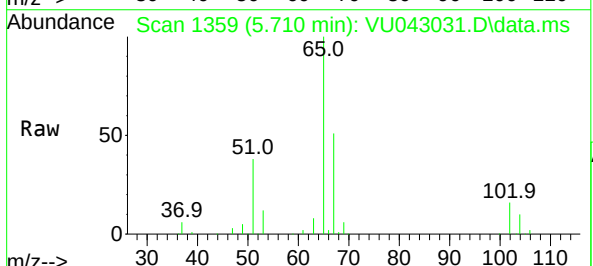
RT: 5.710 min Scan# 1359

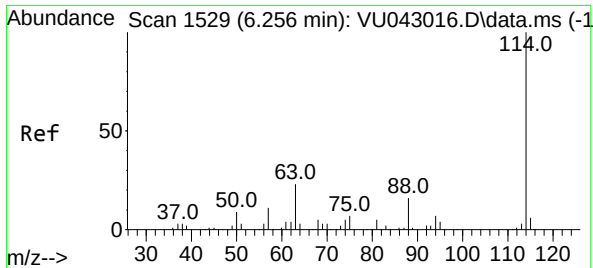
Delta R.T. -0.000 min

Lab File: VU043031.D

Acq: 12 Apr 2021 18:19

Tgt Ion:	65	Resp:	98440
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	99.8

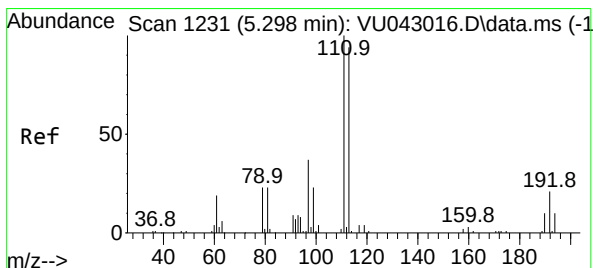
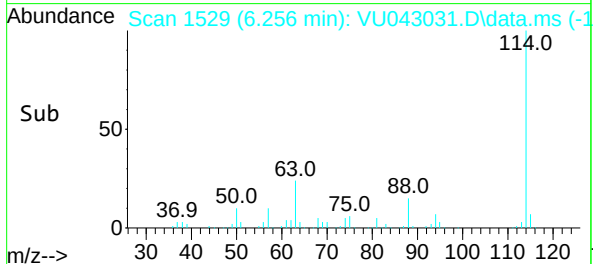
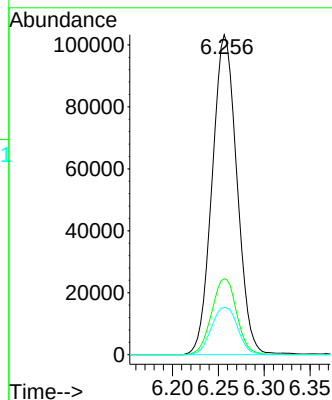
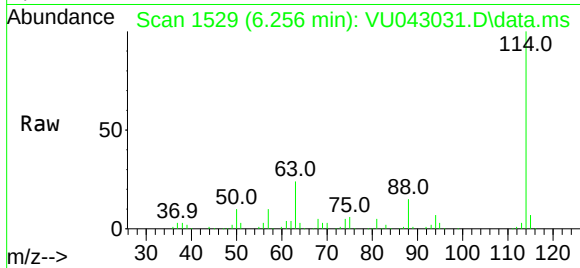




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043031.D
Acq: 12 Apr 2021 18:19

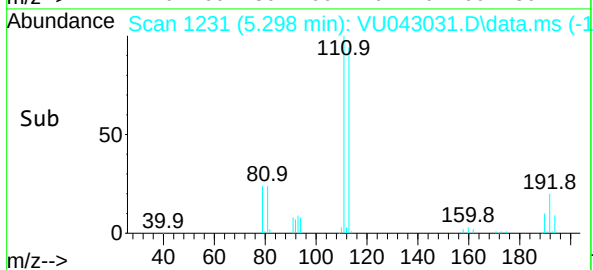
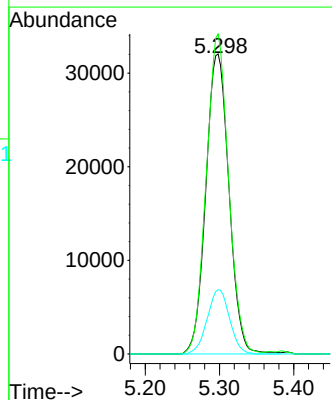
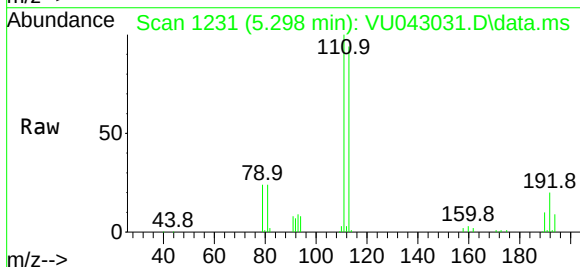
Instrument :
MSVOA_U
ClientSampleId :
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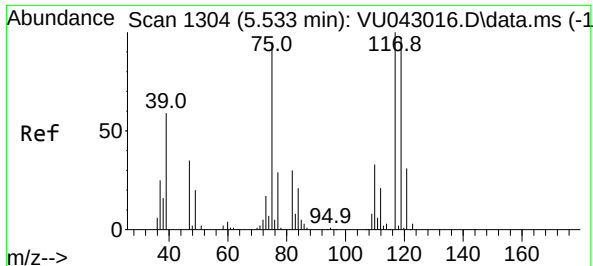
Tgt Ion:	114	Resp:	193495
Ion Ratio	Lower	Upper	
114	100		
63	23.7	0.0	44.2
88	14.8	0.0	33.4



#35
Dibromofluoromethane
Concen: 47.71 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043031.D
Acq: 12 Apr 2021 18:19

Tgt Ion:	113	Resp:	69372
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.8	122.8
192	20.6	17.2	25.8



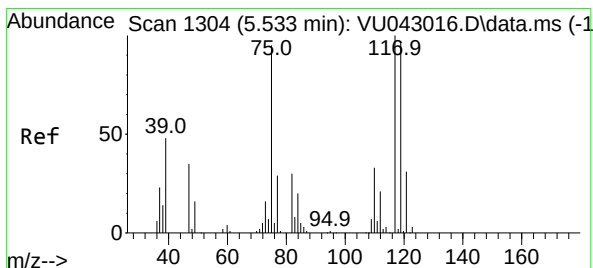
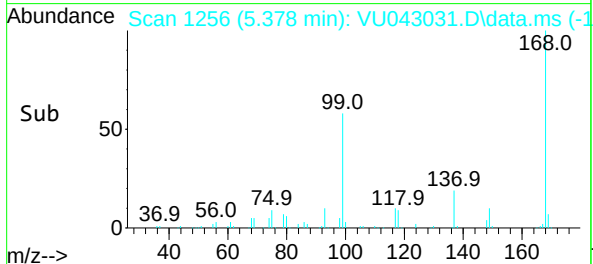
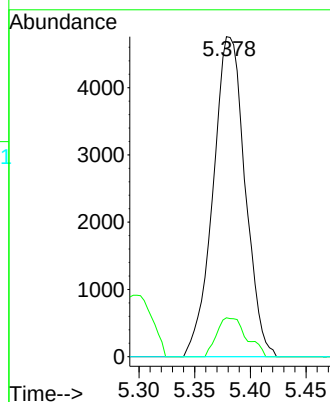
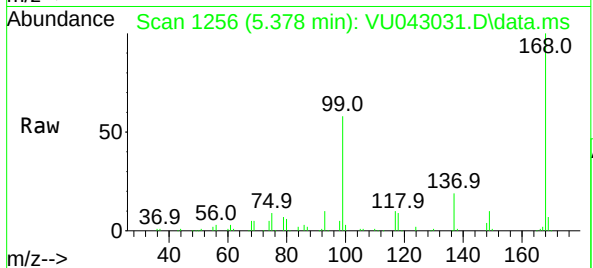


#36

1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU043031.D
Acq: 12 Apr 2021 18:19

Instrument :
MSVOA_U
ClientSampleId :
FS-SB10

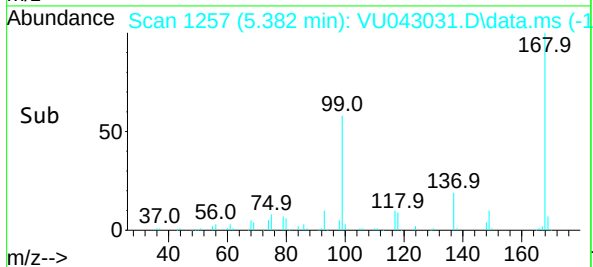
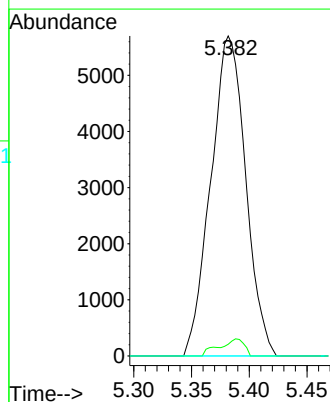
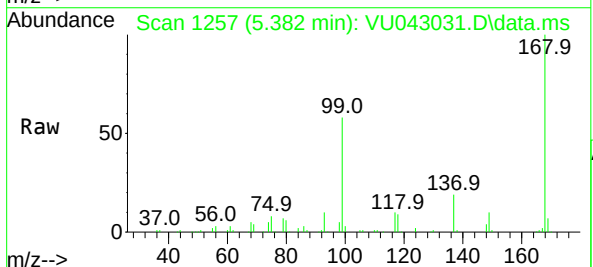
Tgt Ion: 75 Resp: 9524
Ion Ratio Lower Upper
75 100
110 11.2 16.8 50.3#
77 0.0 24.8 37.2#

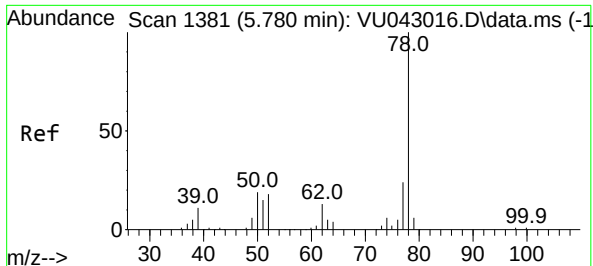


#38

Carbon Tetrachloride
Concen: 5.44 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043031.D
Acq: 12 Apr 2021 18:19

Tgt Ion: 117 Resp: 11977
Ion Ratio Lower Upper
117 100
119 3.7 75.5 113.3#
121 0.0 24.7 37.1#





#40

Benzene

Concen: 1.29 ug/l

RT: 5.780 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VU043031.D

Acq: 12 Apr 2021 18:19

Tgt Ion: 78 Resp: 7577

Ion Ratio Lower Upper

78 100

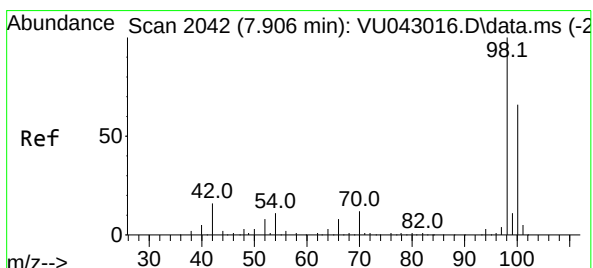
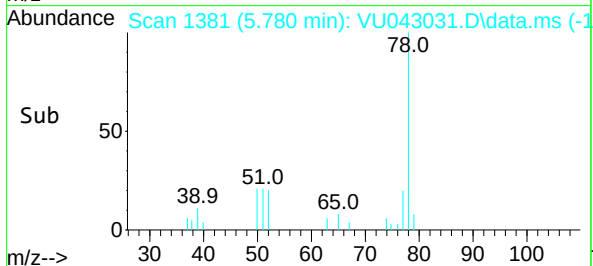
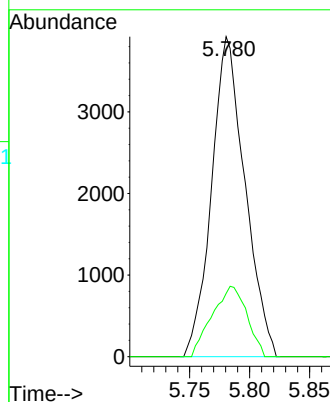
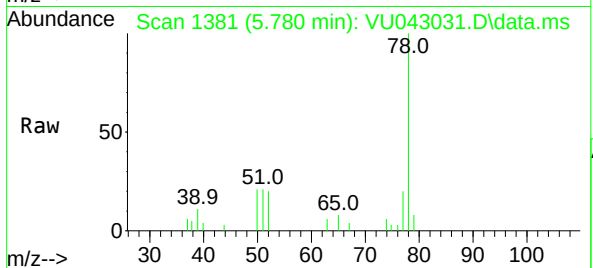
77 19.7 19.3 28.9

Instrument :

MSVOA_U

ClientSampled :

FS-SB10



#50

Toluene-d8

Concen: 48.30 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU043031.D

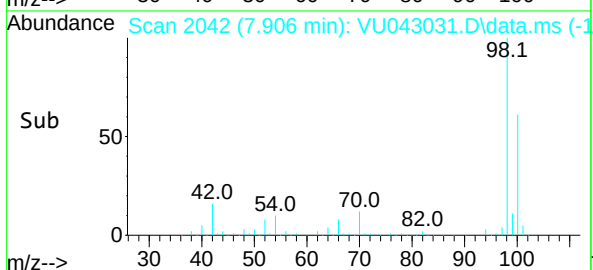
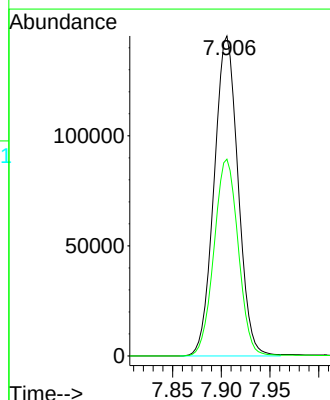
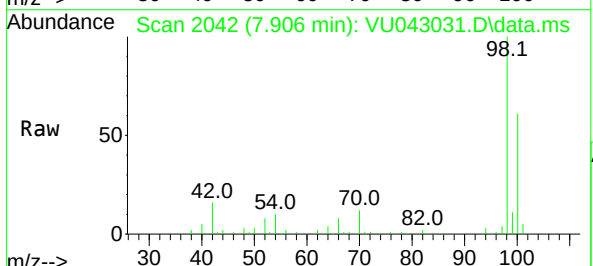
Acq: 12 Apr 2021 18:19

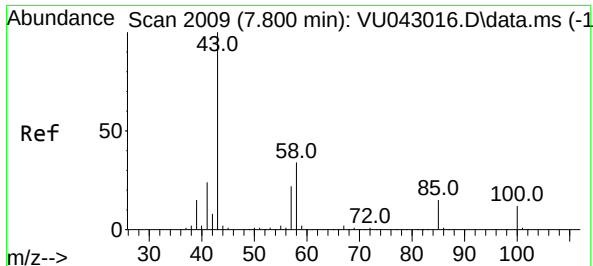
Tgt Ion: 98 Resp: 248498

Ion Ratio Lower Upper

98 100

100 62.4 50.2 75.2

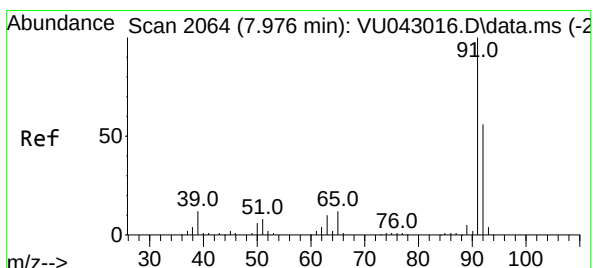
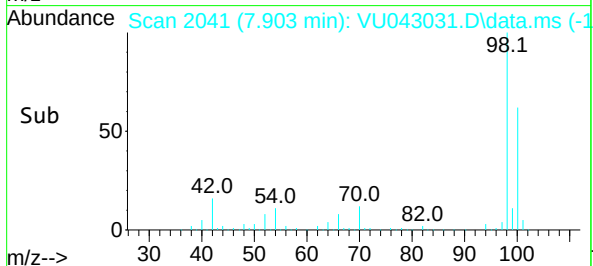
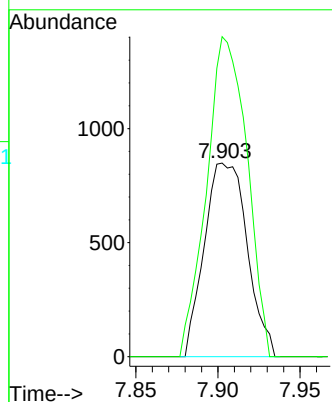
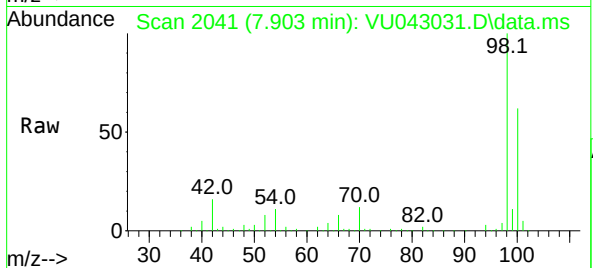




#51
4-Methyl-2-Pentanone
Concen: 0.42 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.103 min
Lab File: VU043031.D
Acq: 12 Apr 2021 18:19

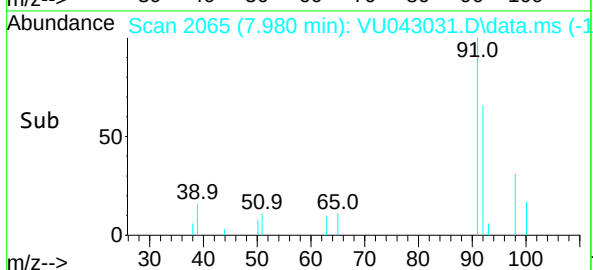
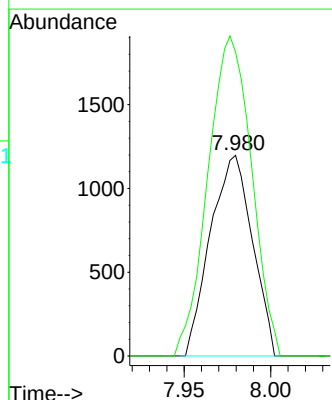
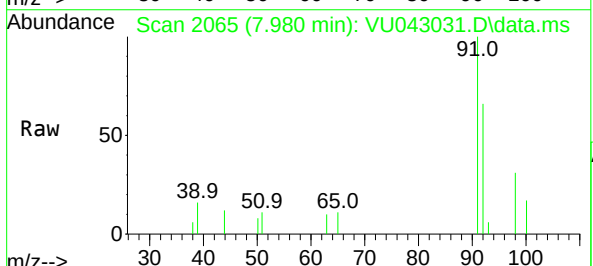
Instrument :
MSVOA_U
ClientSampled :
FS-SB10

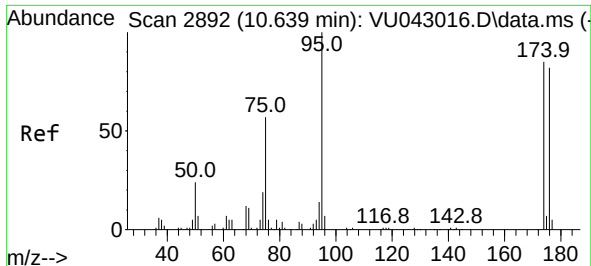
Tgt Ion: 43 Resp: 1542
Ion Ratio Lower Upper
43 100
58 155.7 28.1 42.1#



#52
Toluene
Concen: 0.55 ug/l
RT: 7.980 min Scan# 2065
Delta R.T. 0.004 min
Lab File: VU043031.D
Acq: 12 Apr 2021 18:19

Tgt Ion: 92 Resp: 2017
Ion Ratio Lower Upper
92 100
91 165.4 140.3 210.5

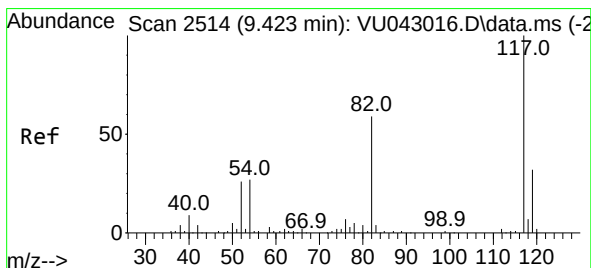
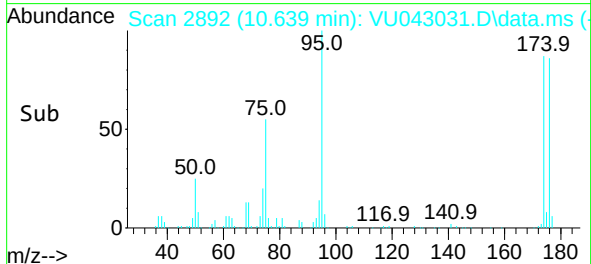
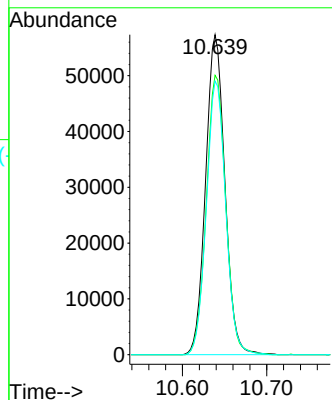
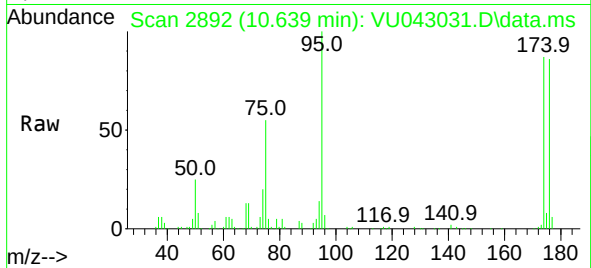




#62
4-Bromofluorobenzene
Concen: 44.34 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043031.D
Acq: 12 Apr 2021 18:19

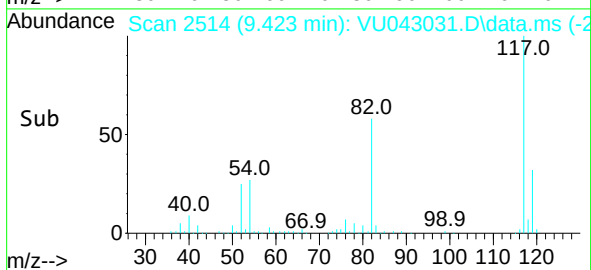
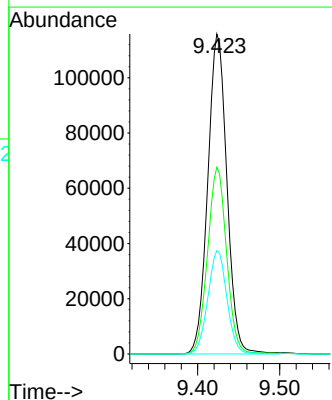
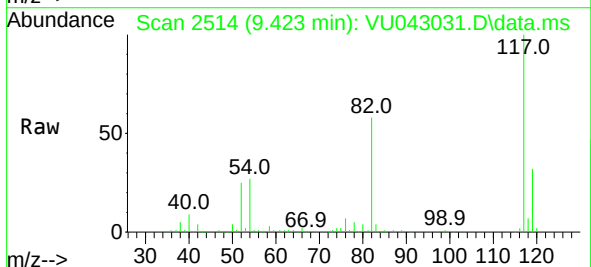
Instrument :
MSVOA_U
ClientSampleId :
FS-SB10

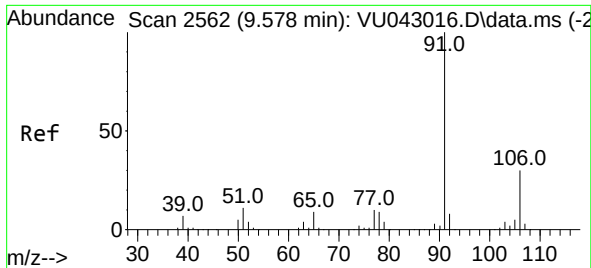
Tgt Ion: 95 Resp: 91341
Ion Ratio Lower Upper
95 100
174 88.1 0.0 172.2
176 85.5 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043031.D
Acq: 12 Apr 2021 18:19

Tgt Ion: 117 Resp: 188347
Ion Ratio Lower Upper
117 100
82 58.3 45.8 68.6
119 32.3 25.8 38.8

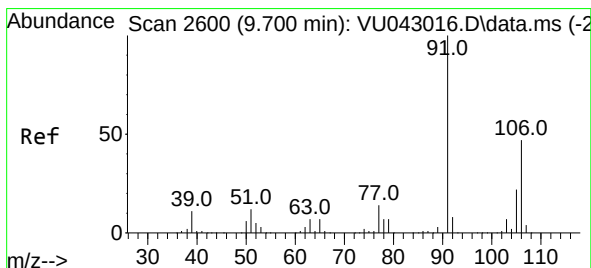
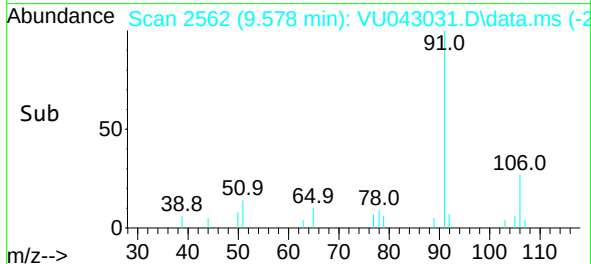
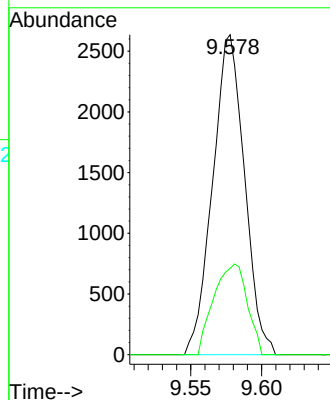
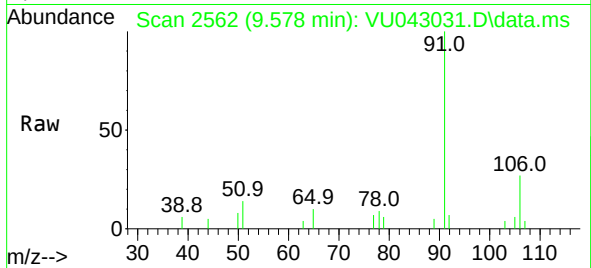




#67
Ethyl Benzene
Concen: 0.57 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043031.D
Acq: 12 Apr 2021 18:19

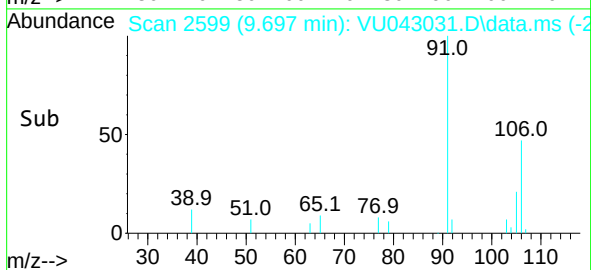
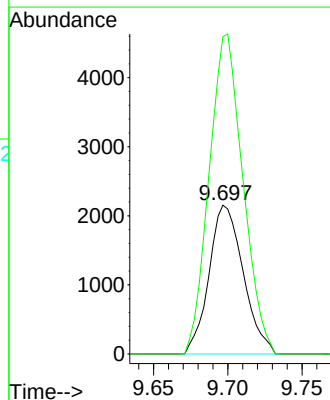
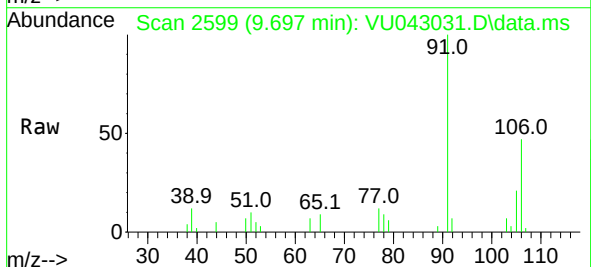
Instrument :
MSVOA_U
ClientSampled :
FS-SB10

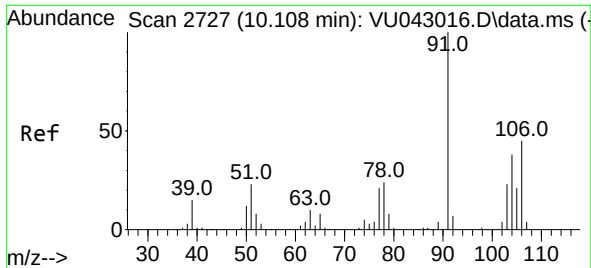
Tgt Ion: 91 Resp: 4119
Ion Ratio Lower Upper
91 100
106 27.0 24.1 36.1



#68
m/p-Xylenes
Concen: 1.28 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU043031.D
Acq: 12 Apr 2021 18:19

Tgt Ion: 106 Resp: 3448
Ion Ratio Lower Upper
106 100
91 212.4 169.9 254.9

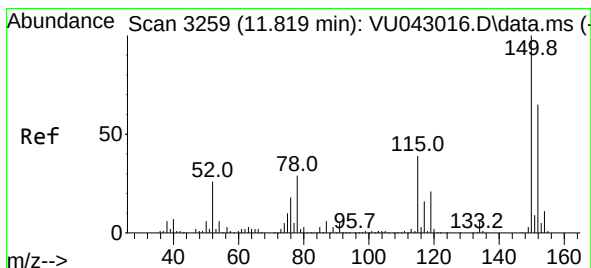
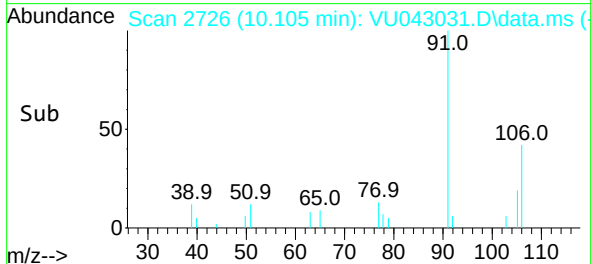
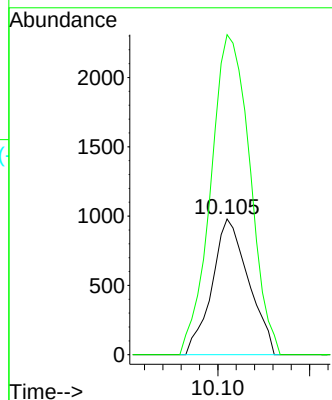
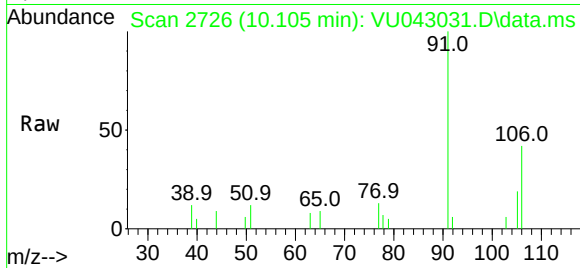




#69
o-Xylene
Concen: 0.51 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU043031.D
Acq: 12 Apr 2021 18:19

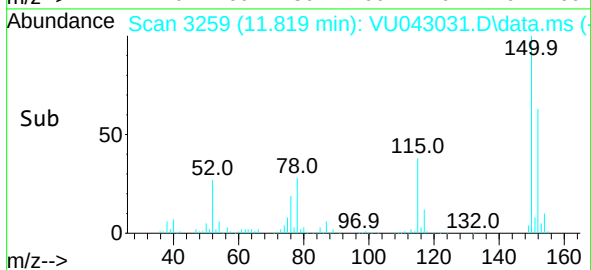
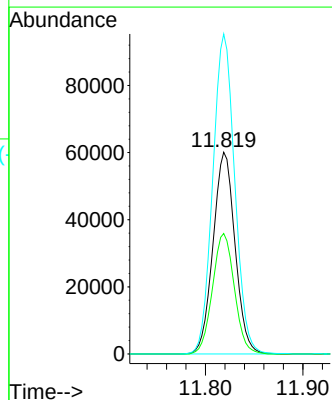
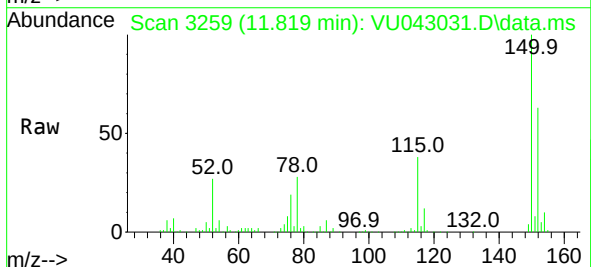
Instrument :
MSVOA_U
ClientSampleId :
FS-SB10

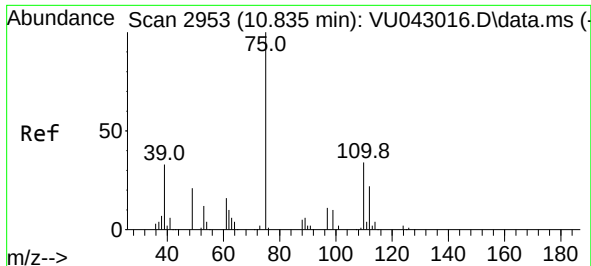
Tgt Ion:106 Resp: 1351
Ion Ratio Lower Upper
106 100
91 252.6 111.2 333.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043031.D
Acq: 12 Apr 2021 18:19

Tgt Ion:152 Resp: 94291
Ion Ratio Lower Upper
152 100
115 59.3 41.5 124.6
150 158.3 0.0 342.4

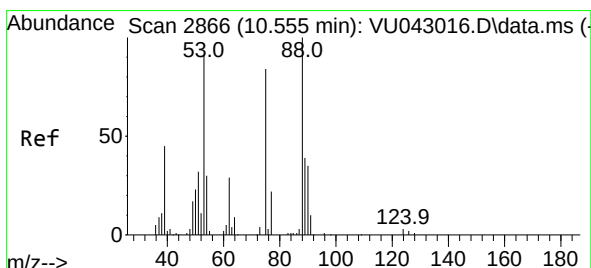
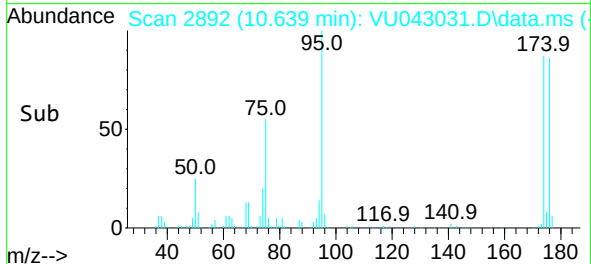
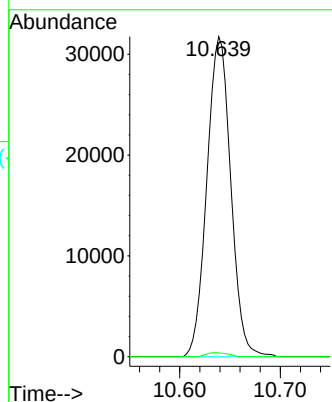
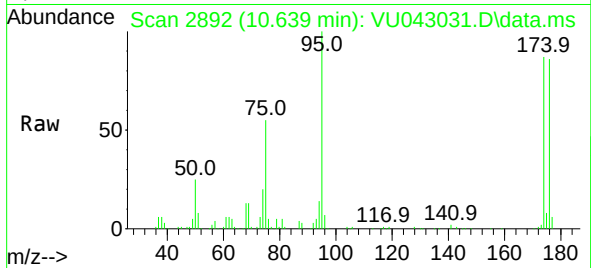




#76
1,2,3-Trichloropropane
Concen: 19.01 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043031.D
Acq: 12 Apr 2021 18:19

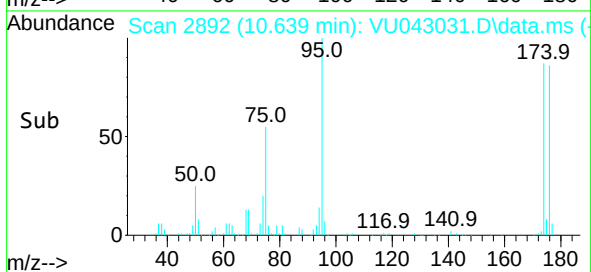
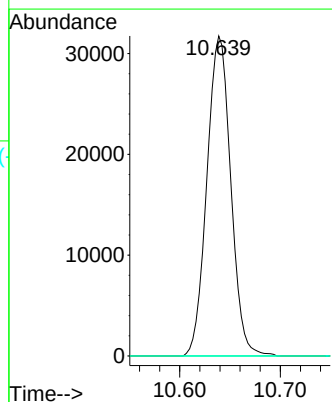
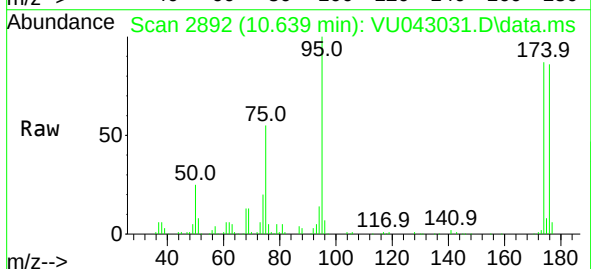
Instrument :
MSVOA_U
ClientSampleId :
FS-SB10

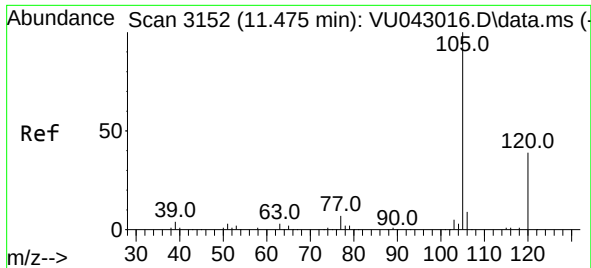
Tgt Ion: 75 Resp: 52377
Ion Ratio Lower Upper
75 100
77 1.1 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.86 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043031.D
Acq: 12 Apr 2021 18:19

Tgt Ion: 75 Resp: 52377
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#

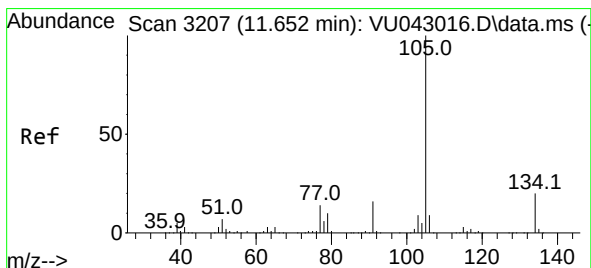
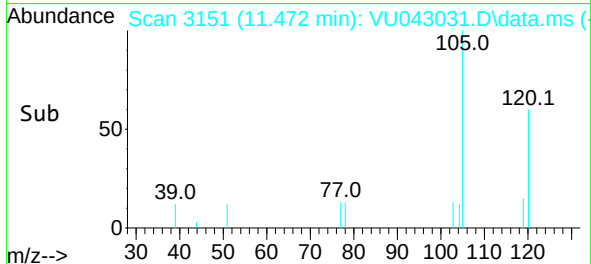
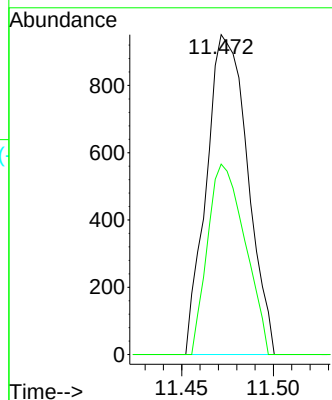
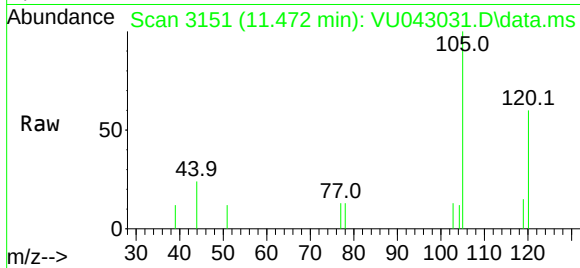




#84
1,2,4-Trimethylbenzene
Concen: 0.26 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VU043031.D
Acq: 12 Apr 2021 18:19

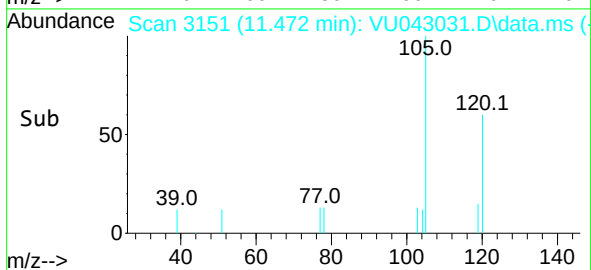
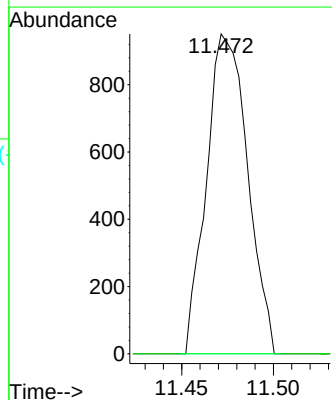
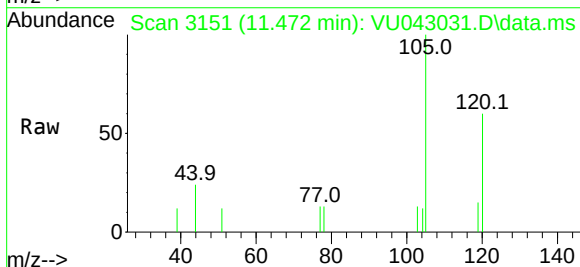
Instrument :
MSVOA_U
ClientSampleId :
FS-SB10

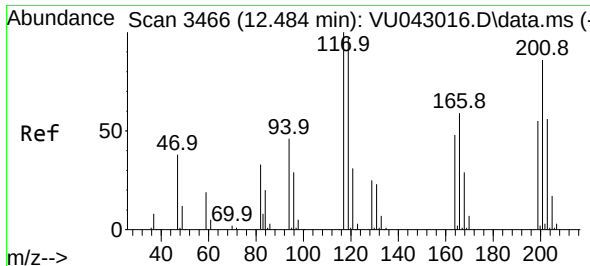
Tgt Ion:105 Resp: 1484
Ion Ratio Lower Upper
105 100
120 54.3 22.3 66.8



#85
sec-Butylbenzene
Concen: 0.23 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. -0.180 min
Lab File: VU043031.D
Acq: 12 Apr 2021 18:19

Tgt Ion:105 Resp: 1484
Ion Ratio Lower Upper
105 100
134 0.0 10.0 30.0#

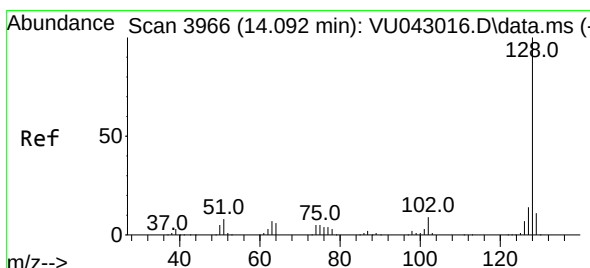
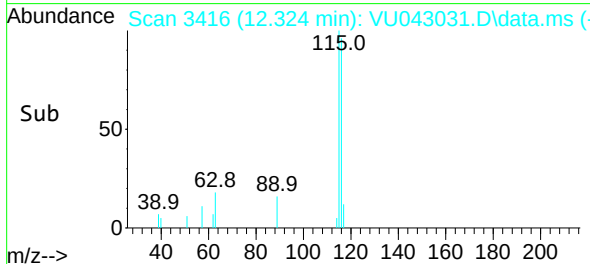
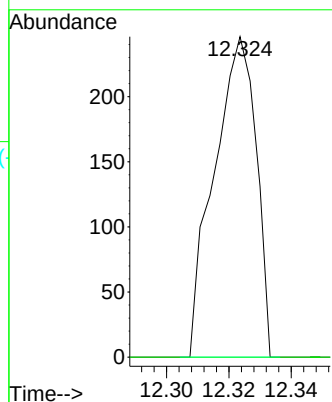
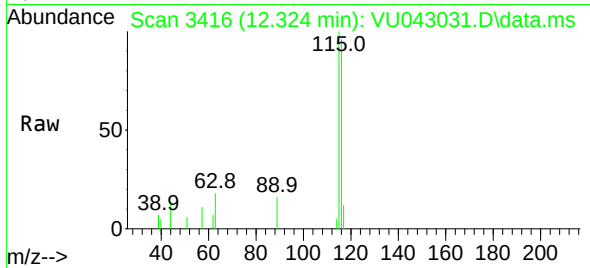




#90
Hexachloroethane
Concen: 0.21 ug/l
RT: 12.324 min Scan# 3416
Delta R.T. -0.160 min
Lab File: VU043031.D
Acq: 12 Apr 2021 18:19

Instrument :
MSVOA_U
ClientSampleId :
FS-SB10

Tgt Ion:117 Resp: 230
Ion Ratio Lower Upper
117 100
201 0.0 43.5 130.7#



#95
Naphthalene
Concen: 3.82 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043031.D
Acq: 12 Apr 2021 18:19

Tgt Ion:128 Resp: 7798
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 12.2 8.6 13.0

