

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
 Data File : VU043032.D
 Acq On : 12 Apr 2021 18:42
 Operator : SY/MD
 Sample : M1946-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FS-SB10X

Quant Time: Apr 13 05:15:36 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)

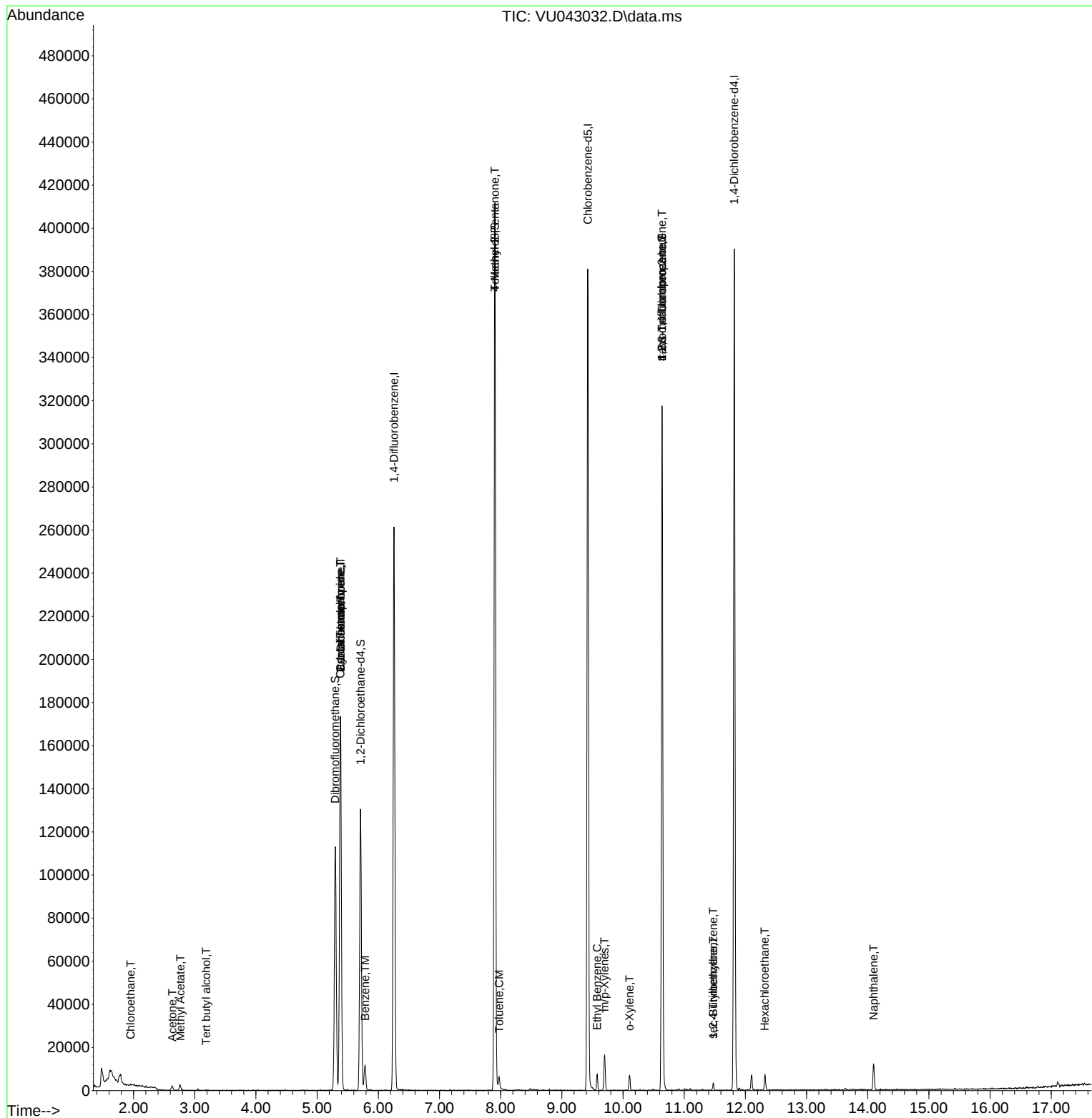
Internal Standards						
1) Pentafluorobenzene	5.382	168	120064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	194613	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	190004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	95857	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	100817	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
35) Dibromofluoromethane	5.295	113	69017	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
50) Toluene-d8	7.906	98	252244	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	10.639	95	92846	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	331	Below Cal	#	41
6) Chloroethane	1.951	64	249	0.23 ug/l	#	42
11) Tert butyl alcohol	3.186	59	156	0.30 ug/l	#	94
16) Acetone	2.633	43	2739	2.01 ug/l	#	89
18) Methyl Acetate	2.764	43	718	0.28 ug/l	#	55
31) Cyclohexane	5.382	56	3177	1.28 ug/l	#	40
36) 1,1-Dichloropropene	5.382	75	9818	4.76 ug/l	#	51
38) Carbon Tetrachloride	5.378	117	12153	5.49 ug/l	#	18
40) Benzene	5.784	78	9890	1.68 ug/l		93
51) 4-Methyl-2-Pentanone	7.906	43	1508	0.40 ug/l	#	1
52) Toluene	7.976	92	2280	0.62 ug/l		94
67) Ethyl Benzene	9.578	91	4916	0.67 ug/l		95
68) m/p-Xylenes	9.697	106	4643	1.71 ug/l		89
69) o-Xylene	10.105	106	1846	0.70 ug/l		97
76) 1,2,3-Trichloropropane	10.639	75	53278	19.02 ug/l	#	36
81) trans-1,4-Dichloro-2-b...	10.639	75	53278	55.89 ug/l	#	7
84) 1,2,4-Trimethylbenzene	11.475	105	2252	0.39 ug/l		85
85) sec-Butylbenzene	11.475	105	2252	0.34 ug/l	#	56
90) Hexachloroethane	12.317	117	371	0.33 ug/l	#	6
95) Naphthalene	14.095	128	10123	4.12 ug/l	#	96

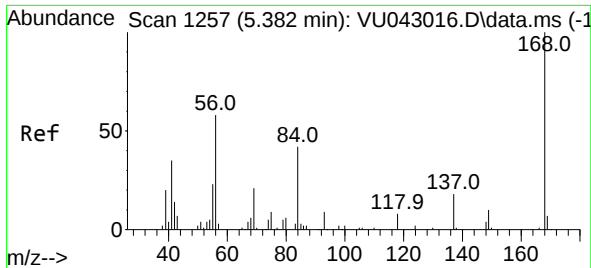
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FS-SB10X

Quant Time: Apr 13 05:15:36 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

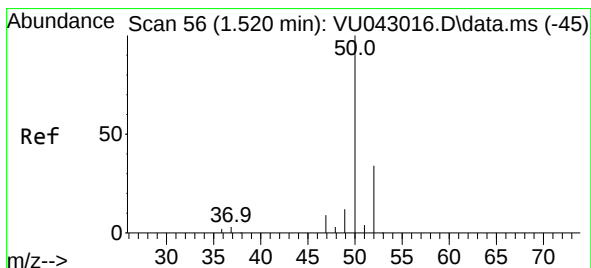
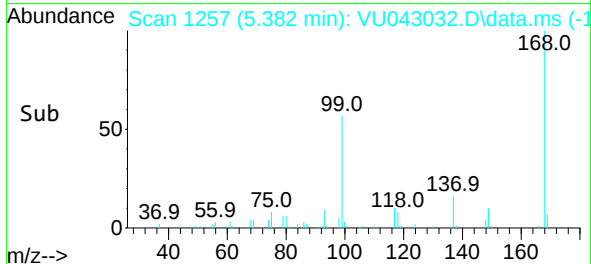
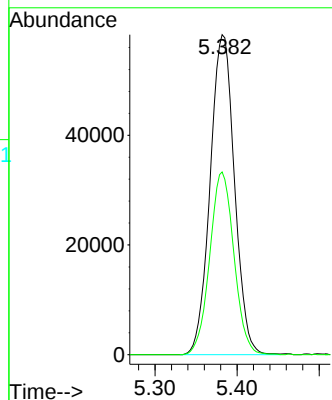
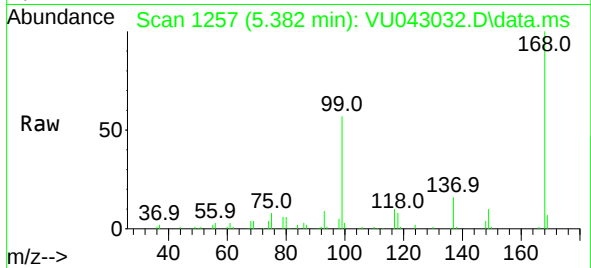




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

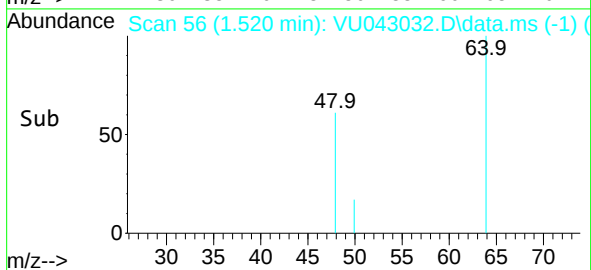
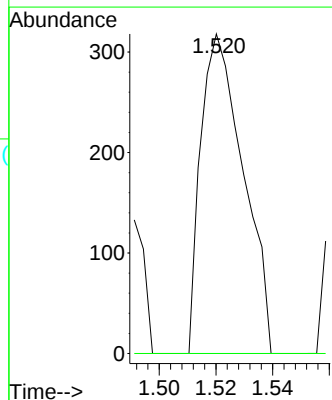
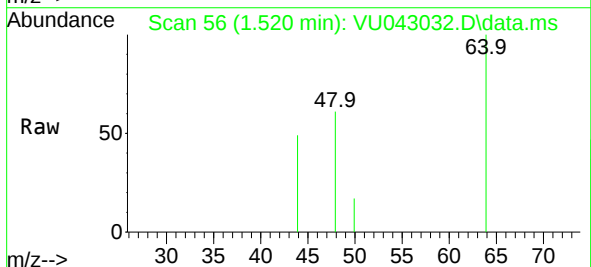
Instrument :
MSVOA_U
ClientSampleId :
FS-SB10X

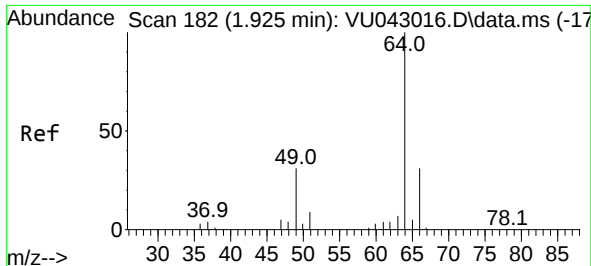
Tgt Ion:168 Resp: 120064
Ion Ratio Lower Upper
168 100
99 57.1 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

Tgt Ion: 50 Resp: 331
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

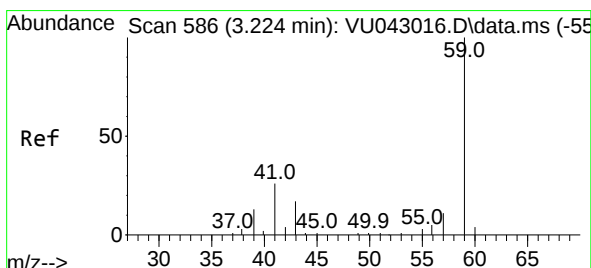
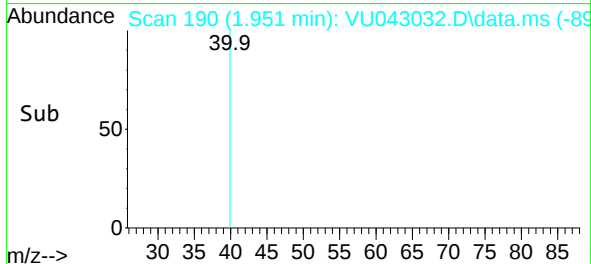
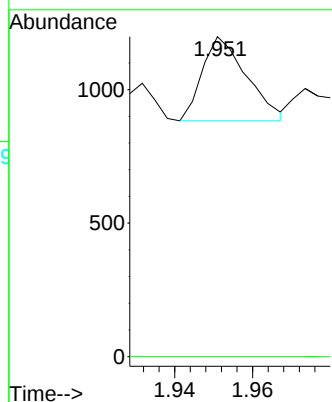
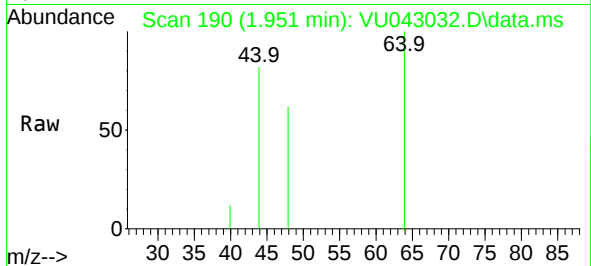




#6
Chloroethane
Concen: 0.23 ug/l
RT: 1.951 min Scan# 190
Delta R.T. 0.026 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

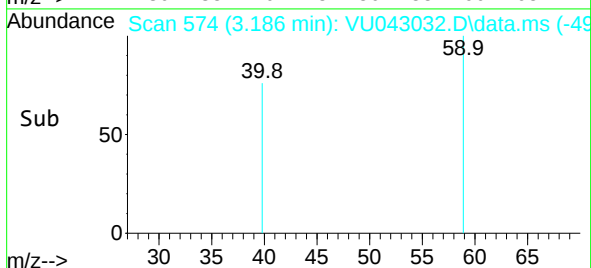
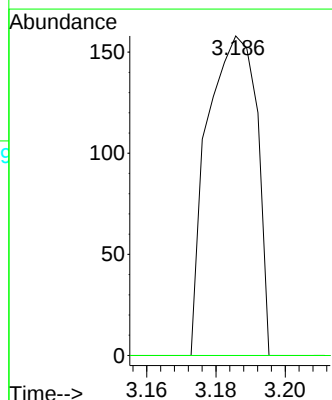
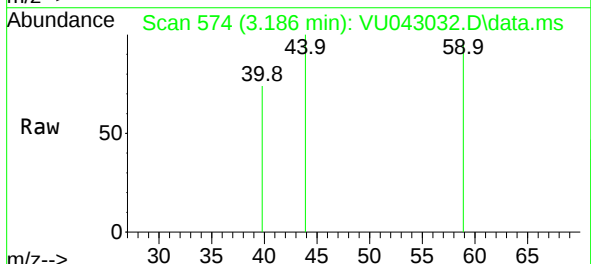
Instrument :
MSVOA_U
ClientSampleId :
FS-SB10X

Tgt Ion: 64 Resp: 249
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#11
Tert butyl alcohol
Concen: 0.30 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.038 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

Tgt Ion: 59 Resp: 156
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#

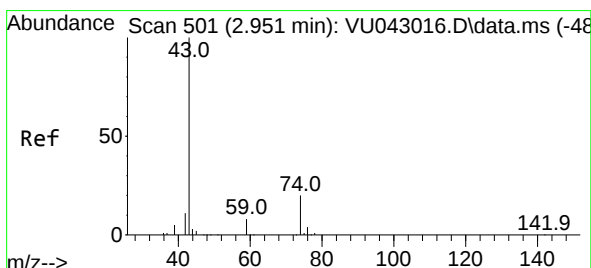
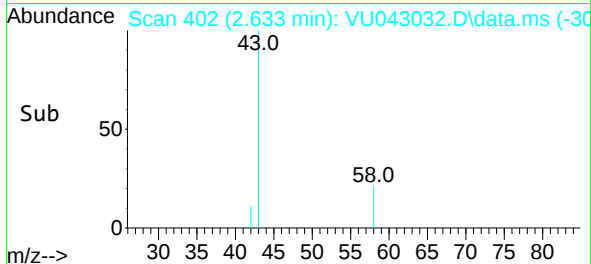
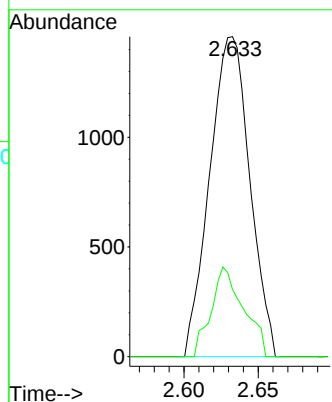
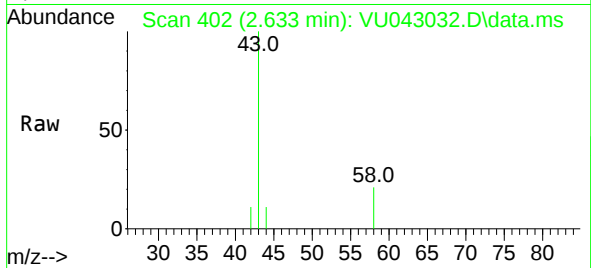




#16
Acetone
Concen: 2.01 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.004 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

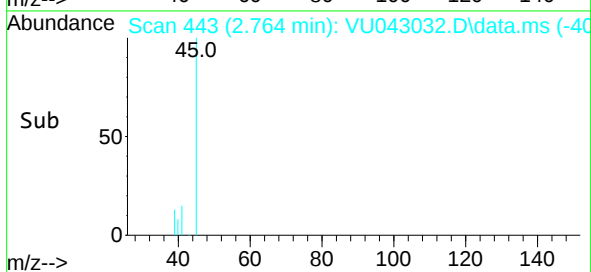
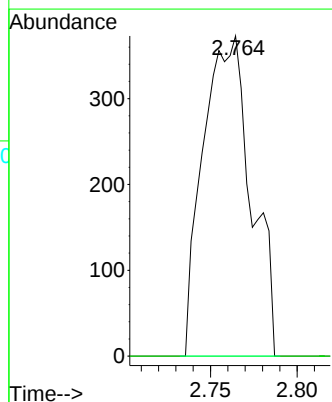
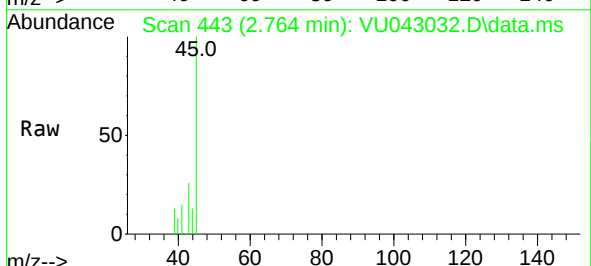
Instrument :
MSVOA_U
ClientSampled :
FS-SB10X

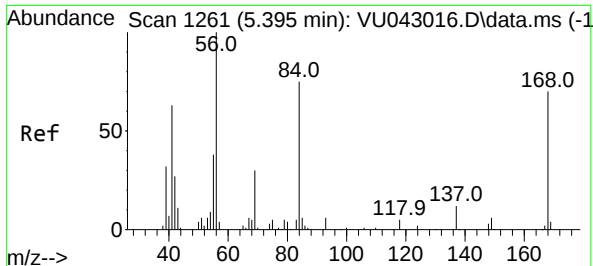
Tgt Ion: 43 Resp: 2739
Ion Ratio Lower Upper
43 100
58 21.0 21.5 32.3#



#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 2.764 min Scan# 443
Delta R.T. -0.187 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

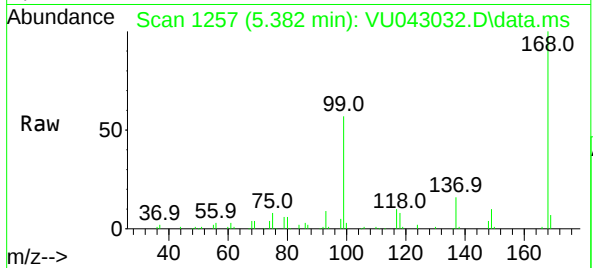
Tgt Ion: 43 Resp: 718
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



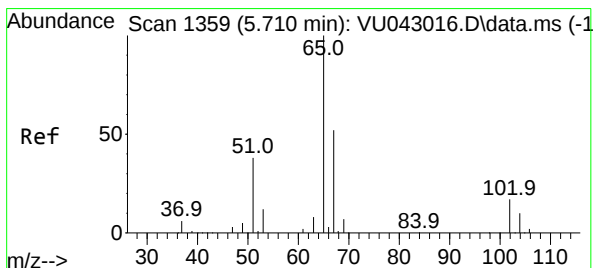
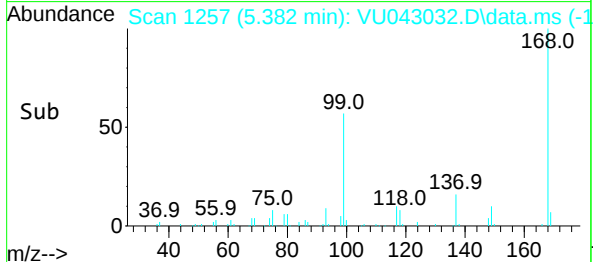
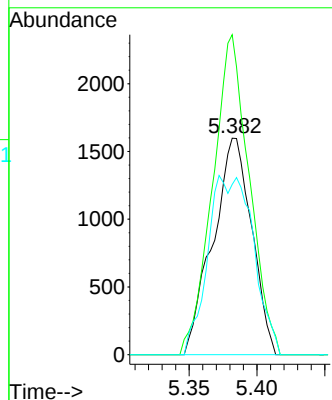


#31
Cyclohexane
Concen: 1.28 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

Instrument :
MSVOA_U
ClientSampleId :
FS-SB10X

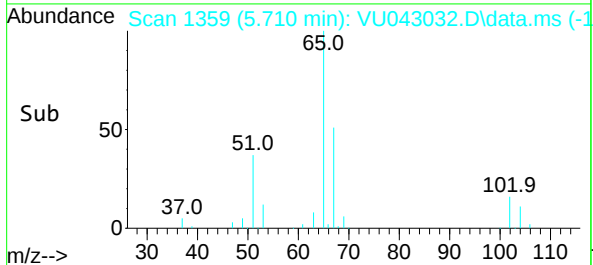
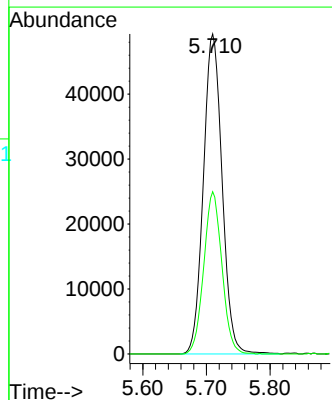
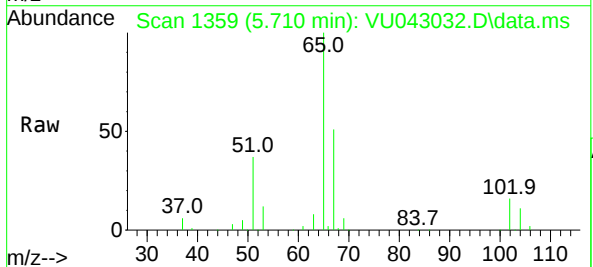


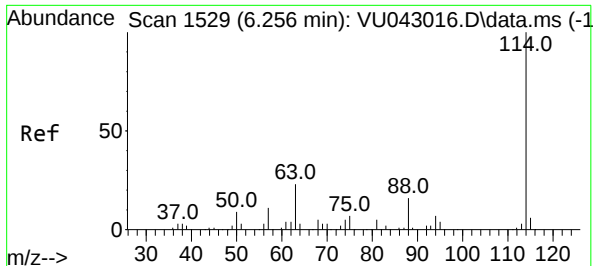
Tgt Ion: 56 Resp: 3177
Ion Ratio Lower Upper
56 100
69 147.8 24.9 37.3#
84 78.6 63.7 95.5



#33
1,2-Dichloroethane-d4
Concen: 49.95 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

Tgt Ion: 65 Resp: 100817
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.8

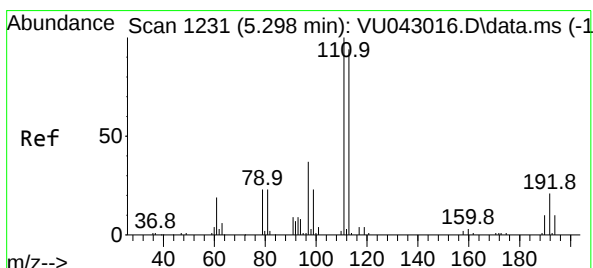
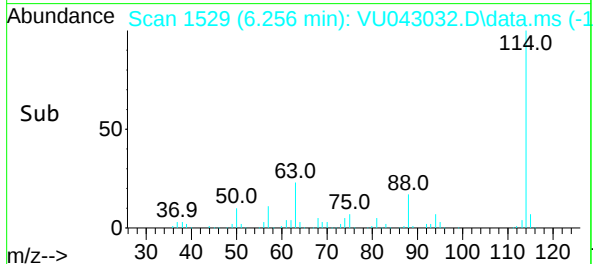
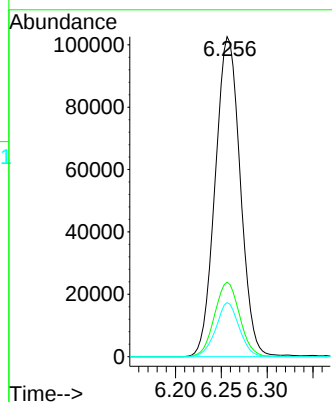
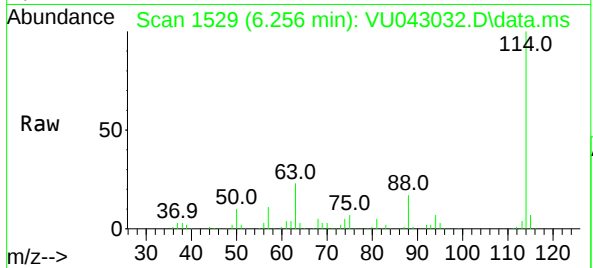




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

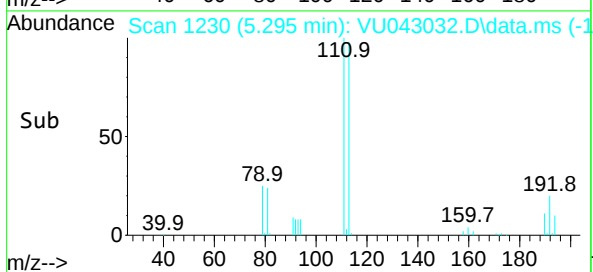
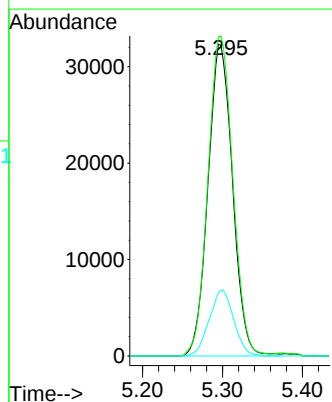
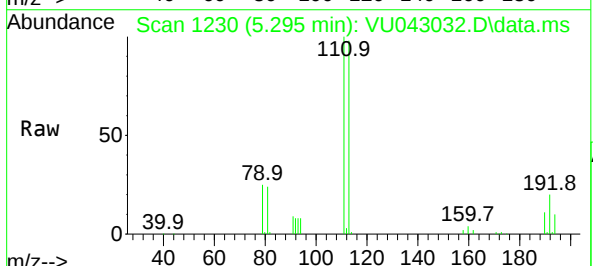
Instrument :
MSVOA_U
ClientSampleId :
FS-SB10X

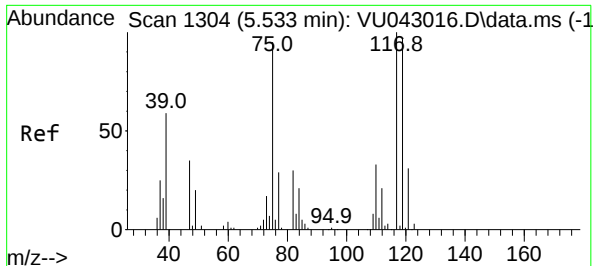
Tgt Ion:114 Resp: 194613
Ion Ratio Lower Upper
114 100
63 23.3 0.0 44.2
88 16.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.20 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. -0.003 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

Tgt Ion:113 Resp: 69017
Ion Ratio Lower Upper
113 100
111 104.2 81.8 122.8
192 21.1 17.2 25.8

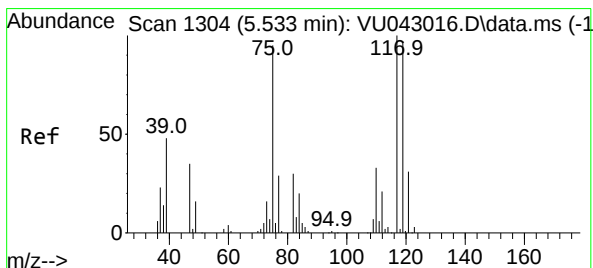
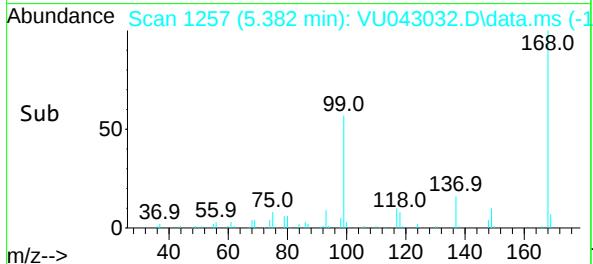
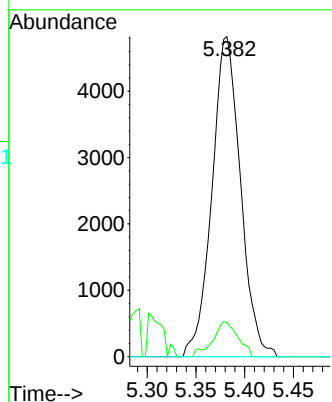
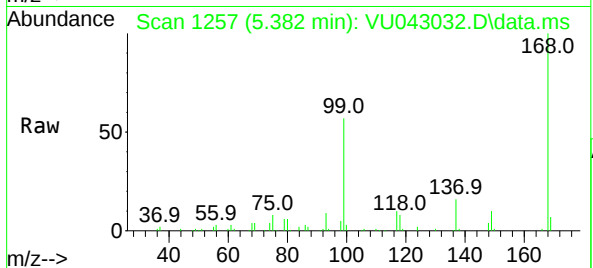




#36
1,1-Dichloropropene
Concen: 4.76 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

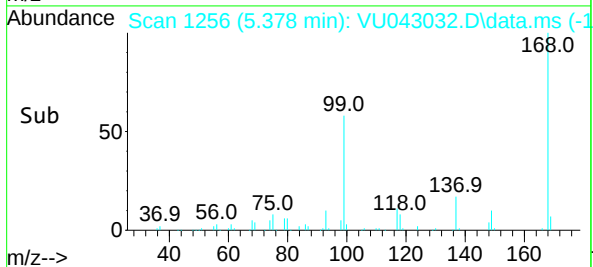
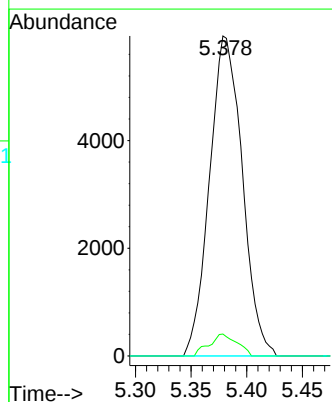
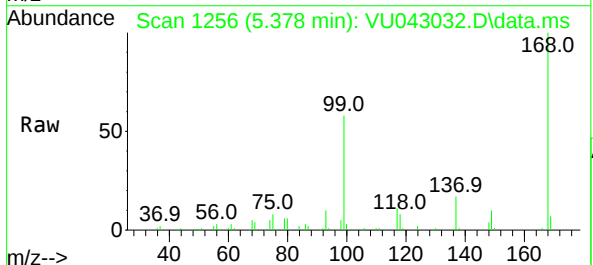
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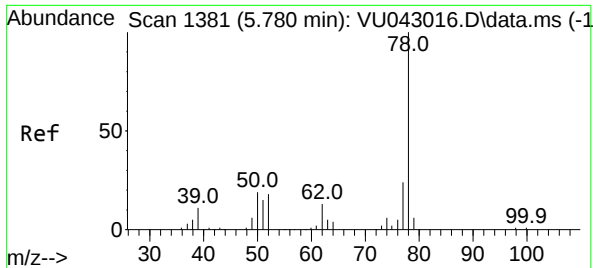
Tgt Ion: 75 Resp: 9818
Ion Ratio Lower Upper
75 100
110 9.7 16.8 50.3#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.49 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

Tgt Ion: 117 Resp: 12153
Ion Ratio Lower Upper
117 100
119 6.8 75.5 113.3#
121 0.0 24.7 37.1#





#40

Benzene

Concen: 1.68 ug/l

RT: 5.784 min Scan# 1382

Delta R.T. 0.004 min

Lab File: VU043032.D

Acq: 12 Apr 2021 18:42

Tgt Ion: 78 Resp: 9890

Ion Ratio Lower Upper

78 100

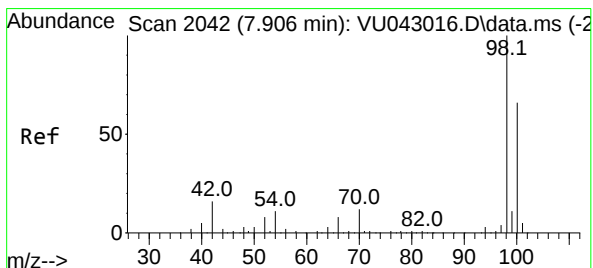
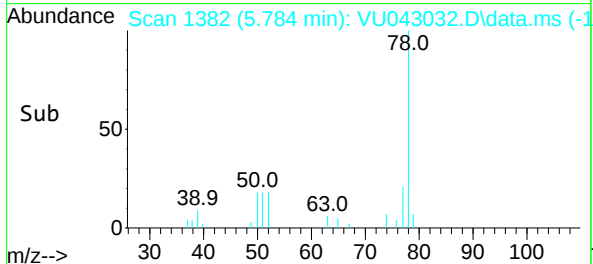
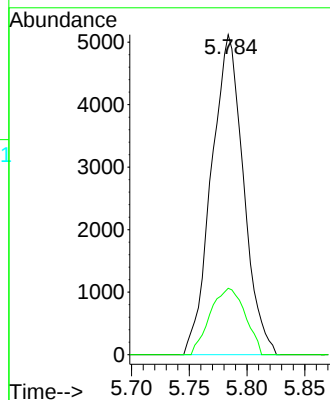
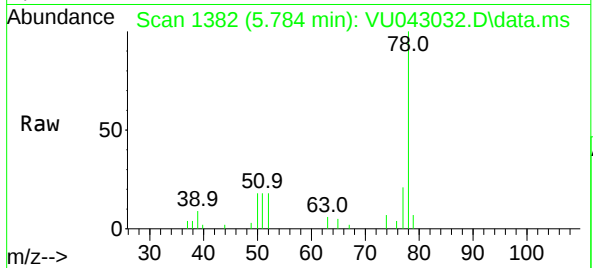
77 20.7 19.3 28.9

Instrument :

MSVOA_U

ClientSampled :

FS-SB10X



#50

Toluene-d8

Concen: 48.75 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU043032.D

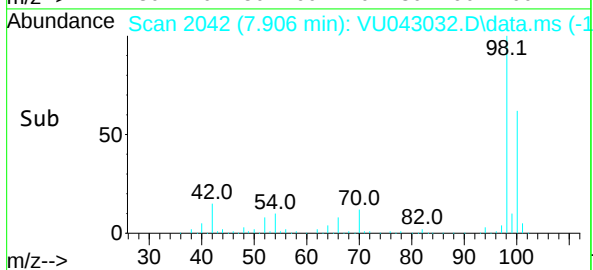
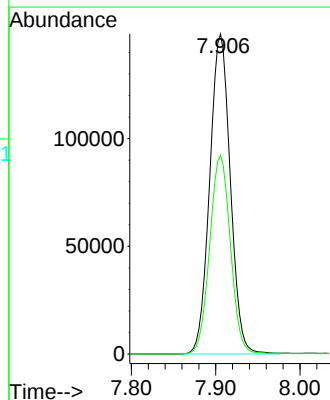
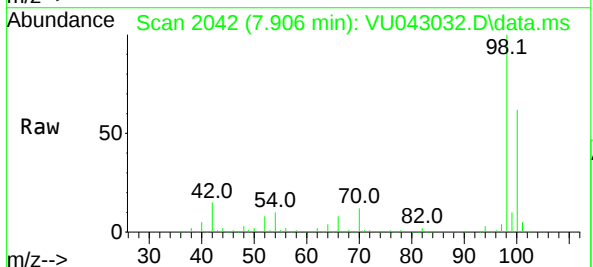
Acq: 12 Apr 2021 18:42

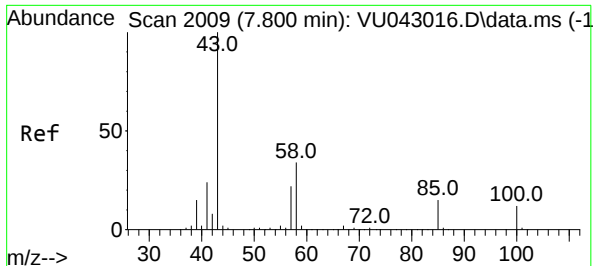
Tgt Ion: 98 Resp: 252244

Ion Ratio Lower Upper

98 100

100 62.5 50.2 75.2

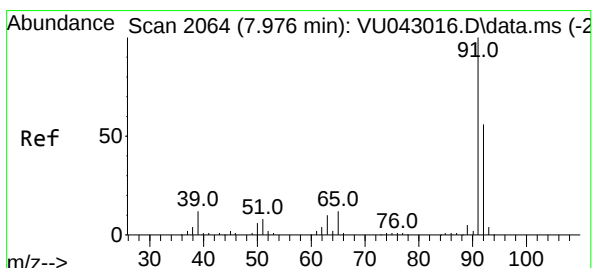
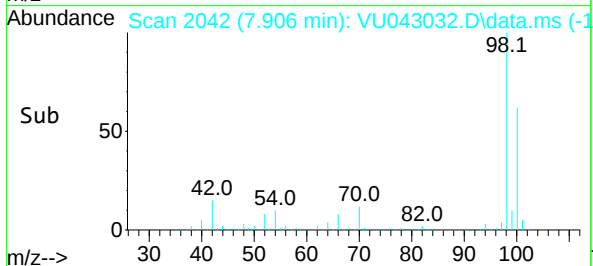
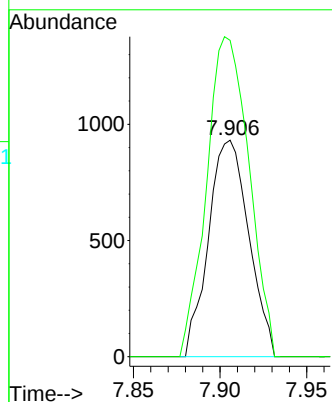
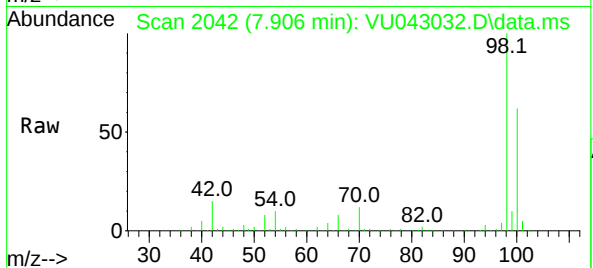




#51
4-Methyl-2-Pentanone
Concen: 0.40 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

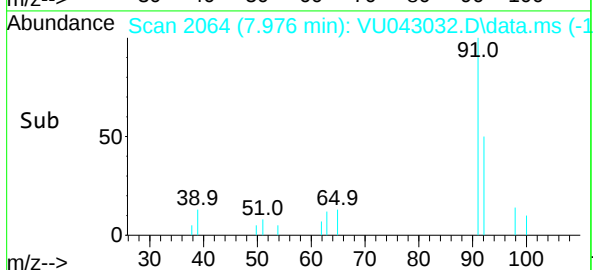
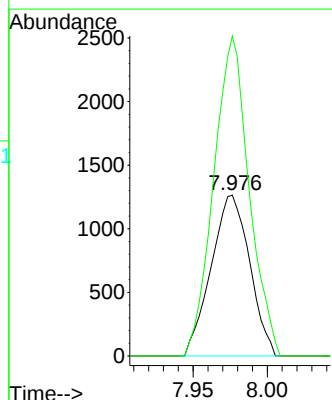
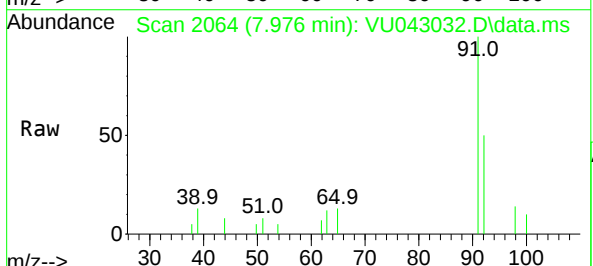
Instrument :
MSVOA_U
ClientSampled :
FS-SB10X

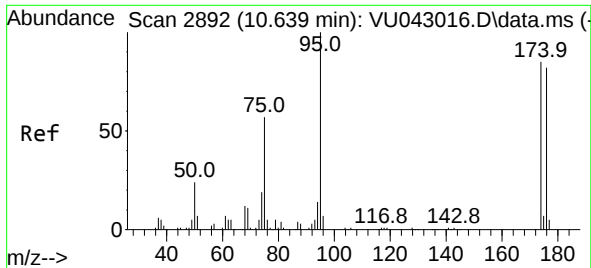
Tgt Ion: 43 Resp: 1508
Ion Ratio Lower Upper
43 100
58 155.6 28.1 42.1#



#52
Toluene
Concen: 0.62 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

Tgt Ion: 92 Resp: 2280
Ion Ratio Lower Upper
92 100
91 183.2 140.3 210.5

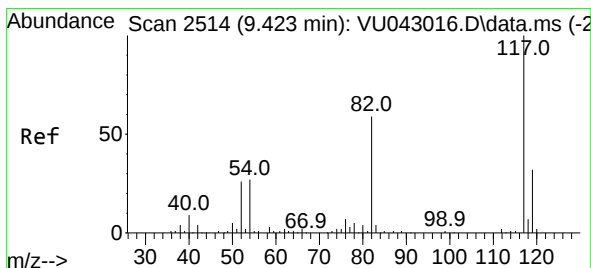
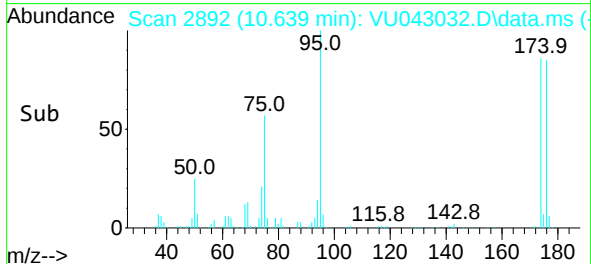
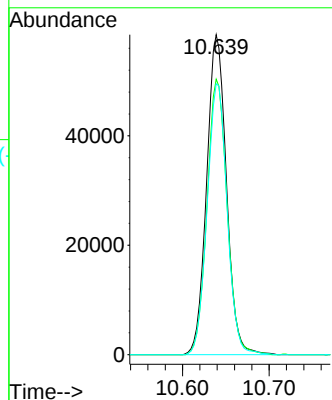
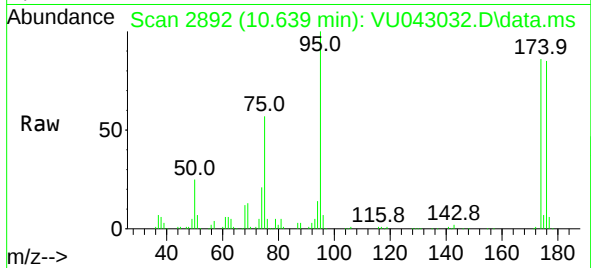




#62
4-Bromofluorobenzene
Concen: 44.81 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

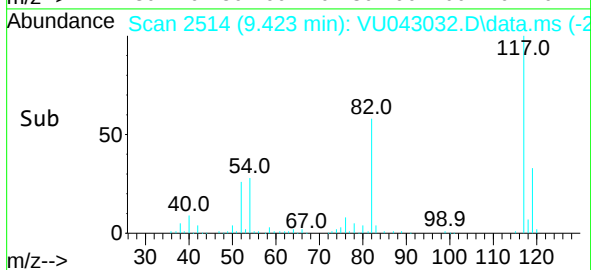
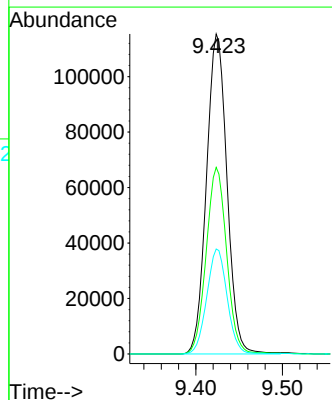
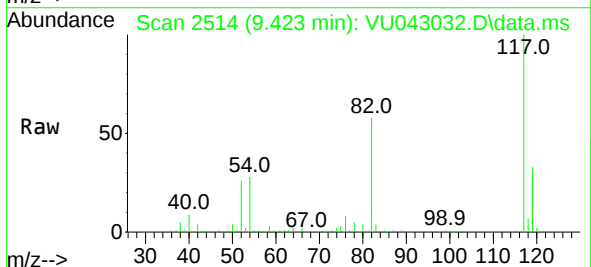
Instrument :
MSVOA_U
ClientSampleId :
FS-SB10X

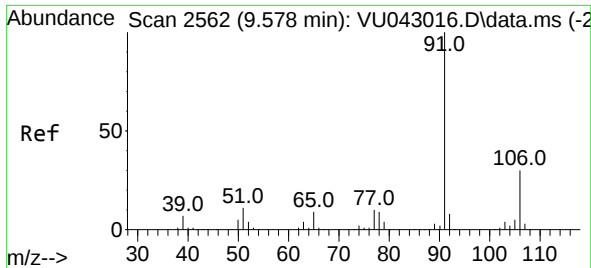
Tgt Ion:	95	Resp:	92846
Ion Ratio	Lower	Upper	
95	100		
174	87.4	0.0	172.2
176	85.4	0.0	168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

Tgt Ion:	117	Resp:	190004
Ion Ratio	Lower	Upper	
117	100		
82	58.3	45.8	68.6
119	32.8	25.8	38.8

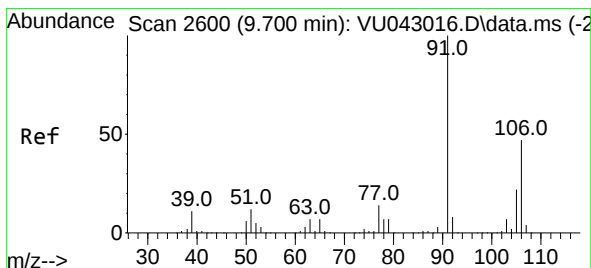
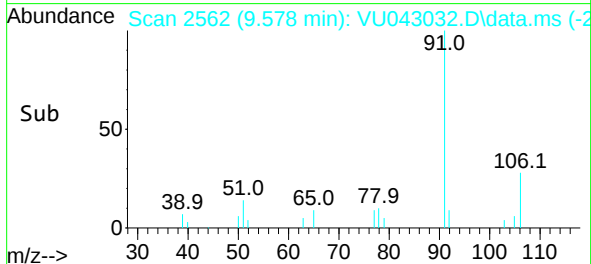
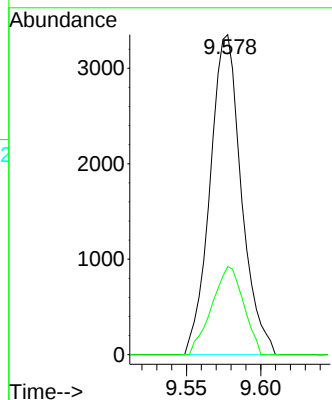
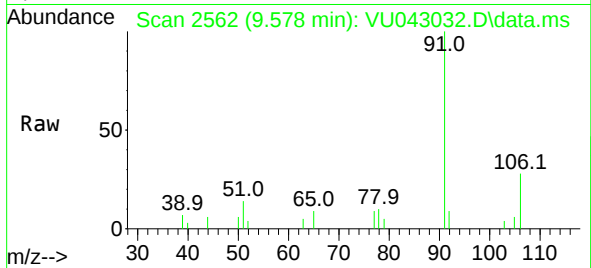




#67
Ethyl Benzene
Concen: 0.67 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

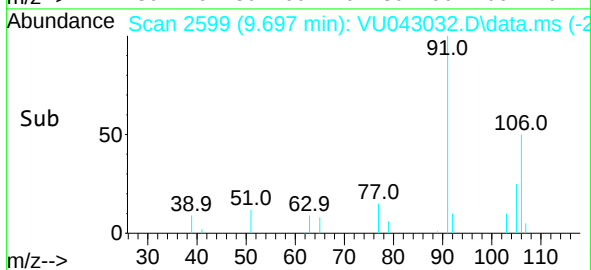
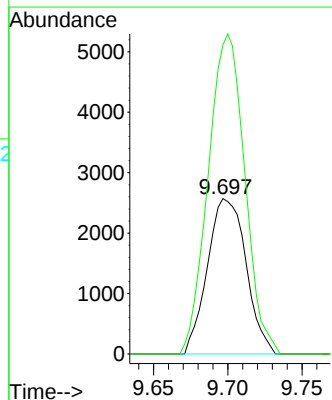
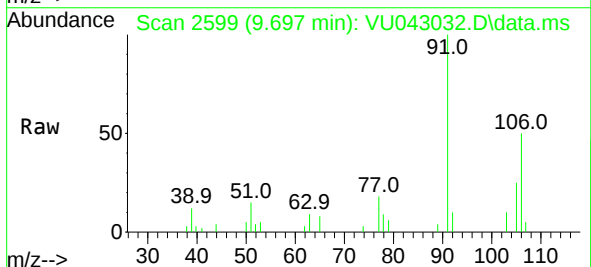
Instrument :
MSVOA_U
ClientSampled :
FS-SB10X

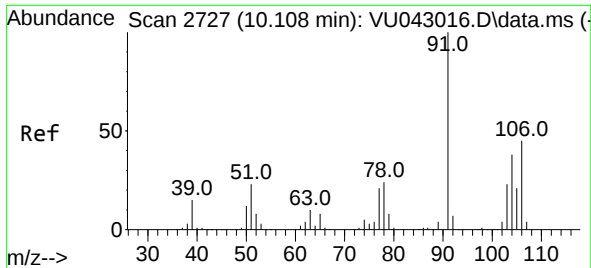
Tgt Ion: 91 Resp: 4916
Ion Ratio Lower Upper
91 100
106 27.5 24.1 36.1



#68
m/p-Xylenes
Concen: 1.71 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

Tgt Ion: 106 Resp: 4643
Ion Ratio Lower Upper
106 100
91 195.3 169.9 254.9

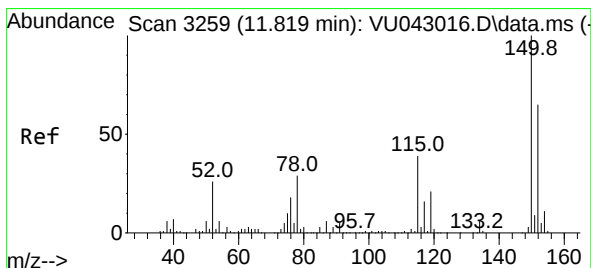
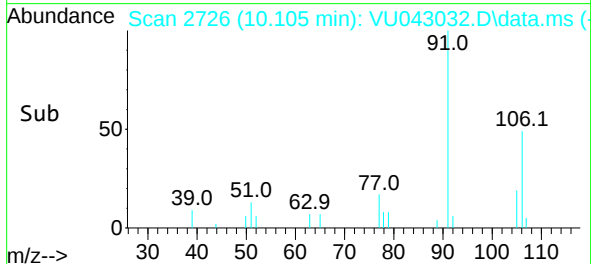
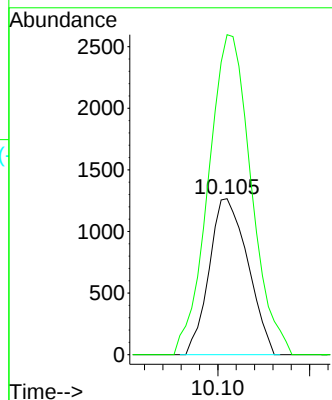
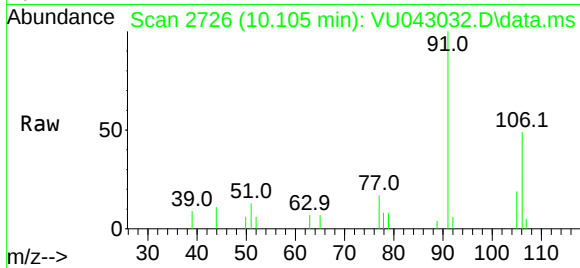




#69
o-Xylene
Concen: 0.70 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

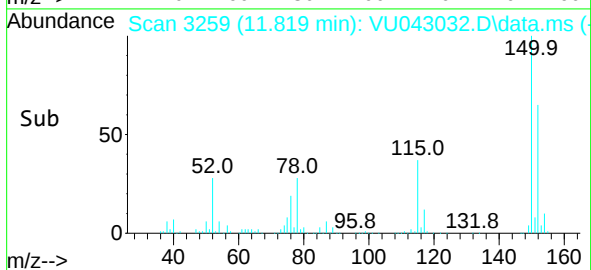
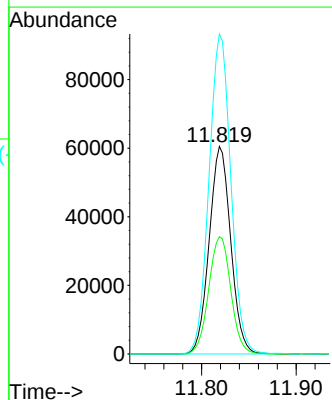
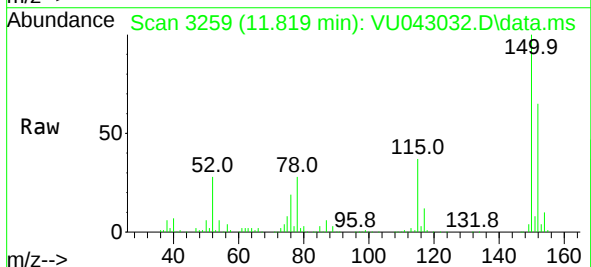
Instrument :
MSVOA_U
ClientSampled :
FS-SB10X

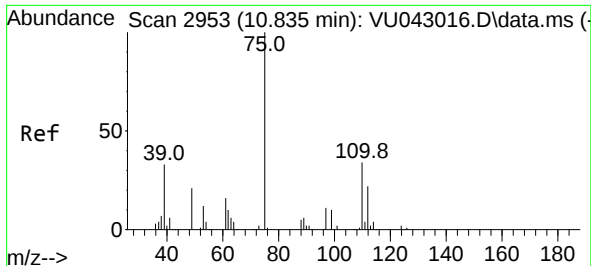
Tgt Ion:106 Resp: 1846
Ion Ratio Lower Upper
106 100
91 227.5 111.2 333.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

Tgt Ion:152 Resp: 95857
Ion Ratio Lower Upper
152 100
115 57.7 41.5 124.6
150 156.0 0.0 342.4

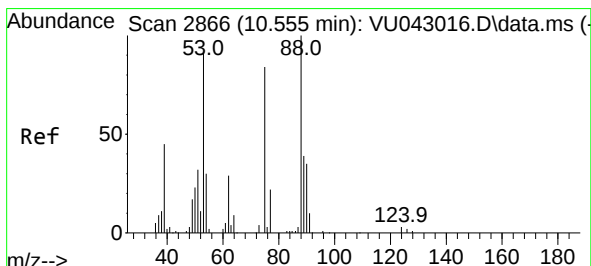
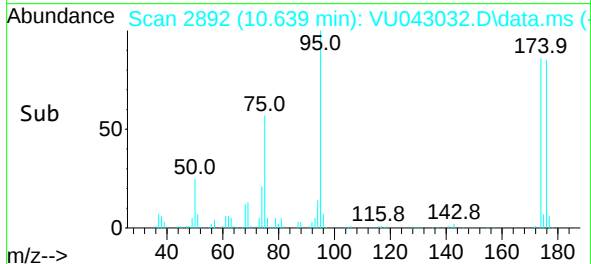
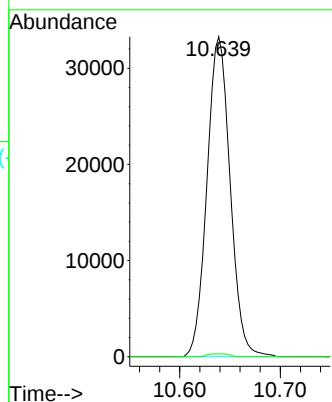
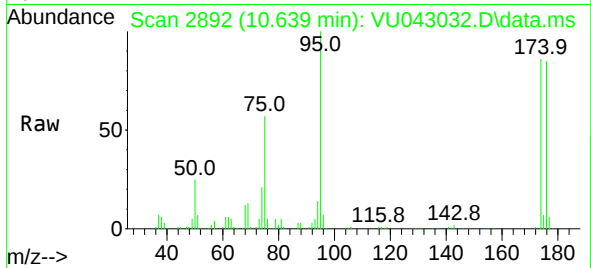




#76
1,2,3-Trichloropropane
Concen: 19.02 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

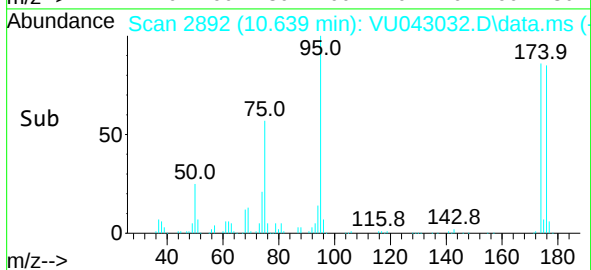
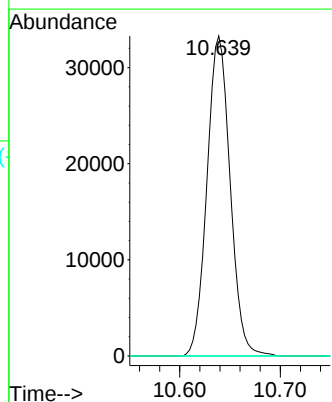
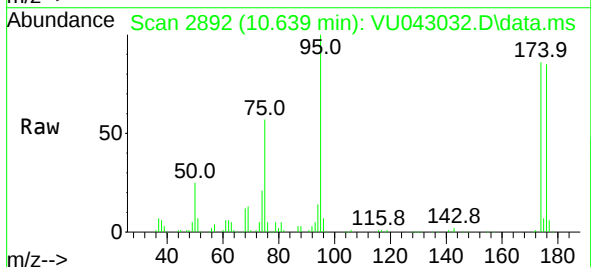
Instrument :
MSVOA_U
ClientSampled :
FS-SB10X

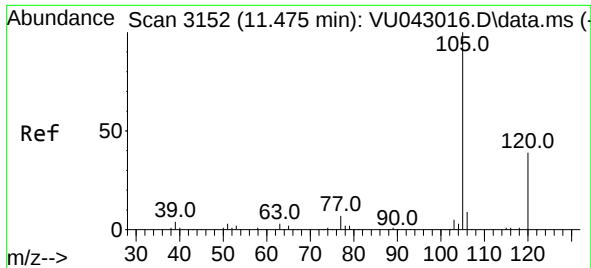
Tgt Ion: 75 Resp: 53278
Ion Ratio Lower Upper
75 100
77 0.8 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.89 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

Tgt Ion: 75 Resp: 53278
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#

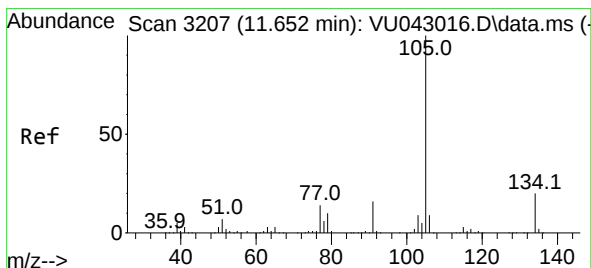
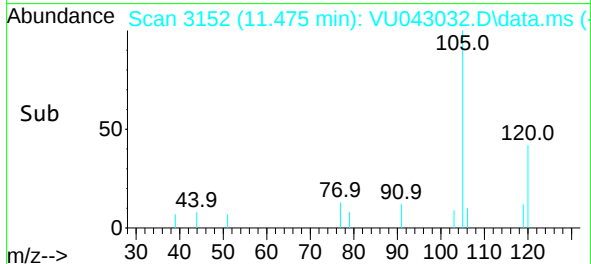
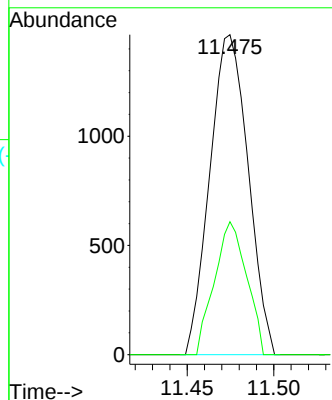
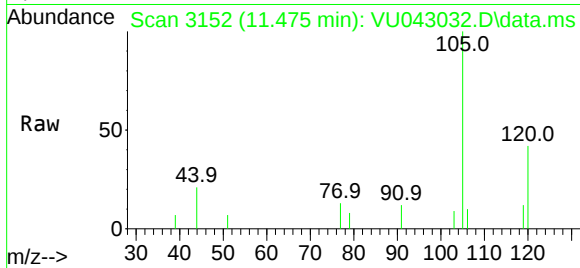




#84
1,2,4-Trimethylbenzene
Concen: 0.39 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

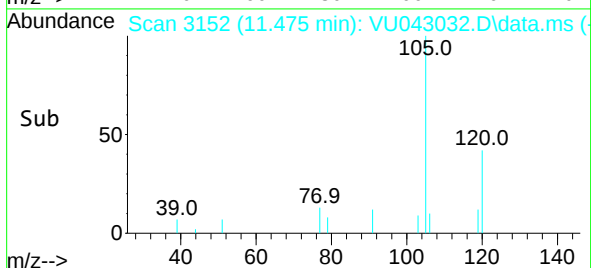
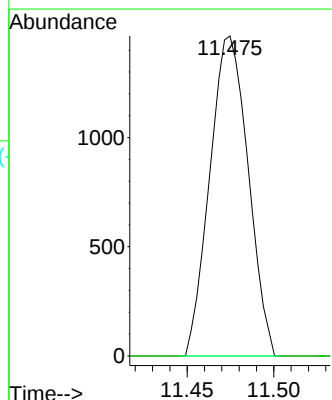
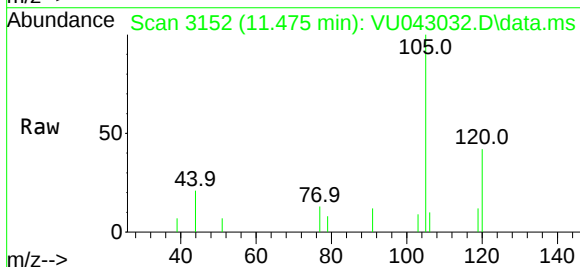
Instrument :
MSVOA_U
ClientSampleId :
FS-SB10X

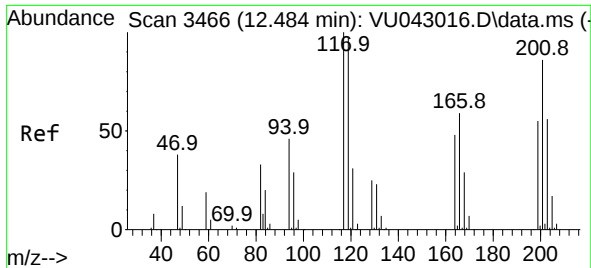
Tgt Ion:105 Resp: 2252
Ion Ratio Lower Upper
105 100
120 34.9 22.3 66.8



#85
sec-Butylbenzene
Concen: 0.34 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.177 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

Tgt Ion:105 Resp: 2252
Ion Ratio Lower Upper
105 100
134 0.0 10.0 30.0#

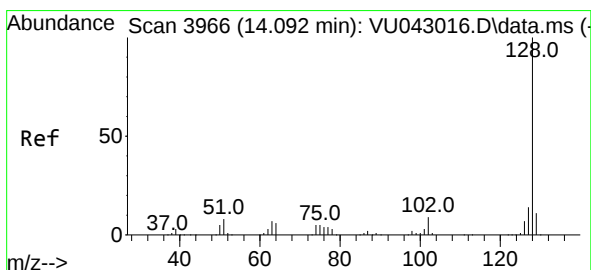
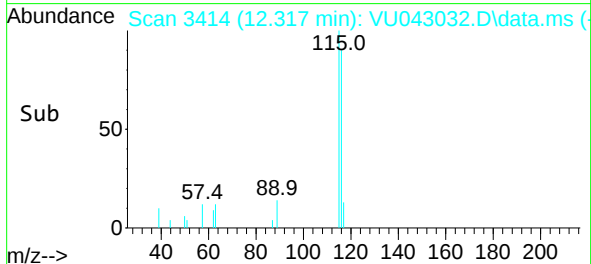
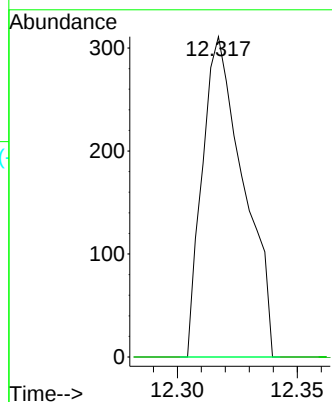
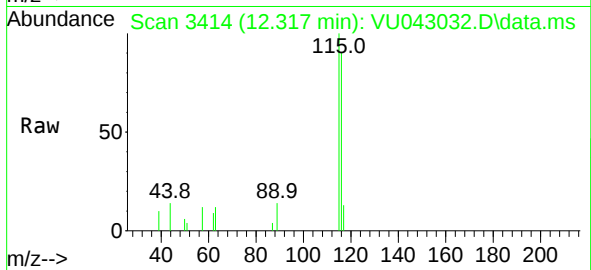




#90
Hexachloroethane
Concen: 0.33 ug/l
RT: 12.317 min Scan# 3414
Delta R.T. -0.167 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

Instrument :
MSVOA_U
ClientSampleId :
FS-SB10X

Tgt Ion:117 Resp: 371
Ion Ratio Lower Upper
117 100
201 0.0 43.5 130.7#



#95
Naphthalene
Concen: 4.12 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043032.D
Acq: 12 Apr 2021 18:42

Tgt Ion:128 Resp: 10123
Ion Ratio Lower Upper
128 100
127 10.7 10.8 16.2#
129 10.3 8.6 13.0

