

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033121\
 Data File : VU042861.D
 Acq On : 31 Mar 2021 16:40
 Operator : SY/MD
 Sample : M1828-04
 Misc : 6.94g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FS-SB14(5-6)

Quant Time: Apr 01 04:43:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

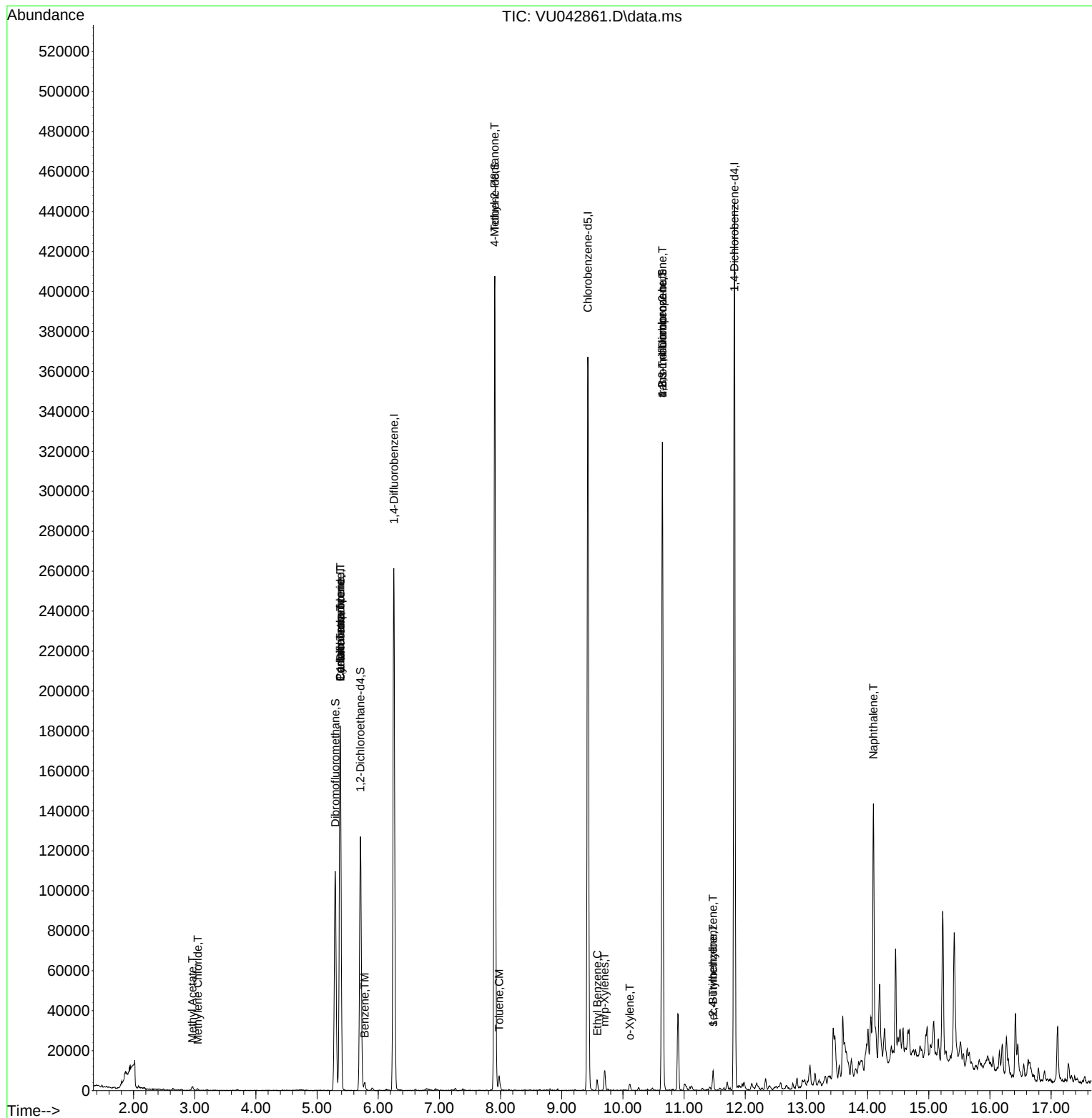
Internal Standards						
1) Pentafluorobenzene	5.378	168	125769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	200835	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	197042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	107965	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	99442	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
35) Dibromofluoromethane	5.298	113	68234	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
50) Toluene-d8	7.906	98	251822	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
62) 4-Bromofluorobenzene	10.645	95	99684	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
Target Compounds					Qvalue	
5) Bromomethane	1.851	94	284	Below Cal	#	61
6) Chloroethane	1.903	64	69	Below Cal	#	43
16) Acetone	2.645	43	1142	Below Cal	#	86
18) Methyl Acetate	2.960	43	2100	0.91 ug/l	#	71
20) Methylene Chloride	3.051	84	330	0.23 ug/l	#	84
31) Cyclohexane	5.378	56	3294	1.32 ug/l	#	25
36) 1,1-Dichloropropene	5.378	75	10264	5.17 ug/l	#	51
38) Carbon Tetrachloride	5.378	117	12280	5.42 ug/l	#	16
40) Benzene	5.780	78	2975	0.50 ug/l		93
51) 4-Methyl-2-Pentanone	7.902	43	1421	0.44 ug/l	#	1
52) Toluene	7.976	92	2674	0.74 ug/l		93
67) Ethyl Benzene	9.581	91	3788	0.53 ug/l		100
68) m/p-Xylenes	9.700	106	2856	1.08 ug/l		95
69) o-Xylene	10.111	106	1162	0.45 ug/l		60
76) 1,2,3-Trichloropropane	10.645	75	56646	20.63 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	10.645	75	56646	61.12 ug/l	#	6
84) 1,2,4-Trimethylbenzene	11.475	105	4522	0.76 ug/l		100
85) sec-Butylbenzene	11.475	105	4522	0.67 ug/l	#	57
95) Naphthalene	14.095	128	85050	13.60 ug/l		100

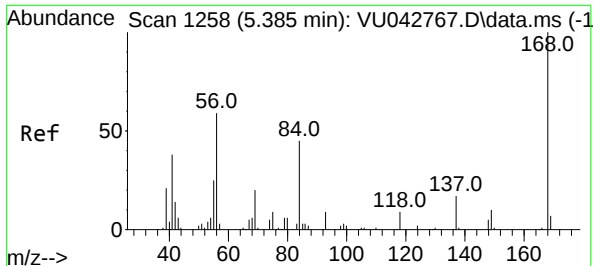
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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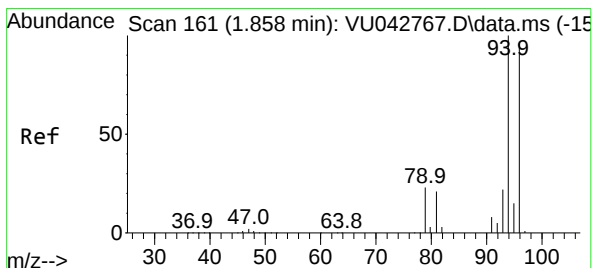
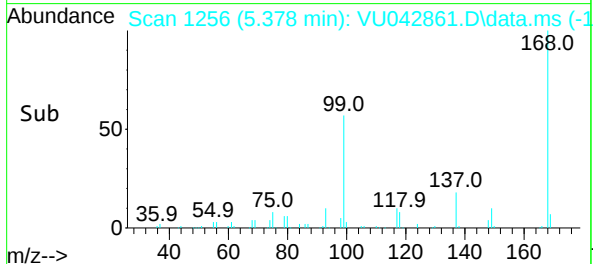
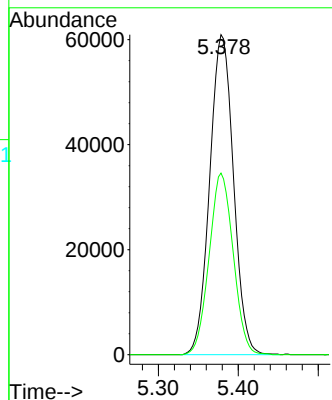
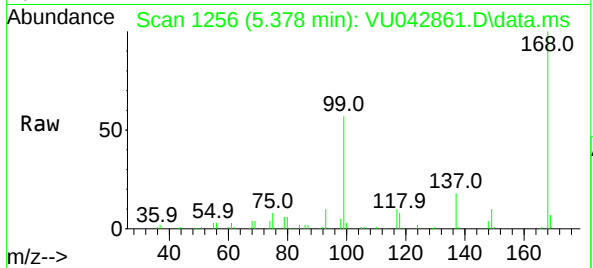




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.007 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

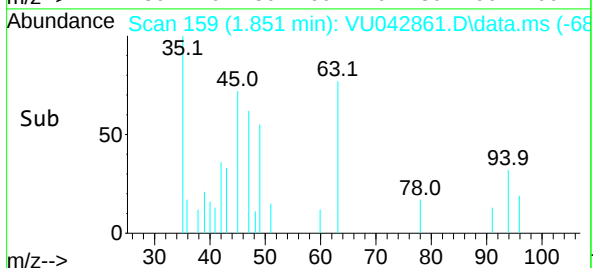
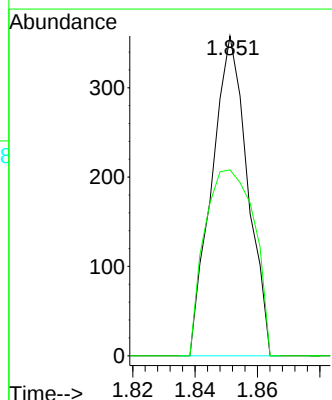
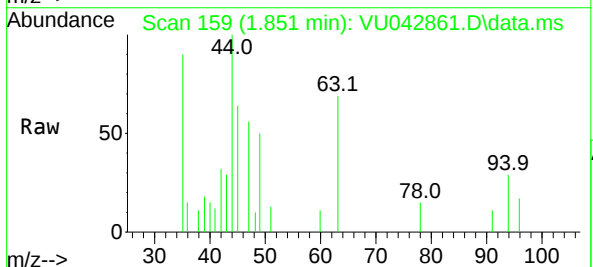
Instrument :
MSVOA_U
ClientSampleId :
FS-SB14(5-6)

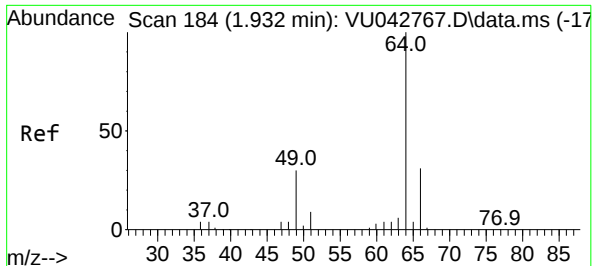
Tgt Ion:168 Resp: 125769
Ion Ratio Lower Upper
168 100
99 56.8 46.4 69.6



#5
Bromomethane
Concen: Below Cal
RT: 1.851 min Scan# 159
Delta R.T. -0.007 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

Tgt Ion: 94 Resp: 284
Ion Ratio Lower Upper
94 100
96 58.1 77.1 115.7#

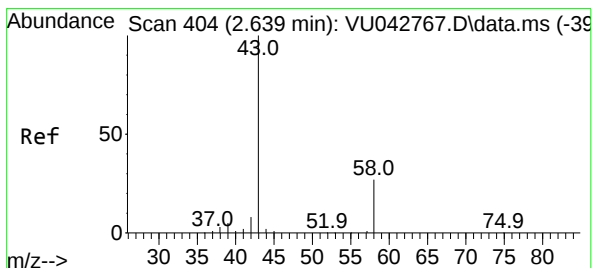
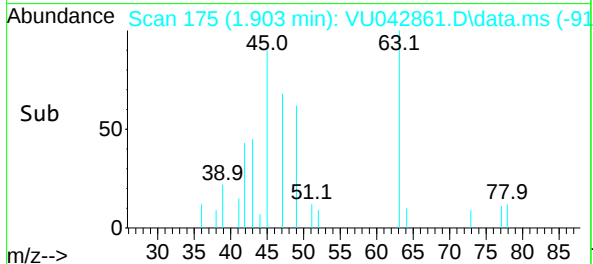
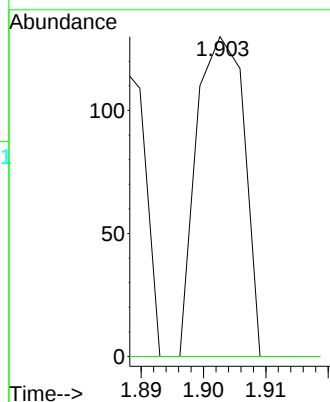
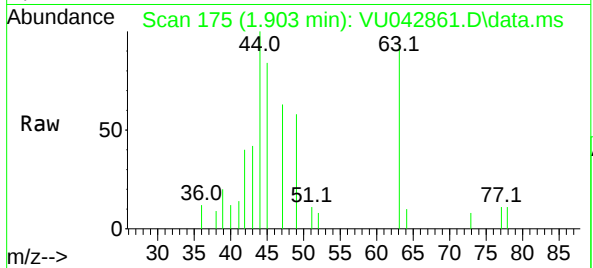




#6
Chloroethane
Concen: Below Cal
RT: 1.903 min Scan# 175
Delta R.T. -0.029 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

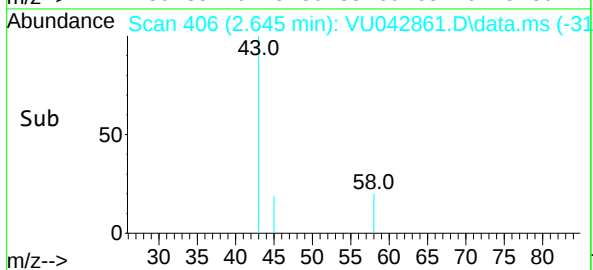
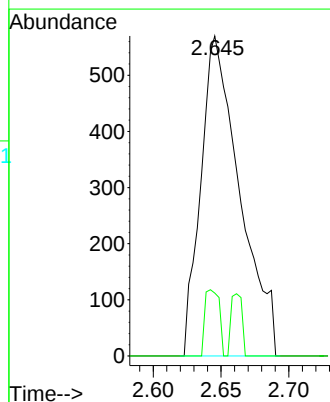
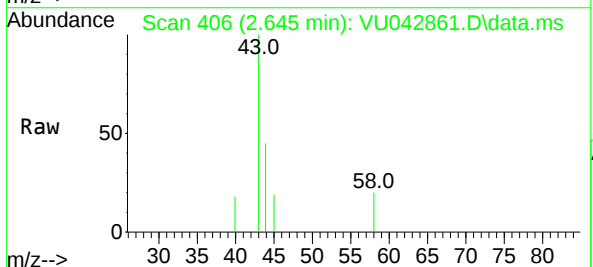
Instrument :
MSVOA_U
ClientSampleId :
FS-SB14(5-6)

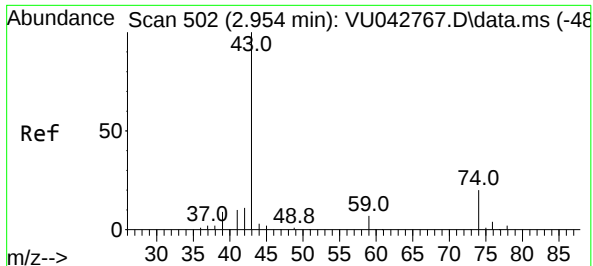
Tgt Ion: 64 Resp: 69
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#



#16
Acetone
Concen: Below Cal
RT: 2.645 min Scan# 406
Delta R.T. 0.006 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

Tgt Ion: 43 Resp: 1142
Ion Ratio Lower Upper
43 100
58 19.6 21.6 32.4#

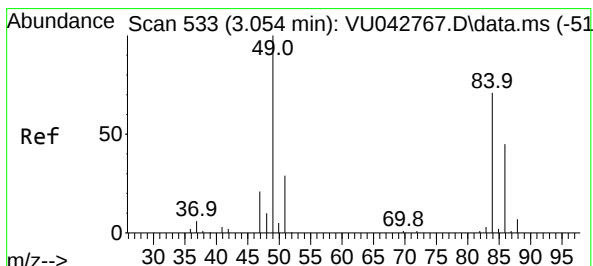
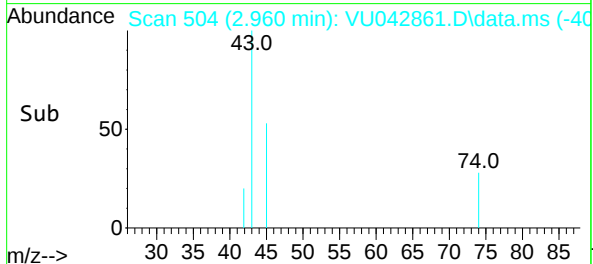
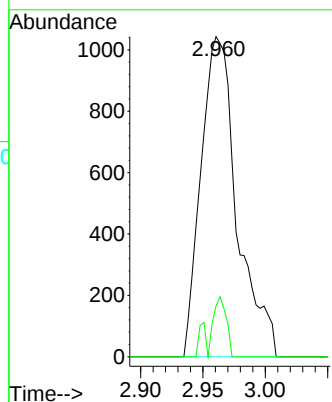
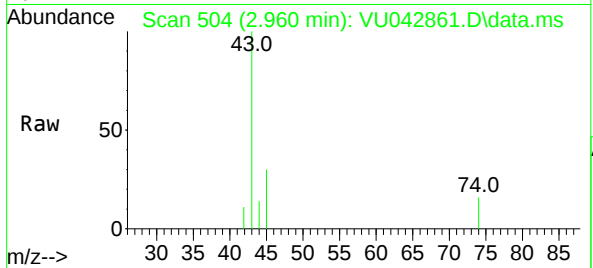




#18
Methyl Acetate
Concen: 0.91 ug/l
RT: 2.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

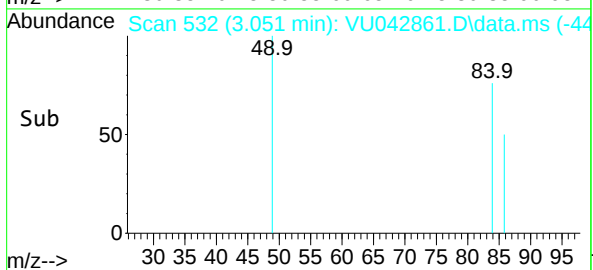
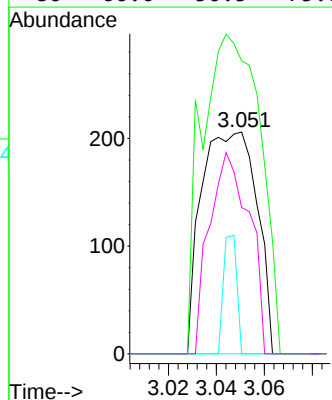
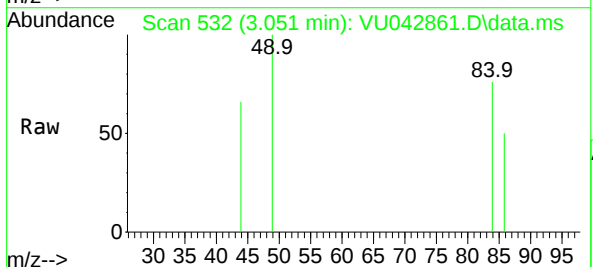
Instrument :
MSVOA_U
ClientSampleId :
FS-SB14(5-6)

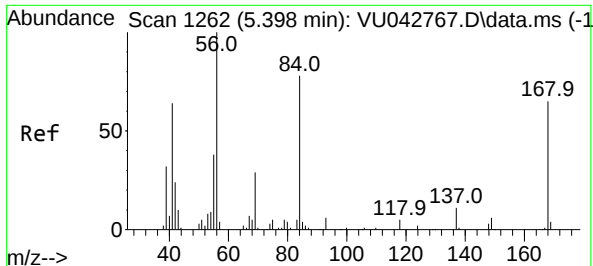
Tgt Ion: 43 Resp: 2100
Ion Ratio Lower Upper
43 100
74 6.7 16.2 24.4#



#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

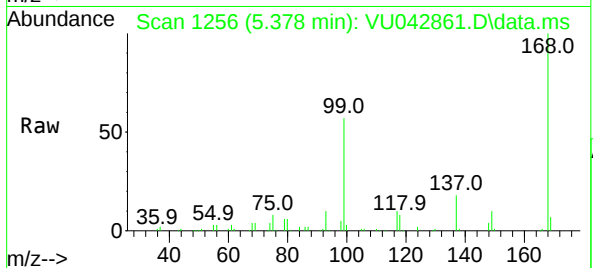
Tgt Ion: 84 Resp: 330
Ion Ratio Lower Upper
84 100
49 132.0 113.0 169.4
51 0.0 32.9 49.3#
86 66.0 50.5 75.7



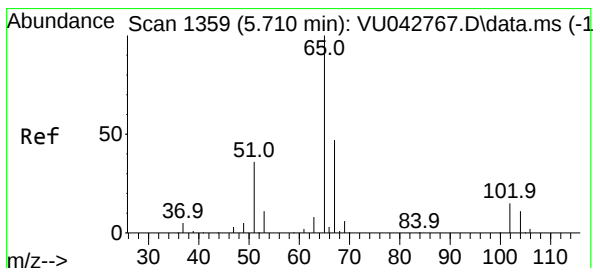
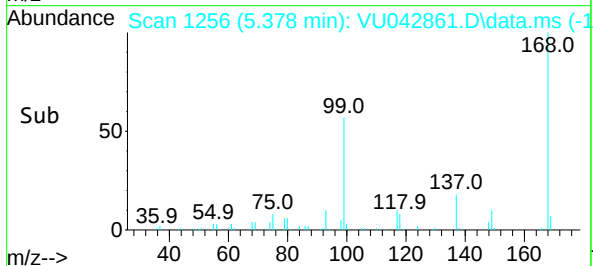
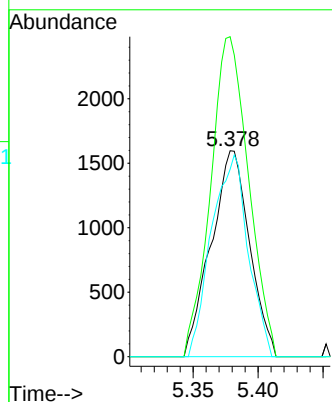


#31
Cyclohexane
Concen: 1.32 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.020 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

Instrument :
MSVOA_U
ClientSampleId :
FS-SB14(5-6)

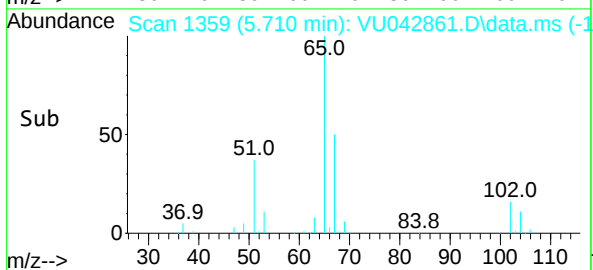
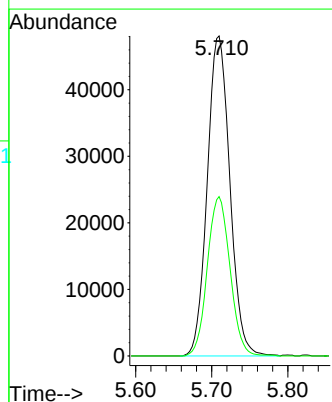
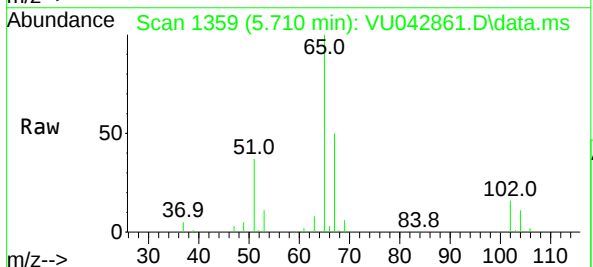


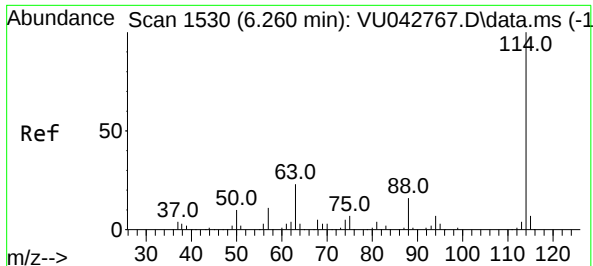
Tgt Ion: 56 Resp: 3294
Ion Ratio Lower Upper
56 100
69 155.4 23.3 34.9#
84 91.0 62.2 93.4



#33
1,2-Dichloroethane-d4
Concen: 49.60 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

Tgt Ion: 65 Resp: 99442
Ion Ratio Lower Upper
65 100
67 49.9 0.0 98.8

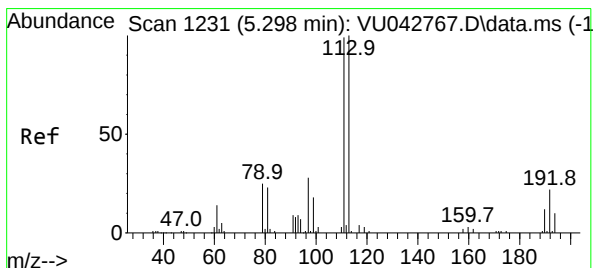
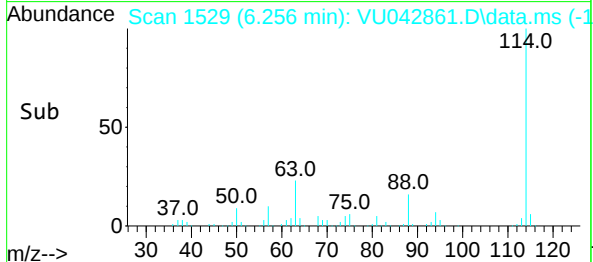
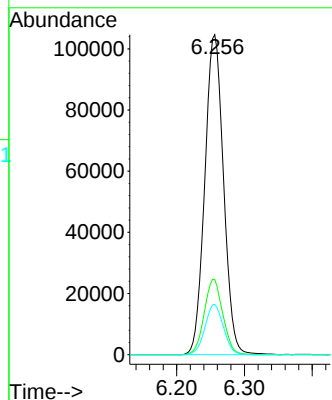
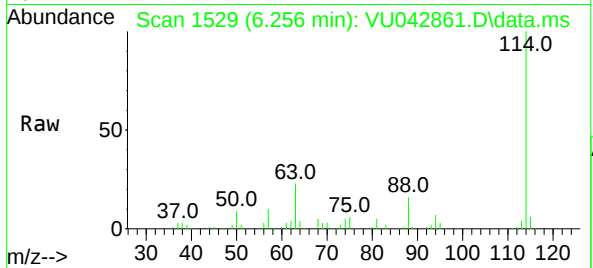




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.004 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

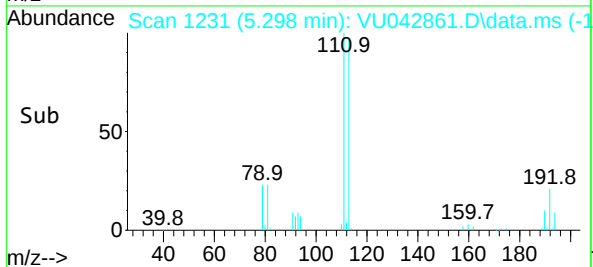
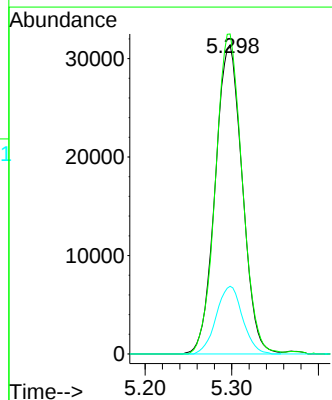
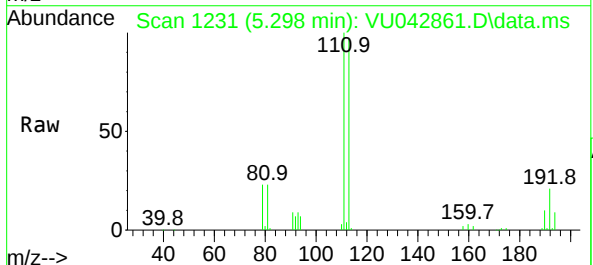
Instrument :
MSVOA_U
ClientSampleId :
FS-SB14(5-6)

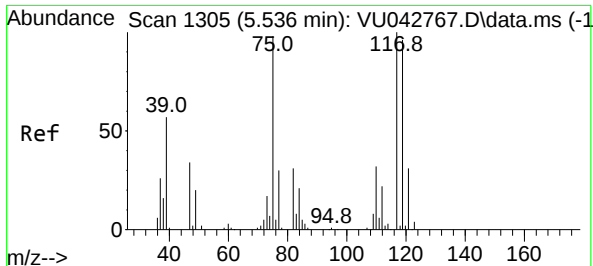
Tgt Ion:114 Resp: 200835
Ion Ratio Lower Upper
114 100
63 23.5 0.0 46.8
88 15.8 0.0 32.2



#35
Dibromofluoromethane
Concen: 45.52 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

Tgt Ion:113 Resp: 68234
Ion Ratio Lower Upper
113 100
111 101.8 82.1 123.1
192 21.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.17 ug/l

RT: 5.378 min Scan# 1256

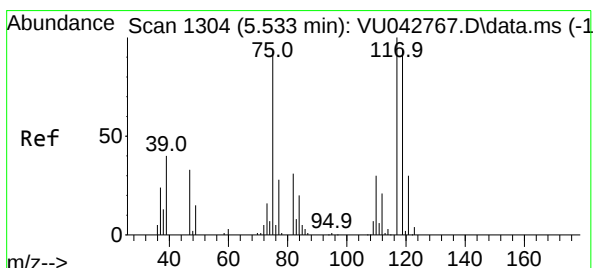
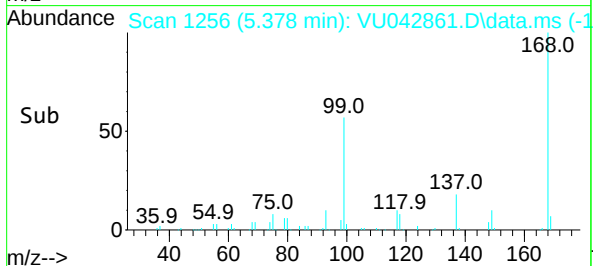
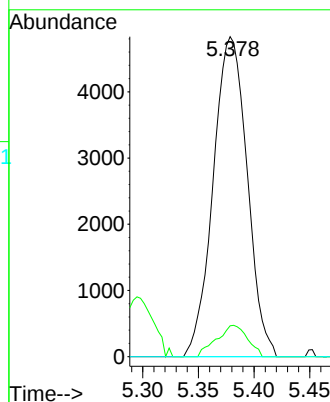
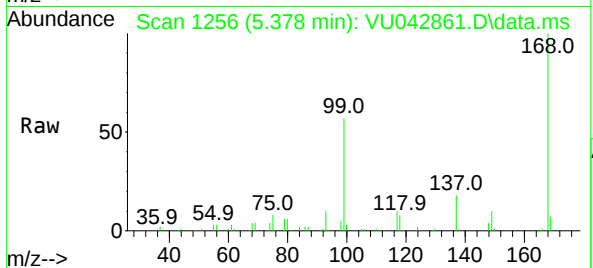
Delta R.T. -0.158 min

Lab File: VU042861.D

Acq: 31 Mar 2021 16:40

Tgt Ion:	75	Resp:	10264
Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.6	49.7#
77	0.0	24.7	37.1#

Instrument :
MSVOA_U
ClientSampleId :
FS-SB14(5-6)



#38

Carbon Tetrachloride

Concen: 5.42 ug/l

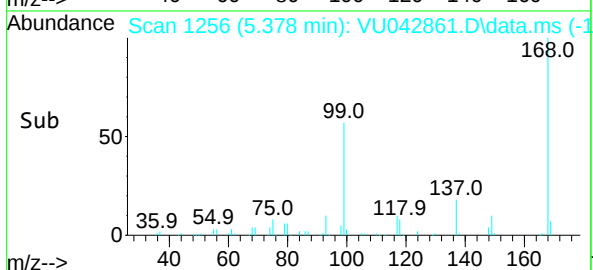
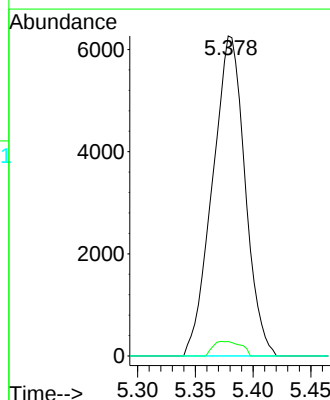
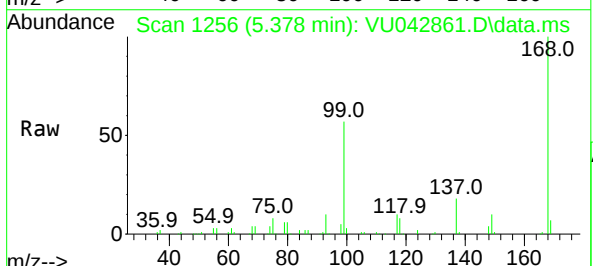
RT: 5.378 min Scan# 1256

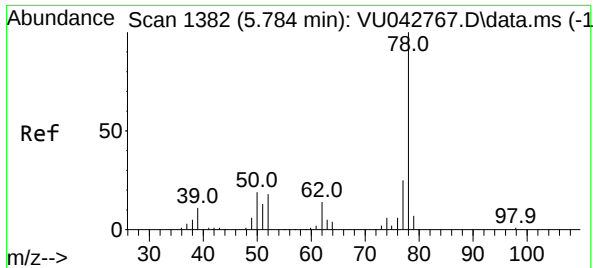
Delta R.T. -0.155 min

Lab File: VU042861.D

Acq: 31 Mar 2021 16:40

Tgt Ion:	117	Resp:	12280
Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.2	112.8#
121	0.0	24.2	36.4#

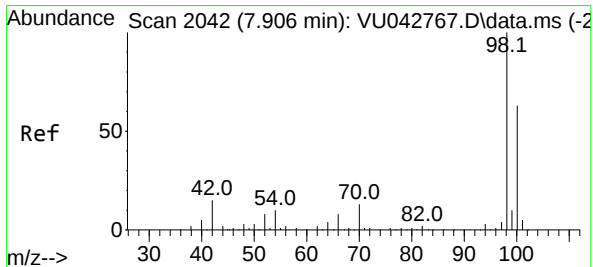
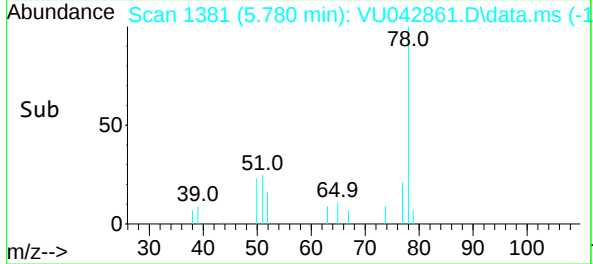
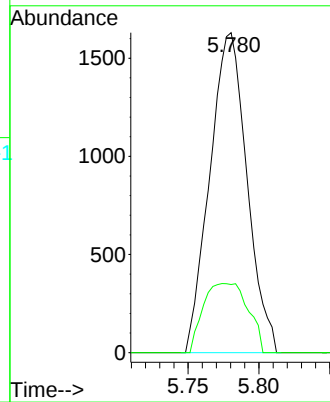
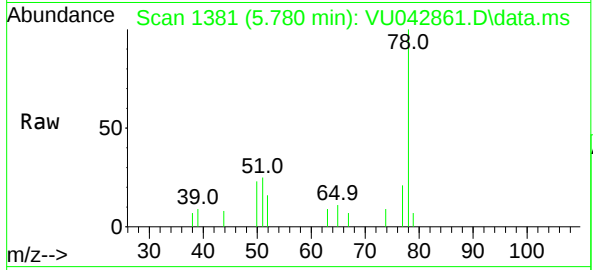




#40
Benzene
Concen: 0.50 ug/l
RT: 5.780 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

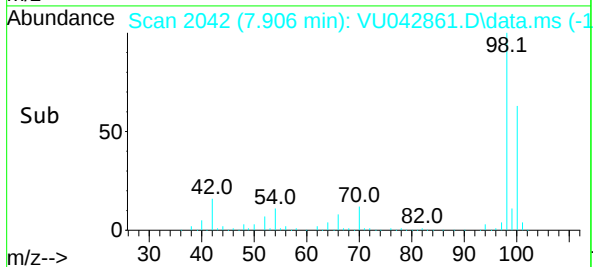
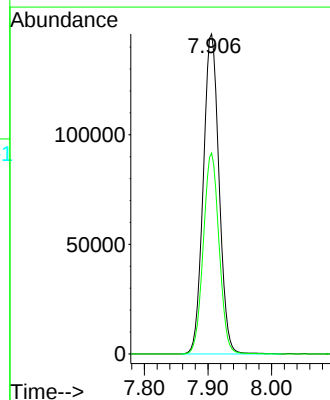
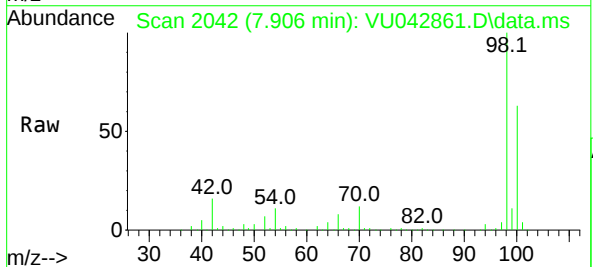
Instrument :
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ClientSampleId :
FS-SB14(5-6)

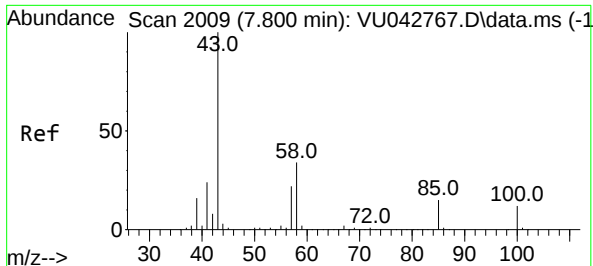
Tgt Ion: 78 Resp: 2975
Ion Ratio Lower Upper
78 100
77 21.3 19.9 29.9



#50
Toluene-d8
Concen: 47.76 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

Tgt Ion: 98 Resp: 251822
Ion Ratio Lower Upper
98 100
100 62.6 50.4 75.6

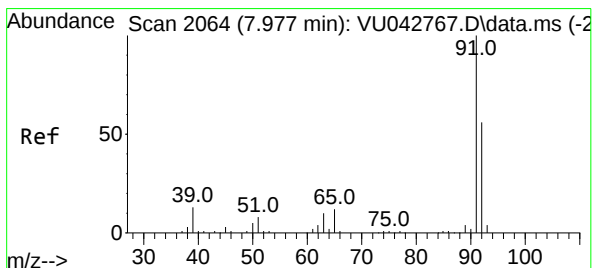
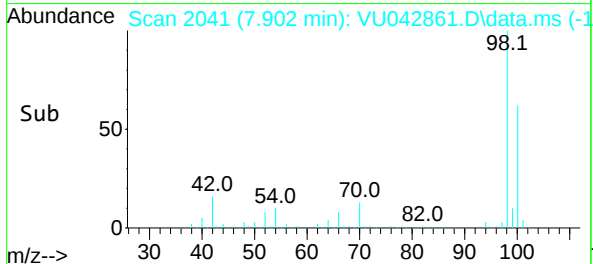
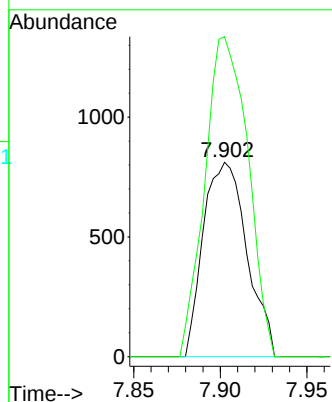
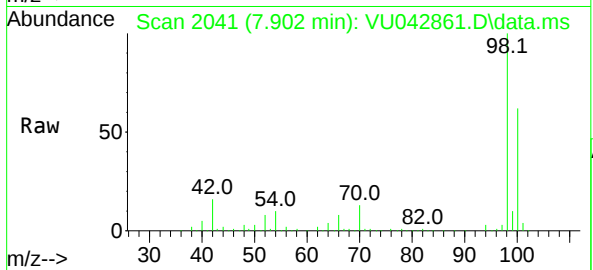




#51
4-Methyl-2-Pentanone
Concen: 0.44 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.103 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

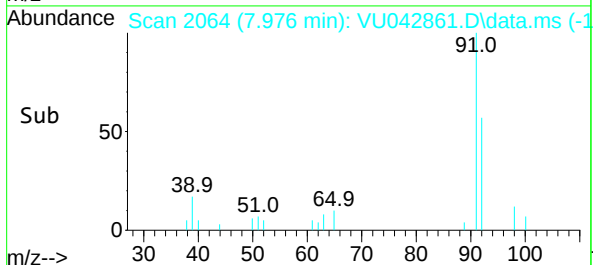
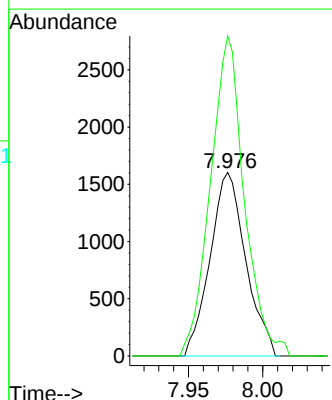
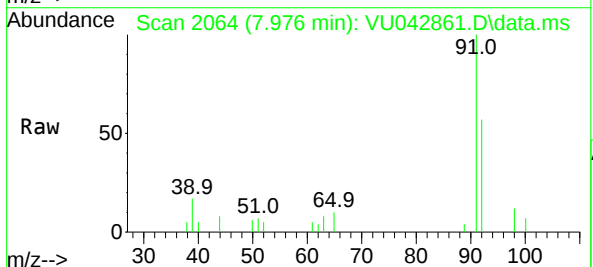
Instrument :
MSVOA_U
ClientSampleId :
FS-SB14(5-6)

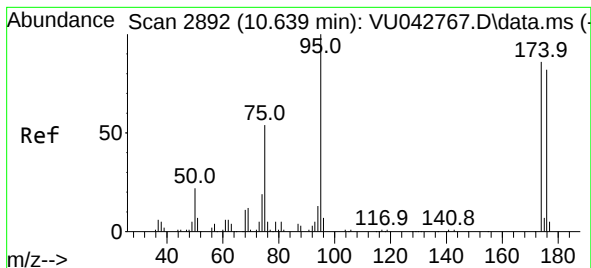
Tgt Ion: 43 Resp: 1421
Ion Ratio Lower Upper
43 100
58 162.4 27.4 41.2#



#52
Toluene
Concen: 0.74 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

Tgt Ion: 92 Resp: 2674
Ion Ratio Lower Upper
92 100
91 166.1 140.6 210.8

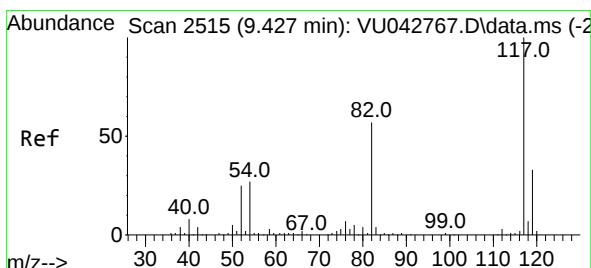
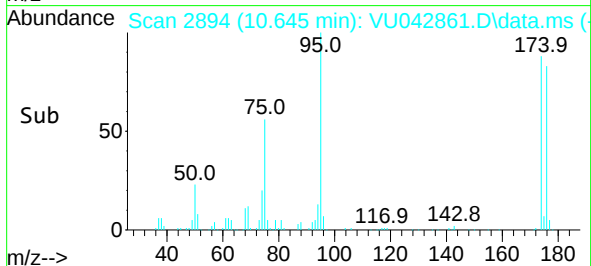
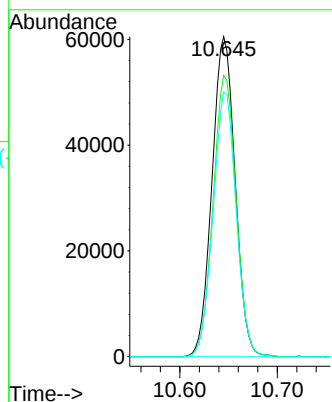
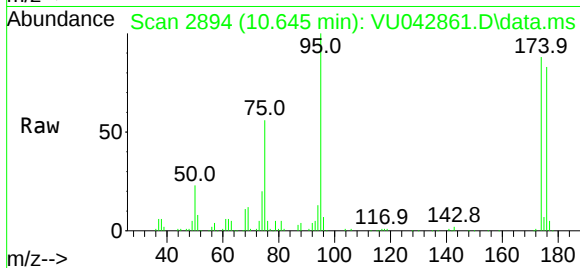




#62
4-Bromofluorobenzene
Concen: 48.65 ug/l
RT: 10.645 min Scan# 2894
Delta R.T. 0.006 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

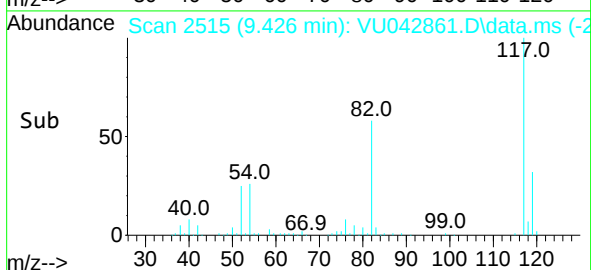
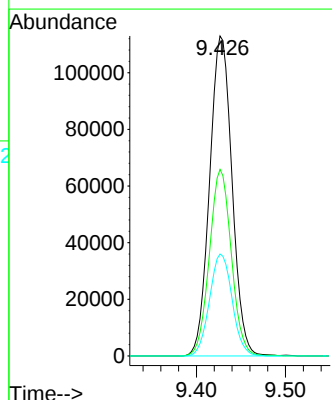
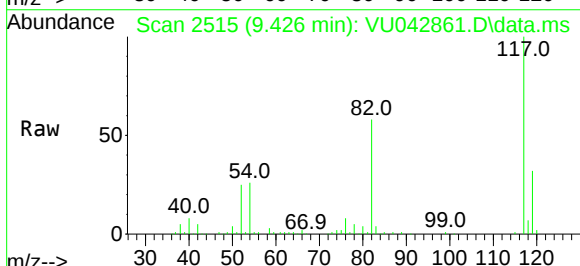
Instrument :
MSVOA_U
ClientSampleId :
FS-SB14(5-6)

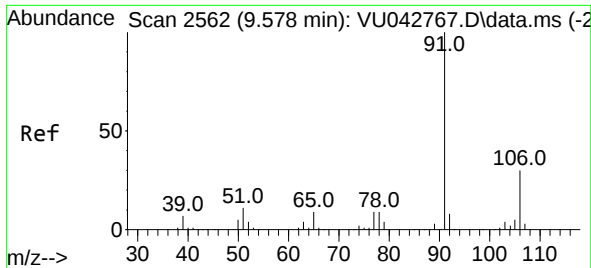
Tgt Ion:	95	Resp:	99684
Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	175.2
176	82.8	0.0	167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.426 min Scan# 2515
Delta R.T. -0.000 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

Tgt Ion:	117	Resp:	197042
Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.5	68.3
119	31.9	26.2	39.4





#67

Ethyl Benzene

Concen: 0.53 ug/l

RT: 9.581 min Scan# 2563

Delta R.T. 0.003 min

Lab File: VU042861.D

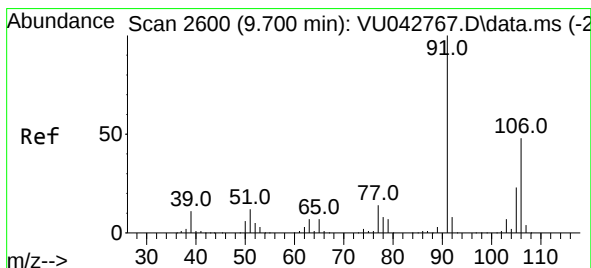
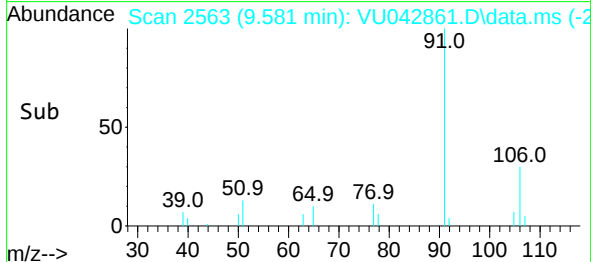
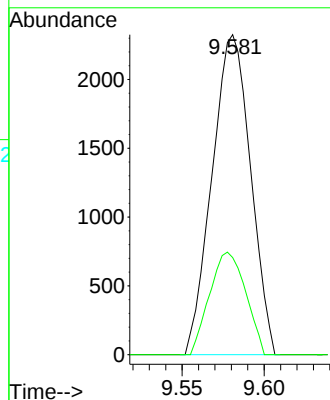
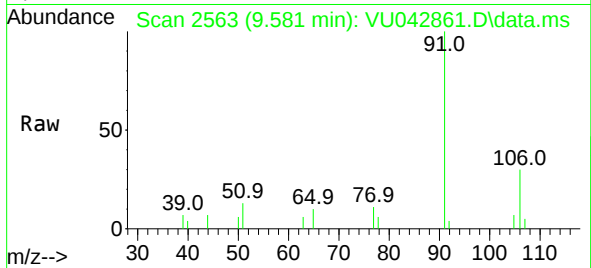
Acq: 31 Mar 2021 16:40

Tgt Ion: 91 Resp: 3788

Ion Ratio Lower Upper

91 100

106 30.4 24.1 36.1



#68

m/p-Xylenes

Concen: 1.08 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. -0.000 min

Lab File: VU042861.D

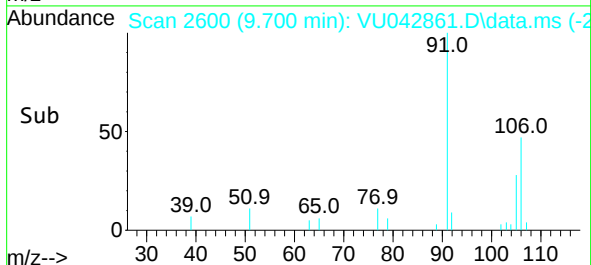
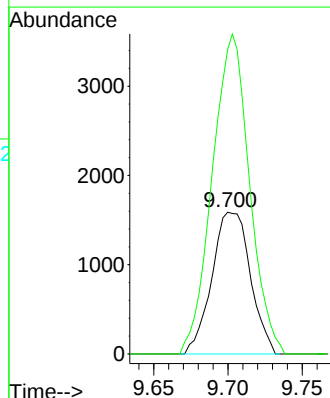
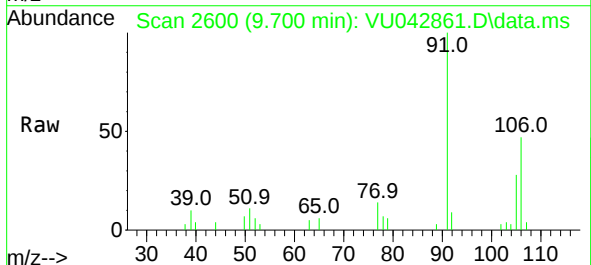
Acq: 31 Mar 2021 16:40

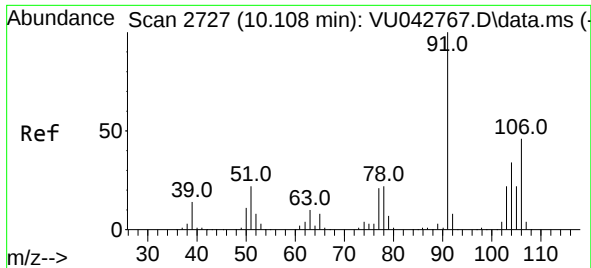
Tgt Ion: 106 Resp: 2856

Ion Ratio Lower Upper

106 100

91 218.7 168.3 252.5

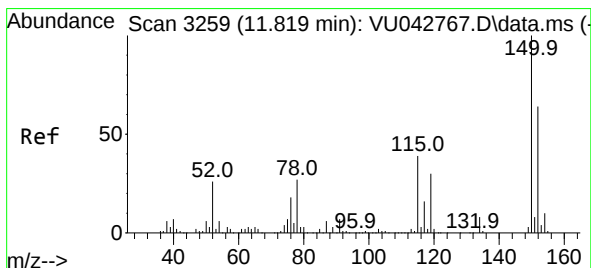
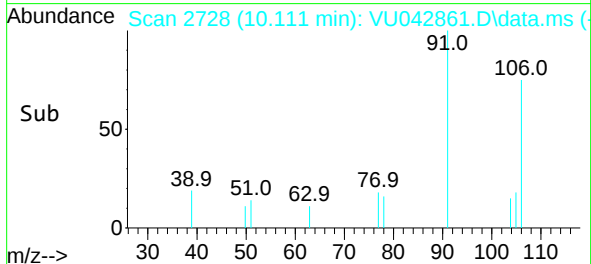
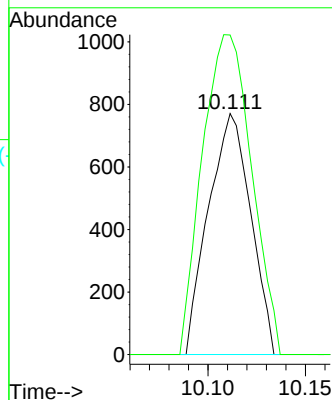
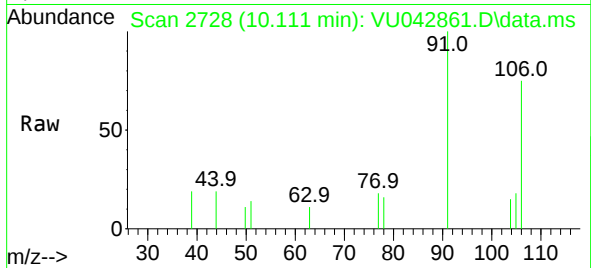




#69
o-Xylene
Concen: 0.45 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

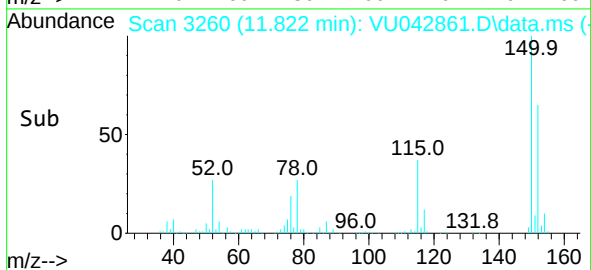
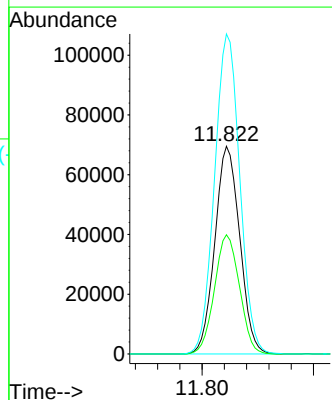
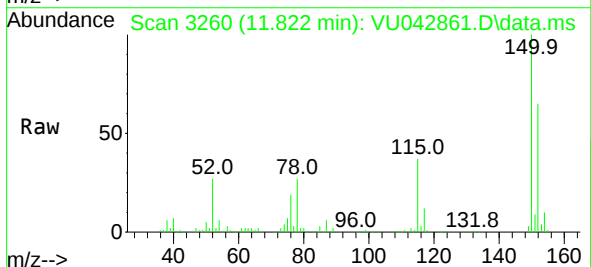
Instrument :
MSVOA_U
ClientSampleId :
FS-SB14(5-6)

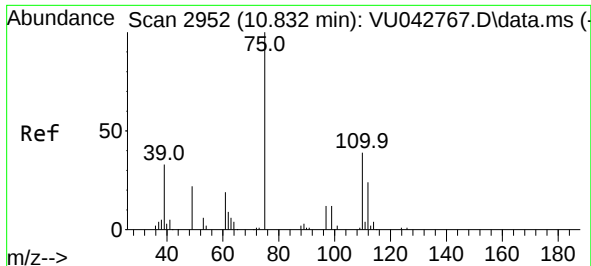
Tgt Ion:106 Resp: 1162
Ion Ratio Lower Upper
106 100
91 155.0 109.9 329.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.822 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

Tgt Ion:152 Resp: 107965
Ion Ratio Lower Upper
152 100
115 57.5 41.0 123.0
150 156.1 0.0 341.0

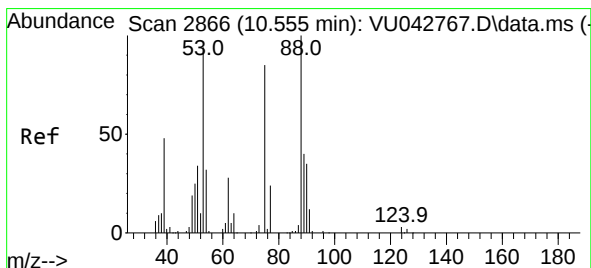
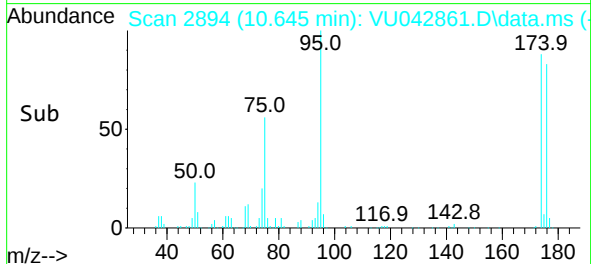
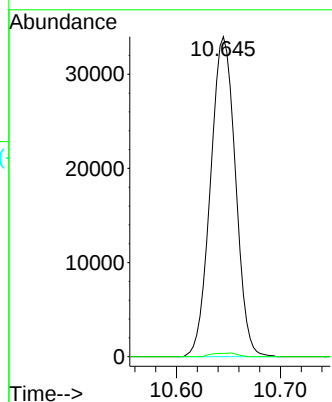
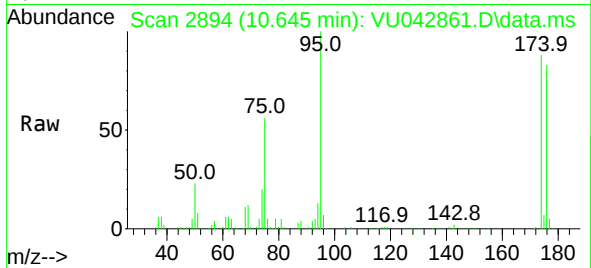




#76
1,2,3-Trichloropropane
Concen: 20.63 ug/l
RT: 10.645 min Scan# 2894
Delta R.T. -0.187 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

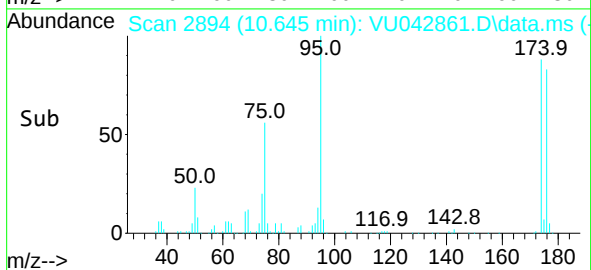
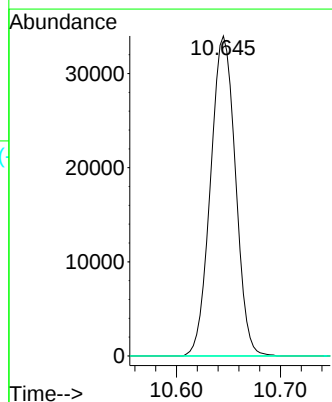
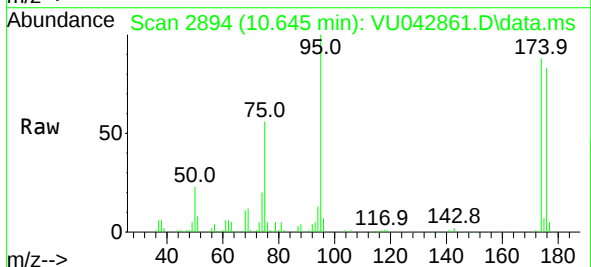
Instrument :
MSVOA_U
ClientSampleId :
FS-SB14(5-6)

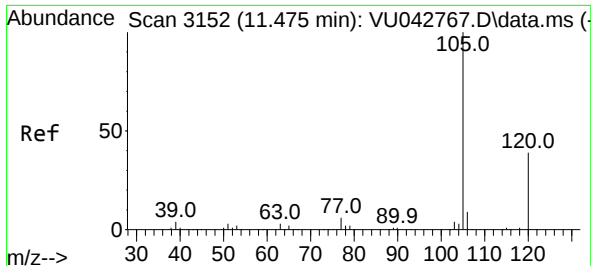
Tgt Ion: 75 Resp: 56646
Ion Ratio Lower Upper
75 100
77 1.1 19.6 58.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.12 ug/l
RT: 10.645 min Scan# 2894
Delta R.T. 0.090 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

Tgt Ion: 75 Resp: 56646
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#

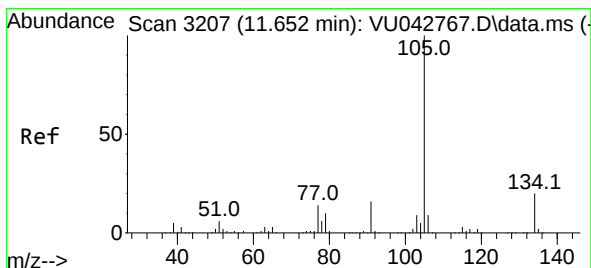
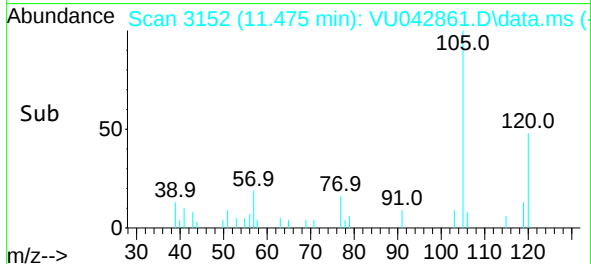
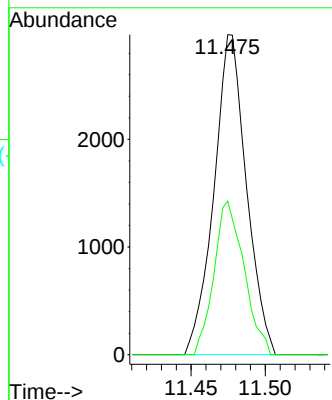
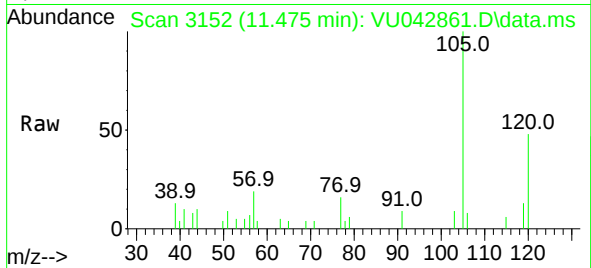




#84
1,2,4-Trimethylbenzene
Concen: 0.76 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

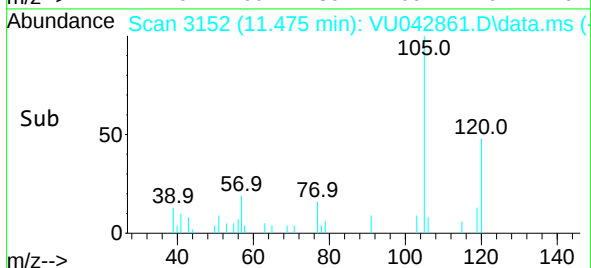
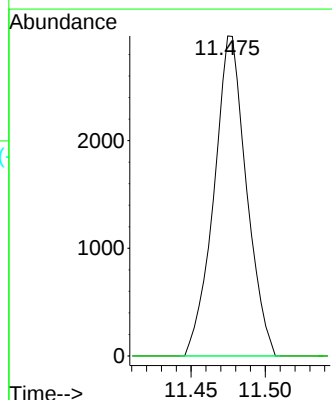
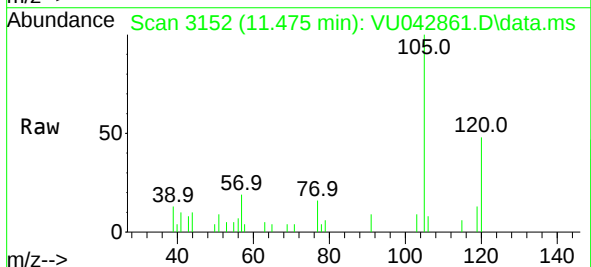
Instrument :
MSVOA_U
ClientSampleId :
FS-SB14(5-6)

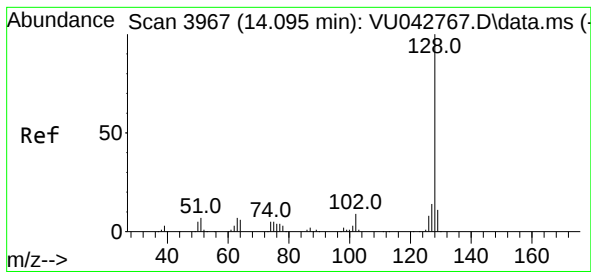
Tgt Ion:105 Resp: 4522
Ion Ratio Lower Upper
105 100
120 44.4 22.3 66.8



#85
sec-Butylbenzene
Concen: 0.67 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.177 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

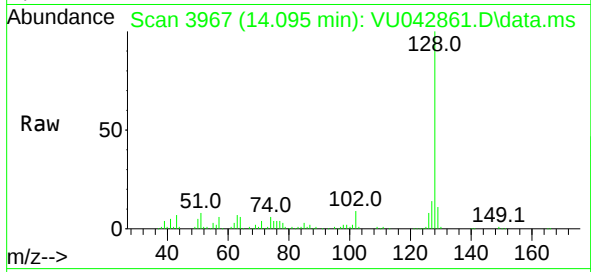
Tgt Ion:105 Resp: 4522
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.5#





#95
Naphthalene
Concen: 13.60 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042861.D
Acq: 31 Mar 2021 16:40

Instrument :
MSVOA_U
ClientSampleId :
FS-SB14(5-6)



Tgt Ion:128 Resp: 85050
Ion Ratio Lower Upper
128 100
127 13.7 10.9 16.3
129 10.9 8.7 13.1

