

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
 Data File : VU043670.D
 Acq On : 12 May 2021 12:27
 Operator : SY/MD
 Sample : VU0512WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 12 16:45:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 09:51:45 2021
 Response via : Initial Calibration

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

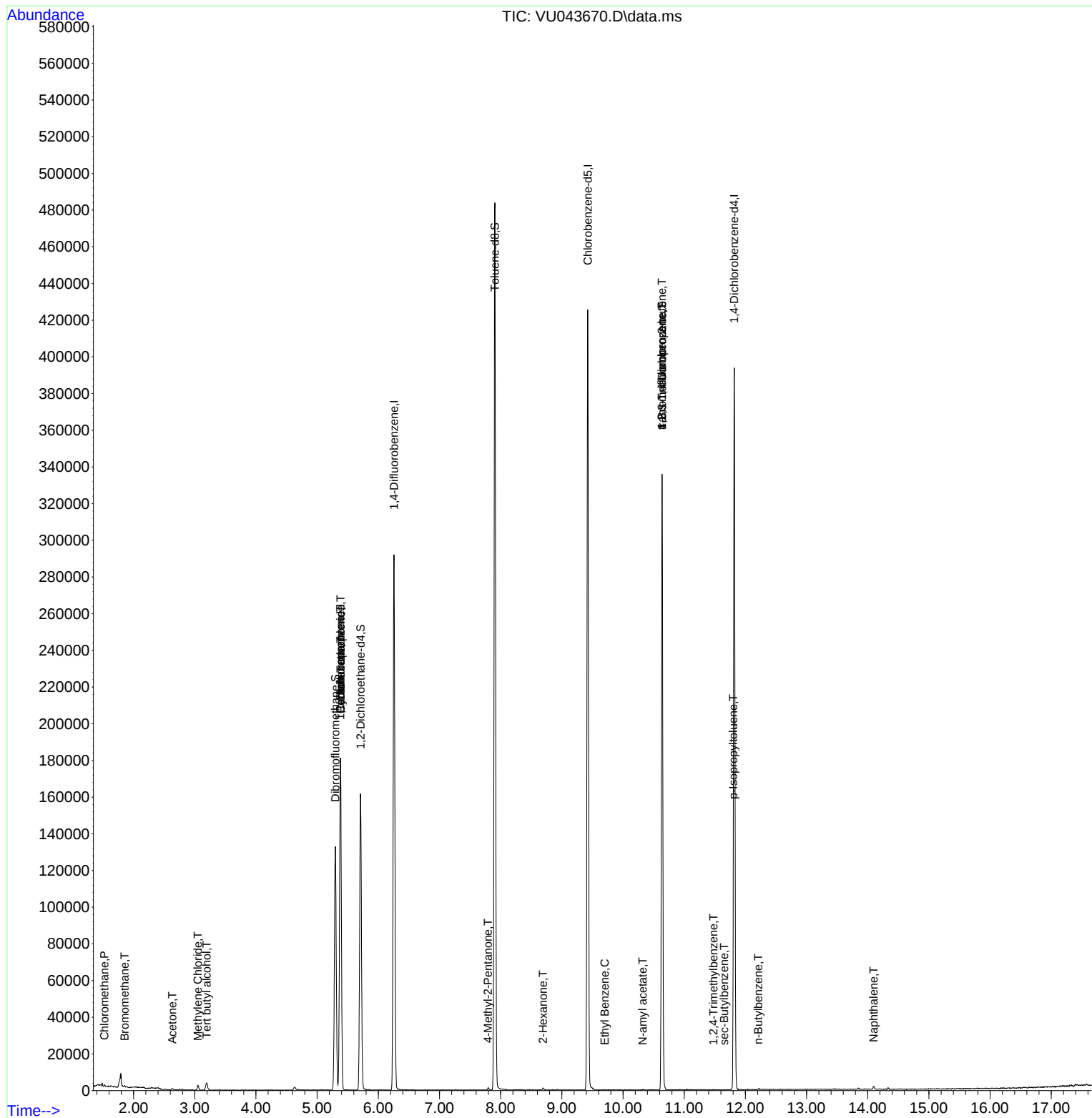
Internal Standards						
1) Pentafluorobenzene	5.382	168	114407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	209099	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	207227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	92846	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	122466	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
35) Dibromofluoromethane	5.298	113	82611	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
50) Toluene-d8	7.906	98	292913	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	10.639	95	100876	44.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.16%	
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	890	0.74	ug/l	94
5) Bromomethane	1.854	94	230	0.22	ug/l	94
11) Tert butyl alcohol	3.195	59	2891	4.65	ug/l #	73
16) Acetone	2.633	43	1069	0.83	ug/l	90
20) Methylene Chloride	3.051	84	1038	0.57	ug/l #	88
31) Cyclohexane	5.382	56	3560	1.29	ug/l #	21
36) 1,1-Dichloropropene	5.378	75	11071	4.66	ug/l #	48
38) Carbon Tetrachloride	5.382	117	12355	5.13	ug/l #	16
51) 4-Methyl-2-Pentanone	7.793	43	896	19.36	ug/l #	85
59) 2-Hexanone	8.693	43	960	20.94	ug/l	93
67) Ethyl Benzene	9.703	91	80	1.46	ug/l #	45
74) N-amyl acetate	10.320	43	116	2.54	ug/l #	49
76) 1,2,3-Trichloropropane	10.639	75	57001	19.31	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.639	75	57001	62.88	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.478	105	80	1.12	ug/l #	33
85) sec-Butylbenzene	11.652	105	114	1.35	ug/l #	59
86) p-Isopropyltoluene	11.803	119	139	1.49	ug/l #	1
89) n-Butylbenzene	12.211	91	372	2.58	ug/l #	75
95) Naphthalene	14.098	128	1724	1.74	ug/l #	81

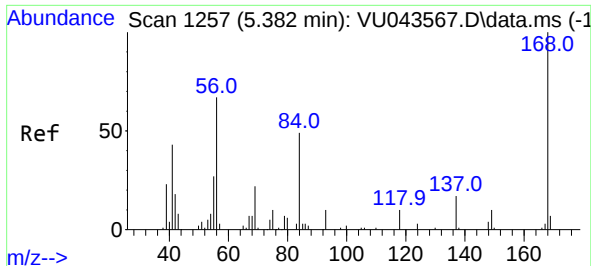
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
Data File : VU043670.D
Acq On : 12 May 2021 12:27
Operator : SY/MD
Sample : VU0512WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 12 16:45:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260
QLast Update : Tue May 11 09:51:45 2021
Response via : Initial Calibration

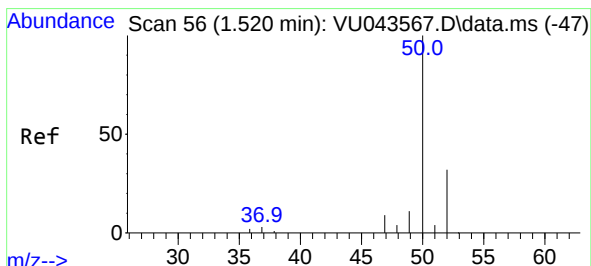
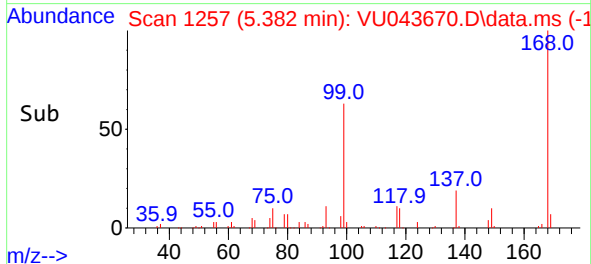
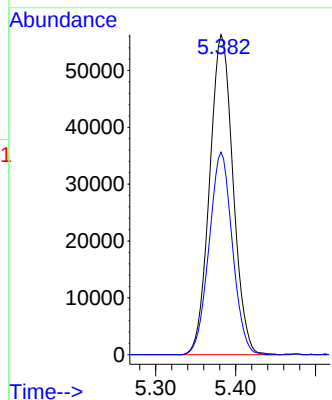
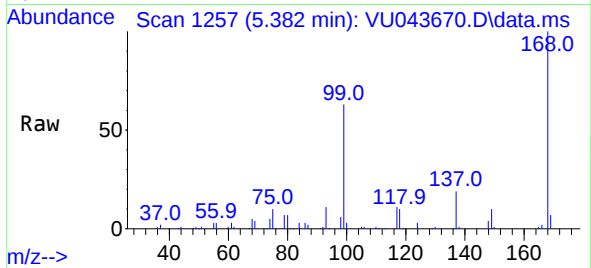




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

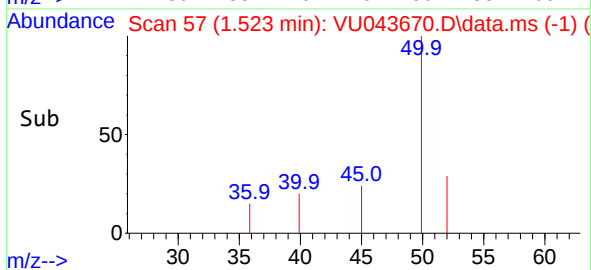
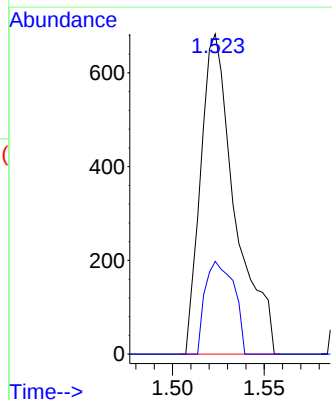
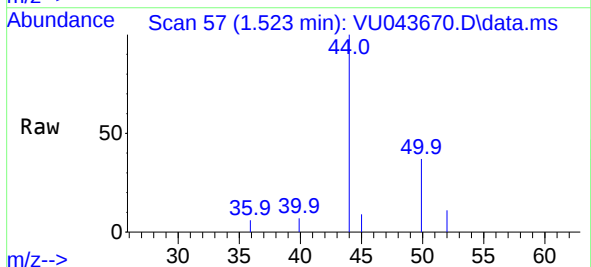
Instrument :
MSVOA_U
ClientSampleId :

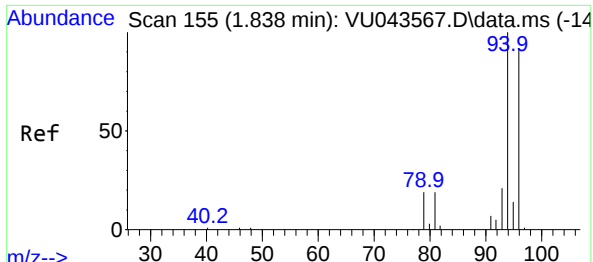
Tgt Ion:168 Resp: 114407
Ion Ratio Lower Upper
168 100
99 63.3 49.0 73.6



#3
Chloromethane
Concen: 0.74 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

Tgt Ion: 50 Resp: 890
Ion Ratio Lower Upper
50 100
52 29.0 25.9 38.9

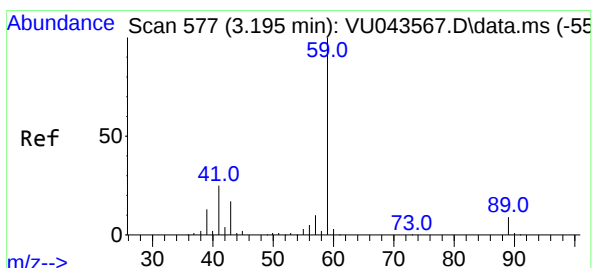
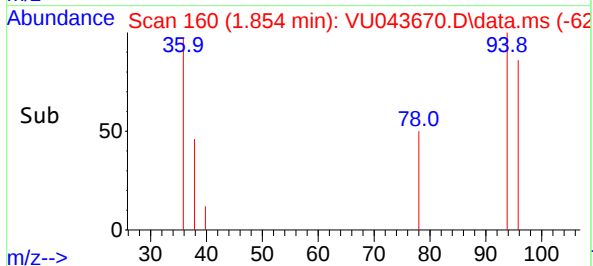
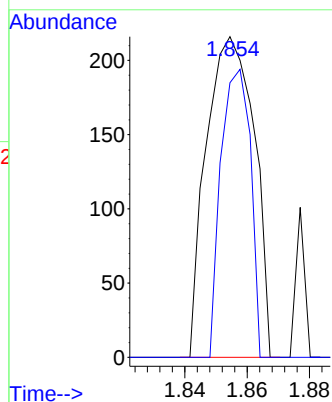
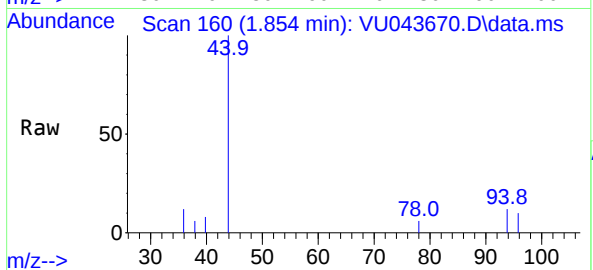




#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.854 min Scan# 160
Delta R.T. 0.016 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

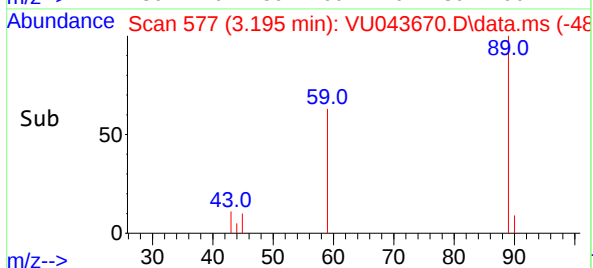
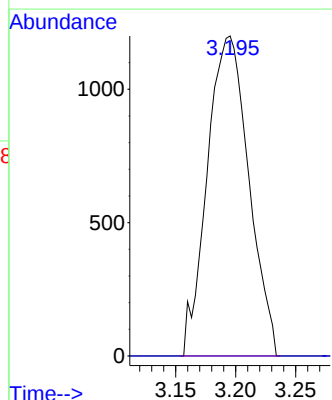
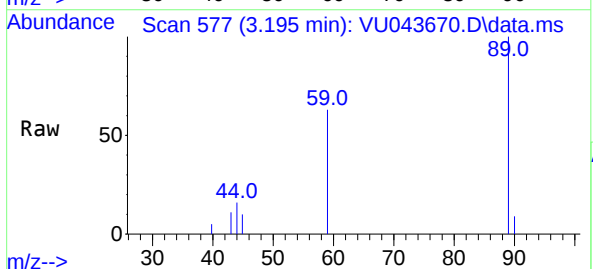
Instrument :
MSVOA_U
ClientSampled :

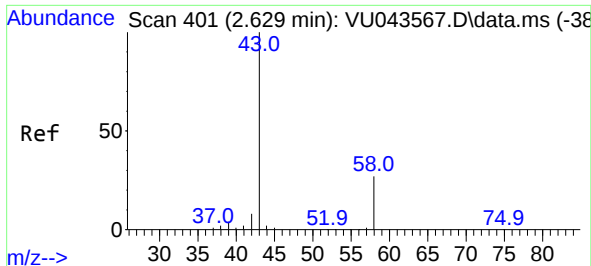
Tgt Ion: 94 Resp: 230
Ion Ratio Lower Upper
94 100
96 85.6 73.3 109.9



#11
Tert butyl alcohol
Concen: 4.65 ug/l
RT: 3.195 min Scan# 577
Delta R.T. 0.000 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

Tgt Ion: 59 Resp: 2891
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

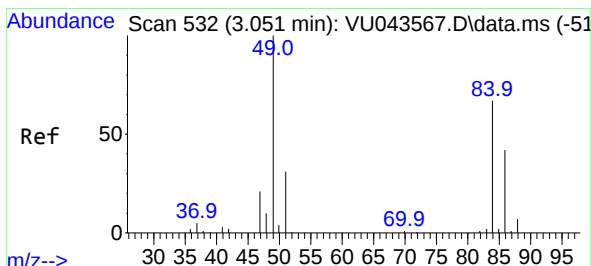
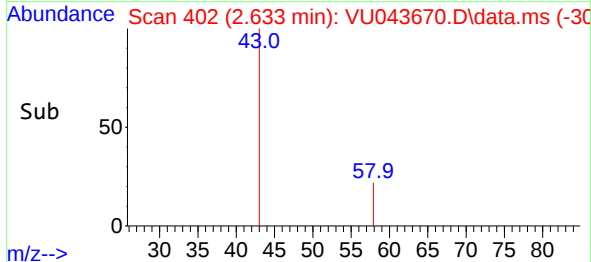
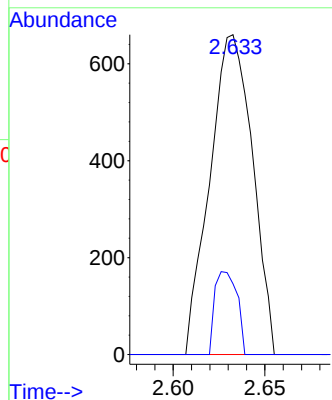
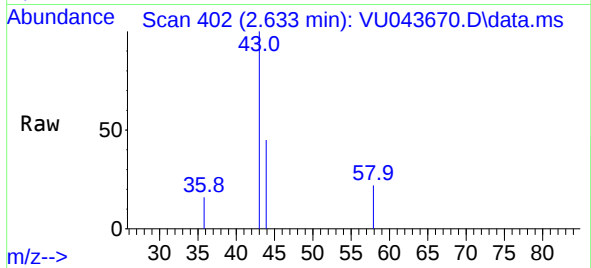




#16
Acetone
Concen: 0.83 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

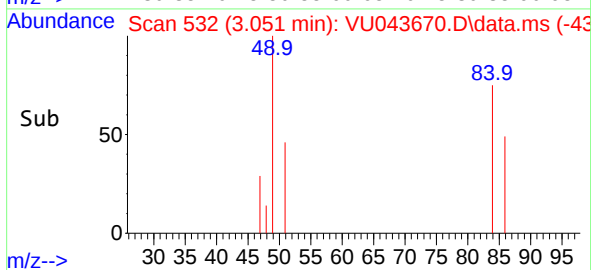
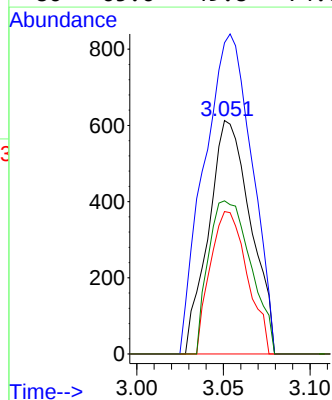
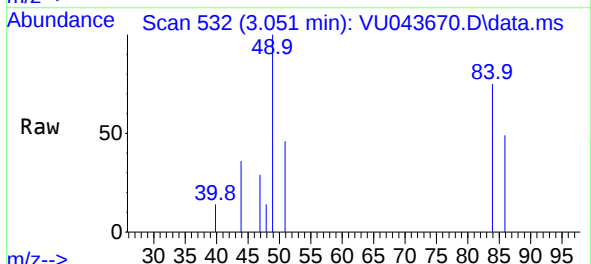
Instrument :
MSVOA_U
ClientSampled :

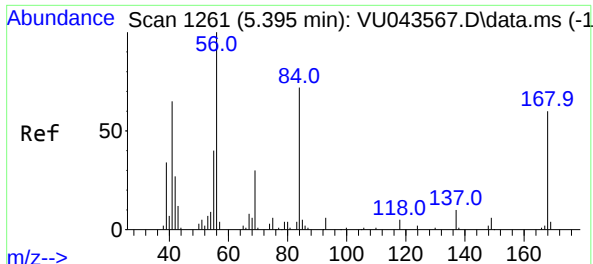
Tgt Ion: 43 Resp: 1069
Ion Ratio Lower Upper
43 100
58 22.1 21.7 32.5



#20
Methylene Chloride
Concen: 0.57 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

Tgt Ion: 84 Resp: 1038
Ion Ratio Lower Upper
84 100
49 133.3 119.0 178.4
51 61.0 36.8 55.2#
86 65.6 49.8 74.6





#31

Cyclohexane

Concen: 1.29 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.013 min

Lab File: VU043670.D

Acq: 12 May 2021 12:27

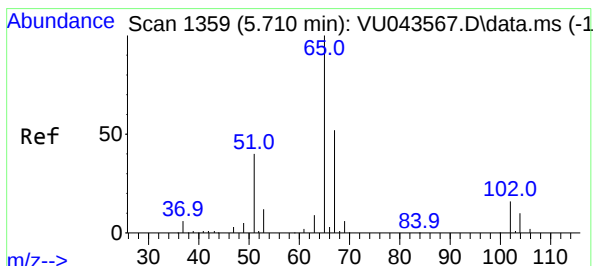
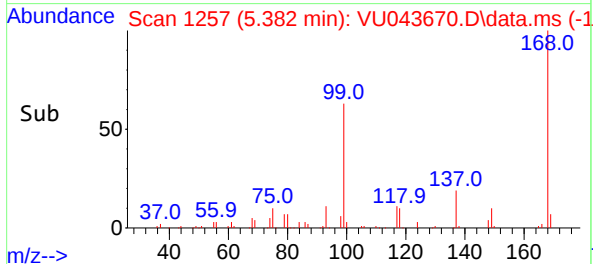
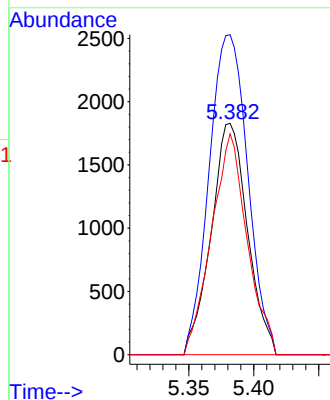
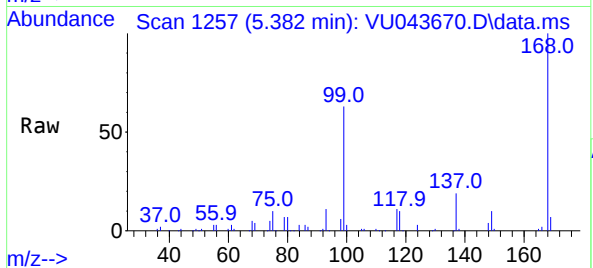
Tgt Ion: 56 Resp: 3560

Ion Ratio Lower Upper

56 100

69 138.3 23.9 35.9#

84 95.5 57.7 86.5#



#33

1,2-Dichloroethane-d4

Concen: 51.75 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043670.D

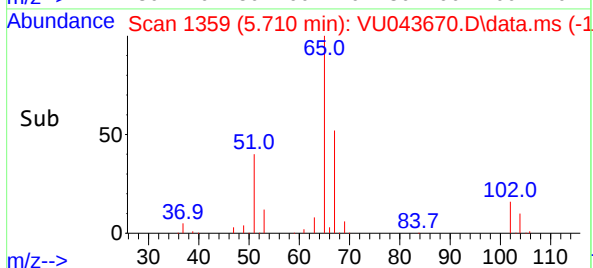
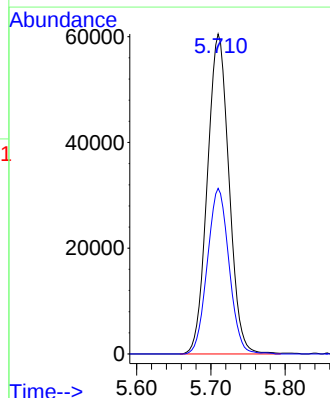
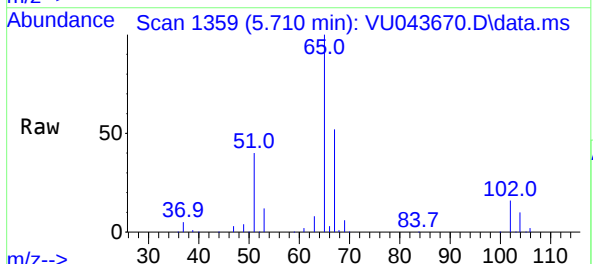
Acq: 12 May 2021 12:27

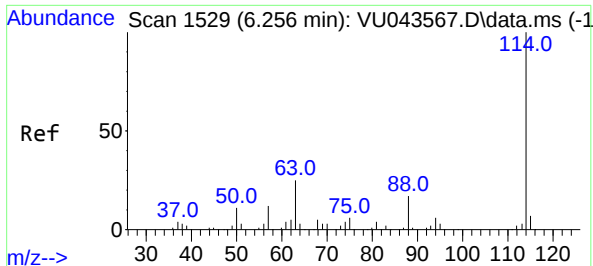
Tgt Ion: 65 Resp: 122466

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.6

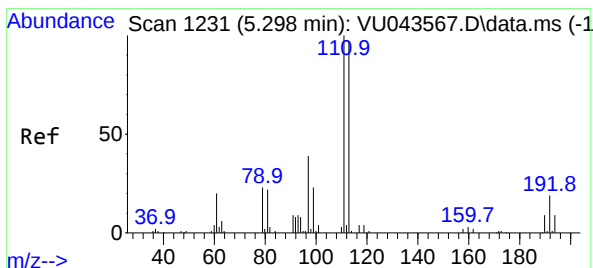
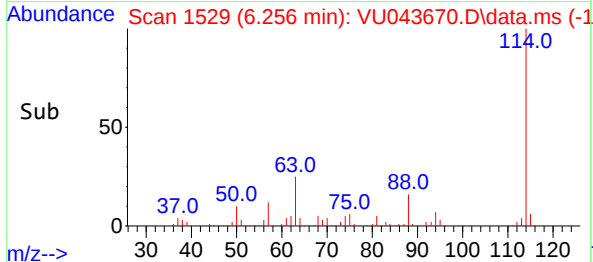
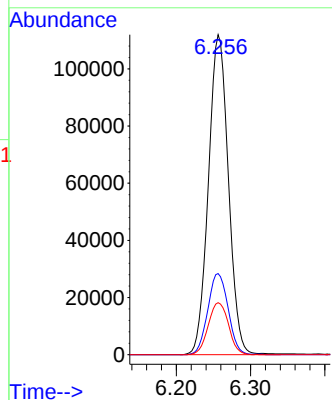
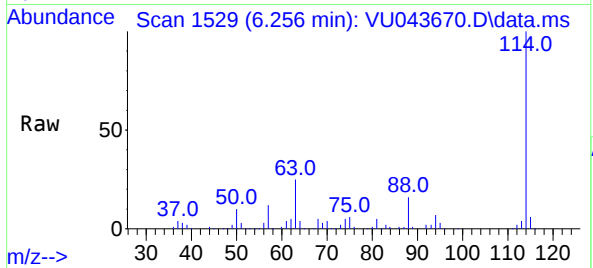




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

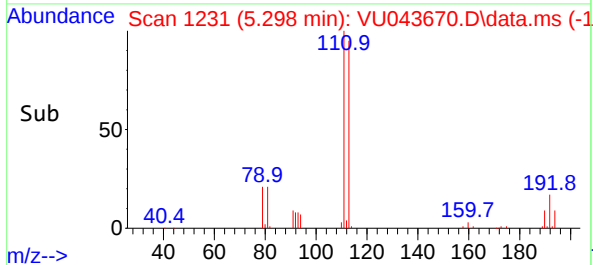
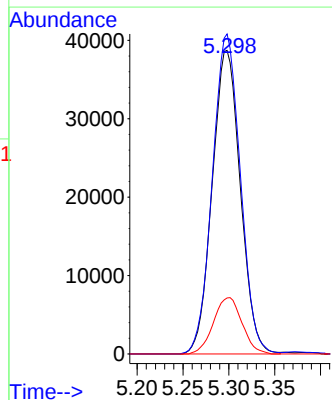
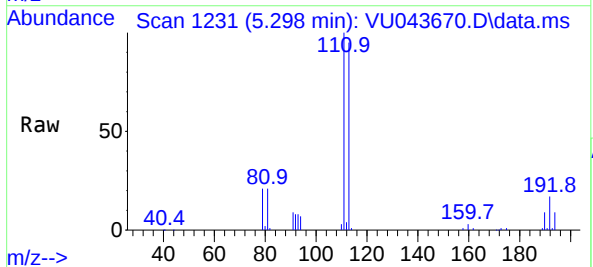
Instrument :
MSVOA_U
ClientSampleId :

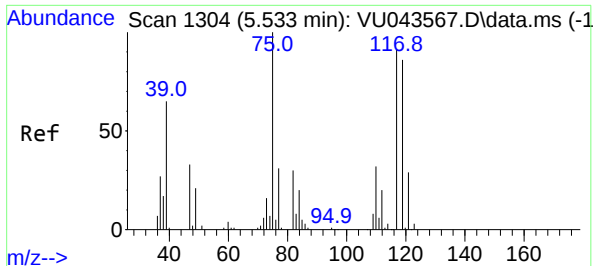
Tgt Ion:114 Resp: 209099
Ion Ratio Lower Upper
114 100
63 25.4 0.0 50.2
88 16.2 0.0 33.8



#35
Dibromofluoromethane
Concen: 47.87 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

Tgt Ion:113 Resp: 82611
Ion Ratio Lower Upper
113 100
111 104.7 82.3 123.5
192 18.9 15.8 23.6

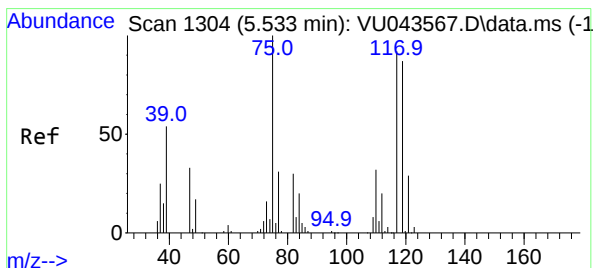
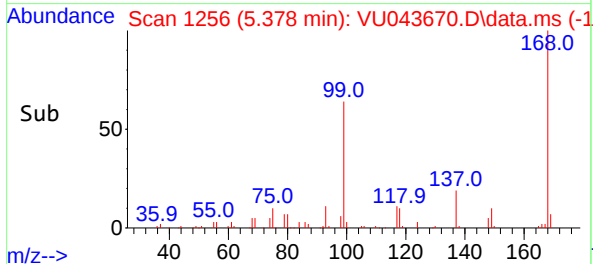
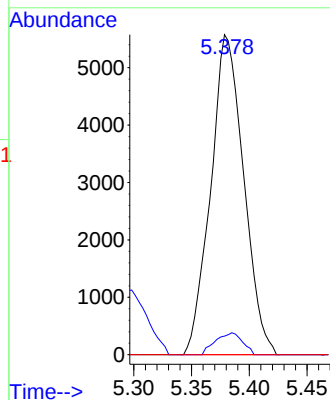
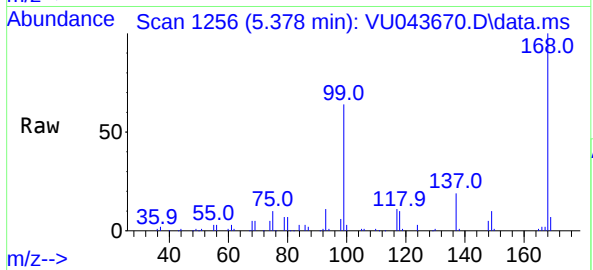




#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.154 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

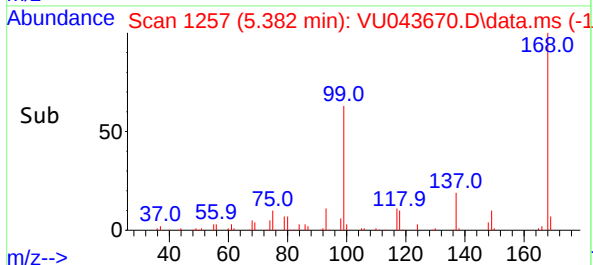
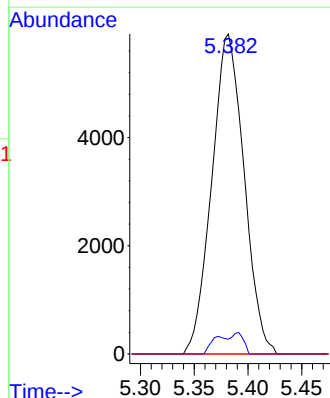
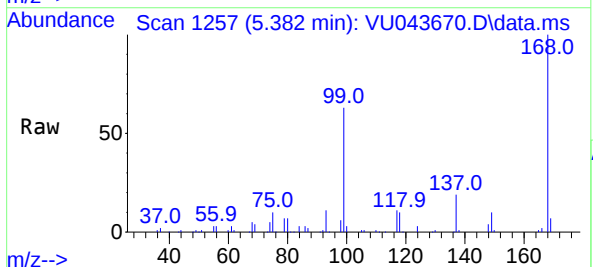
Instrument :
MSVOA_U
ClientSampleId :

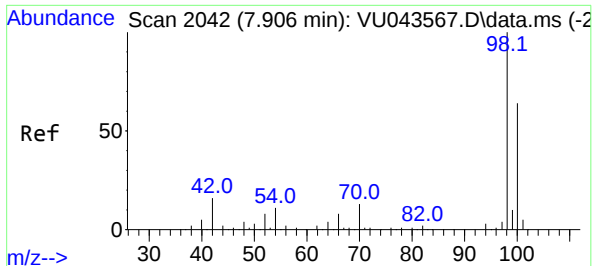
Tgt Ion: 75 Resp: 11071
Ion Ratio Lower Upper
75 100
110 5.6 16.2 48.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.13 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

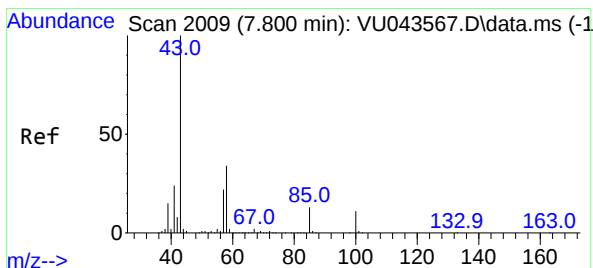
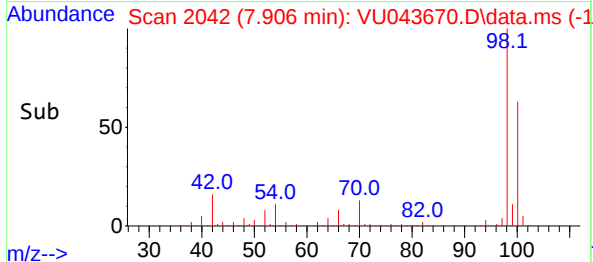
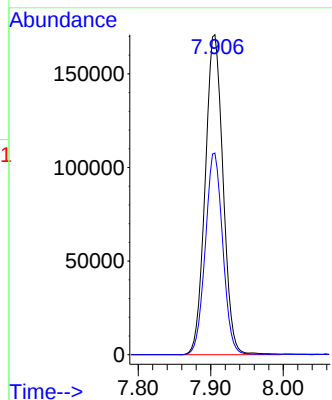
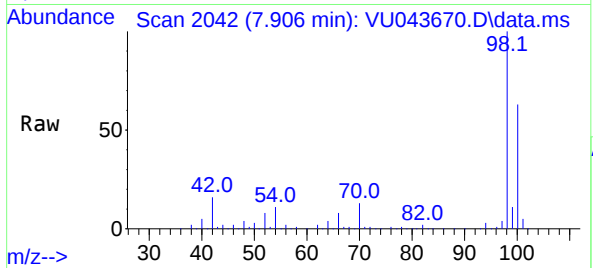
Tgt Ion: 117 Resp: 12355
Ion Ratio Lower Upper
117 100
119 4.6 75.4 113.0#
121 0.0 25.2 37.8#





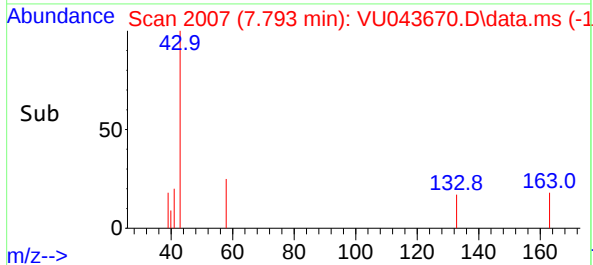
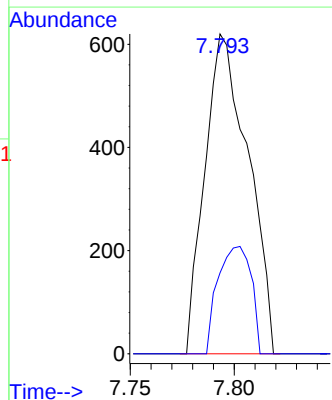
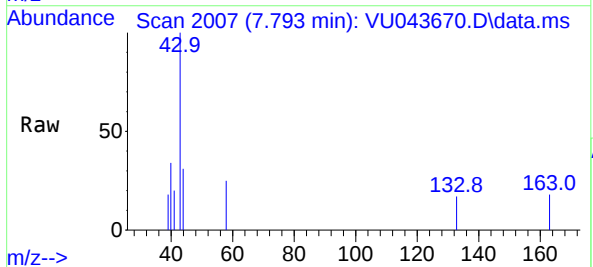
#50
Toluene-d8
Concen: 50.44 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

Tgt Ion: 98 Resp: 292913
Ion Ratio Lower Upper
98 100
100 61.6 50.5 75.7

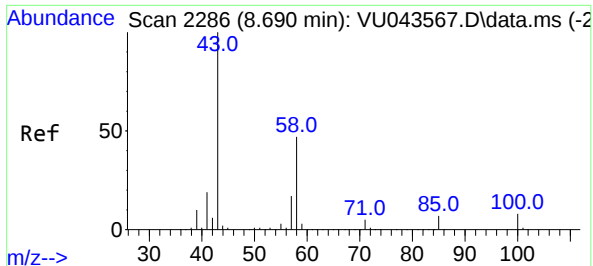


#51
4-Methyl-2-Pentanone
Concen: 19.36 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.007 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

Tgt Ion: 43 Resp: 896
Ion Ratio Lower Upper
43 100
58 25.7 27.2 40.8#



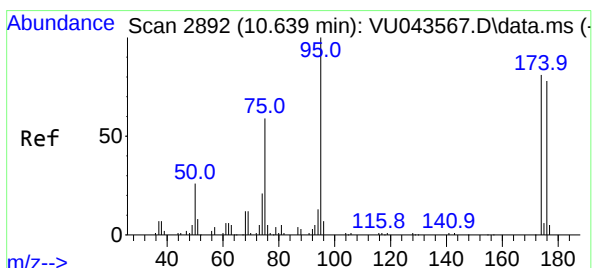
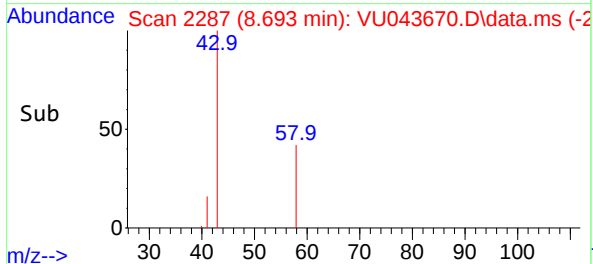
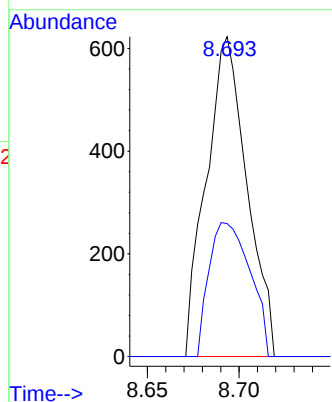
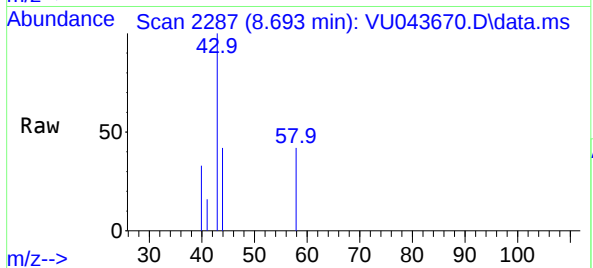
Instrument :
MSVOA_U
ClientSampled :



#59
2-Hexanone
Concen: 20.94 ug/l
RT: 8.693 min Scan# 2287
Delta R.T. 0.003 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

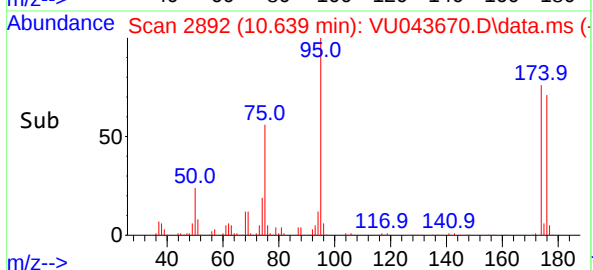
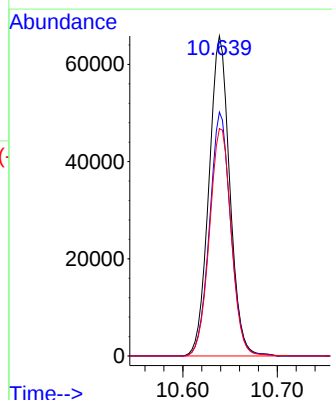
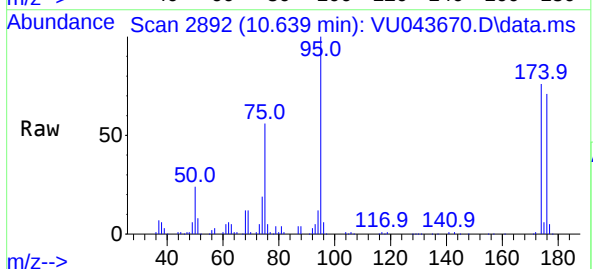
Instrument :
MSVOA_U
ClientSampleId :

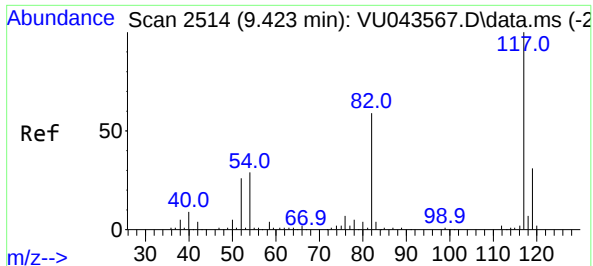
Tgt Ion: 43 Resp: 960
Ion Ratio Lower Upper
43 100
58 42.3 23.4 70.2



#62
4-Bromofluorobenzene
Concen: 44.58 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

Tgt Ion: 95 Resp: 100876
Ion Ratio Lower Upper
95 100
174 77.5 0.0 158.8
176 74.1 0.0 155.6

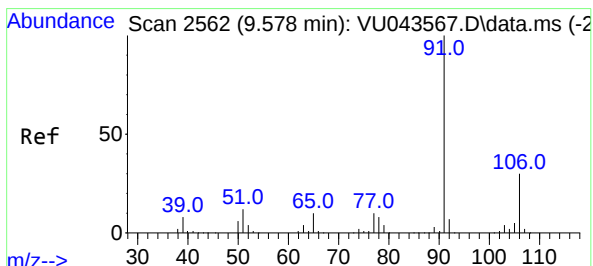
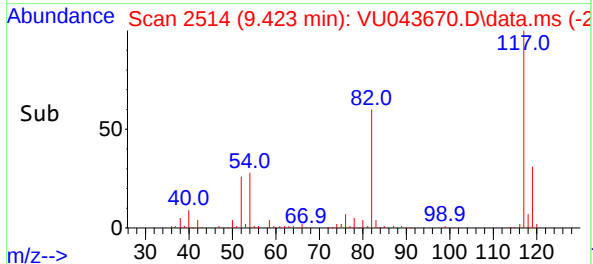
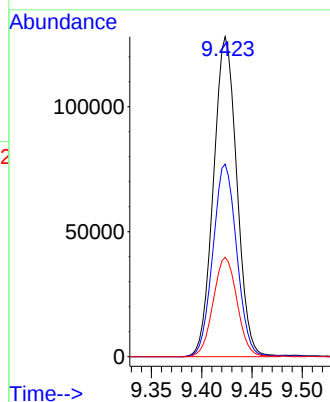
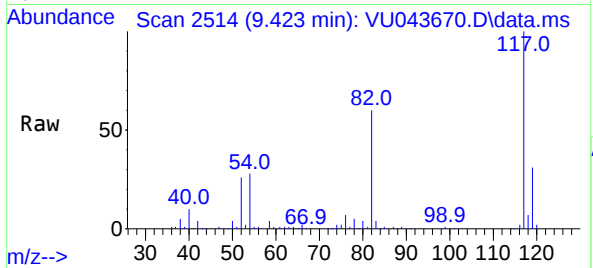




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

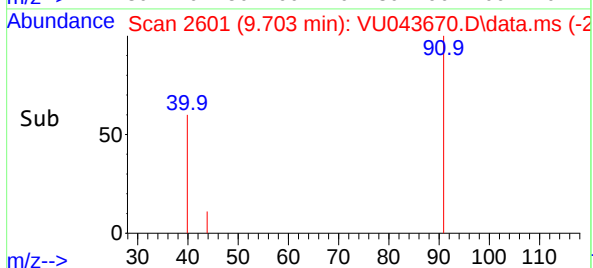
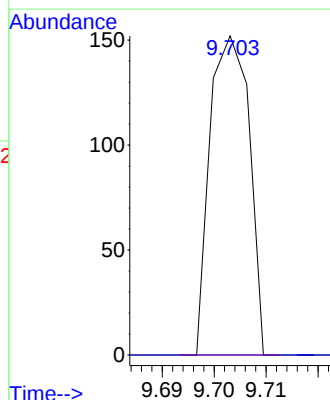
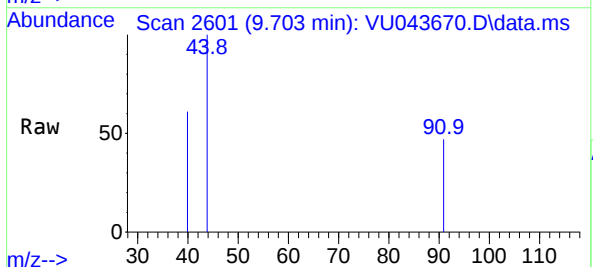
Instrument :
MSVOA_U
ClientSampled :

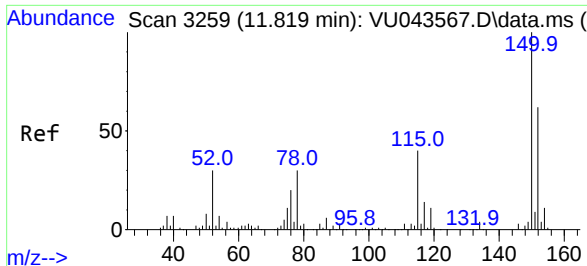
Tgt Ion:117 Resp: 207227
Ion Ratio Lower Upper
117 100
82 60.2 47.5 71.3
119 31.1 24.7 37.1



#67
Ethyl Benzene
Concen: 1.46 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.125 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

Tgt Ion: 91 Resp: 80
Ion Ratio Lower Upper
91 100
106 0.0 24.0 36.0#

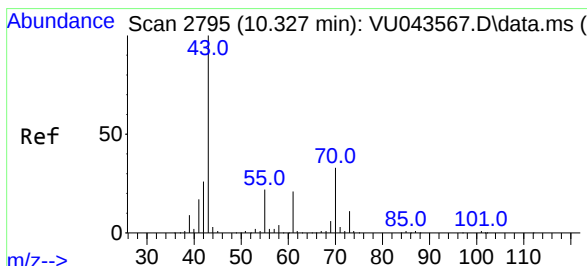
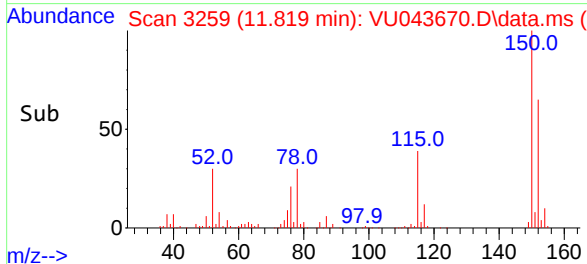
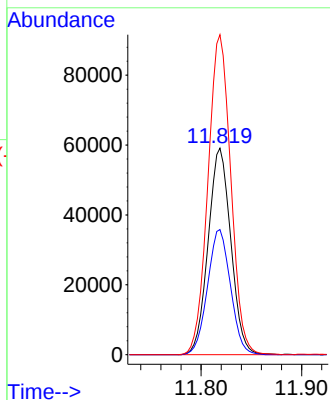
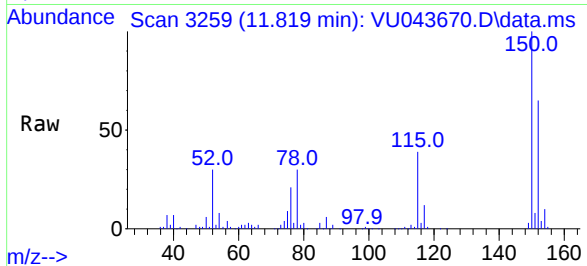




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

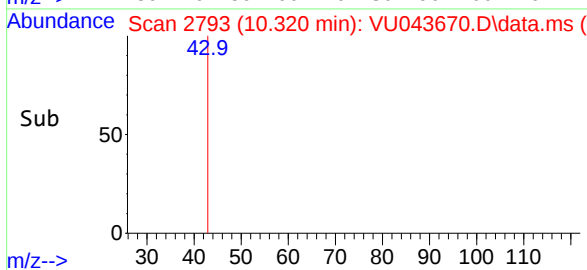
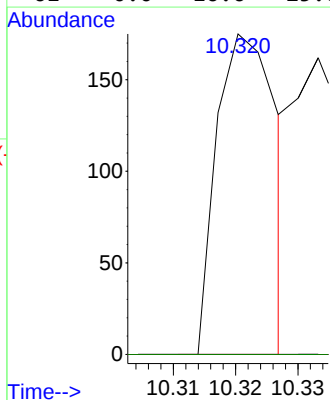
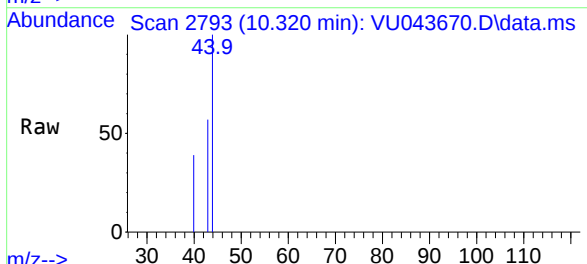
Instrument :
MSVOA_U
ClientSampleId :

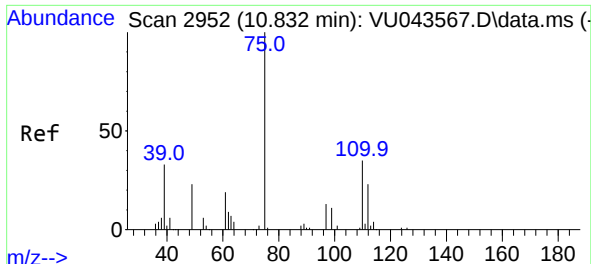
Tgt Ion:152 Resp: 92846
Ion Ratio Lower Upper
152 100
115 61.0 46.1 138.3
150 155.9 0.0 361.0



#74
N-ethyl acetate
Concen: 2.54 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.007 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

Tgt Ion: 43 Resp: 116
Ion Ratio Lower Upper
43 100
70 0.0 26.4 39.6#
55 0.0 18.0 27.0#
61 0.0 16.6 25.0#

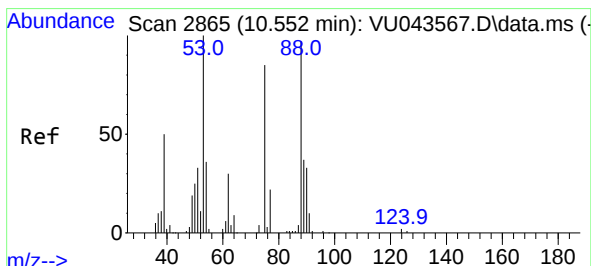
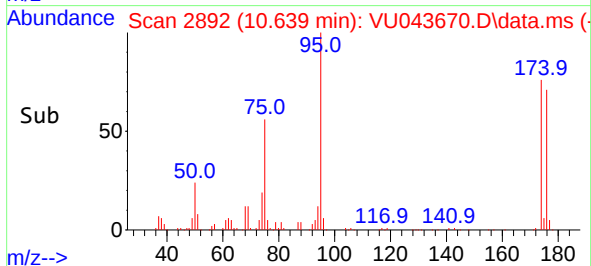
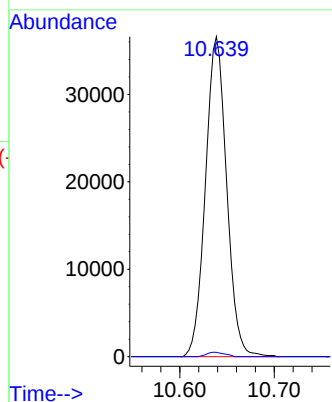
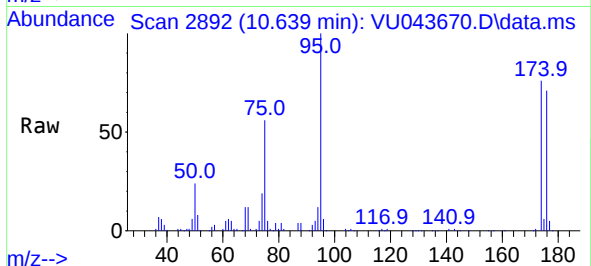




#76
1,2,3-Trichloropropane
Concen: 19.31 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

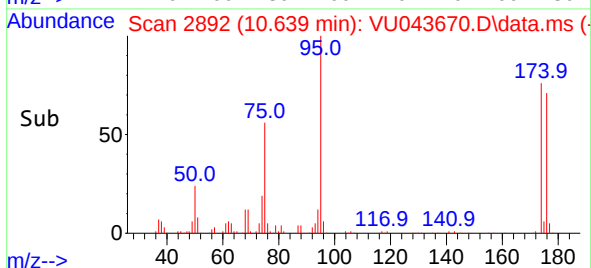
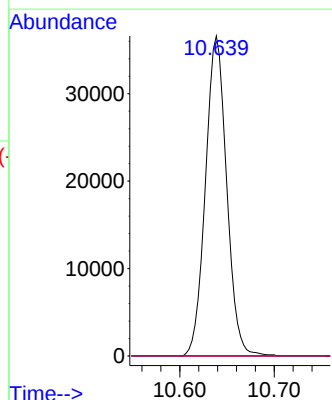
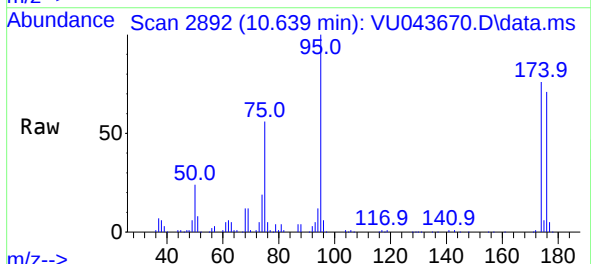
Instrument :
MSVOA_U
ClientSampleId :

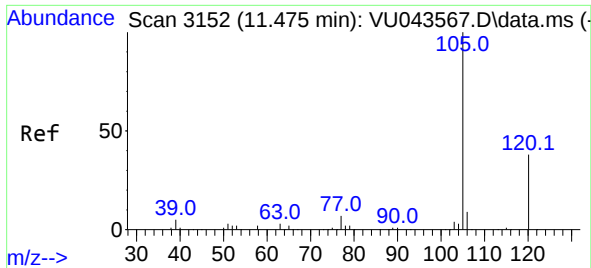
Tgt Ion: 75 Resp: 57001
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.88 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

Tgt Ion: 75 Resp: 57001
Ion Ratio Lower Upper
75 100
53 0.0 95.8 143.8#
89 0.0 36.1 54.1#

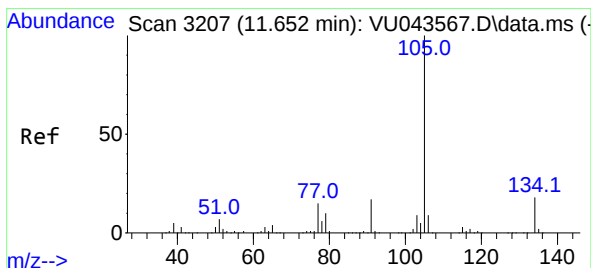
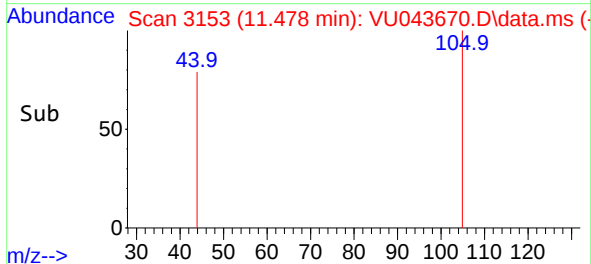
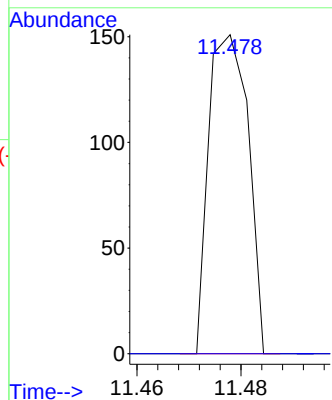
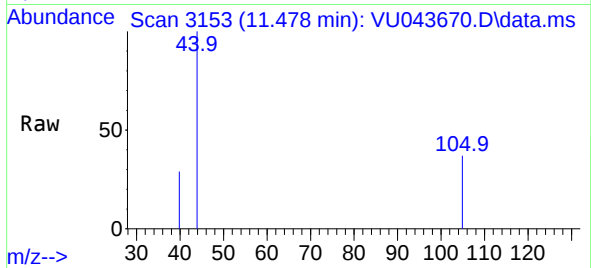




#84
1,2,4-Trimethylbenzene
Concen: 1.12 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

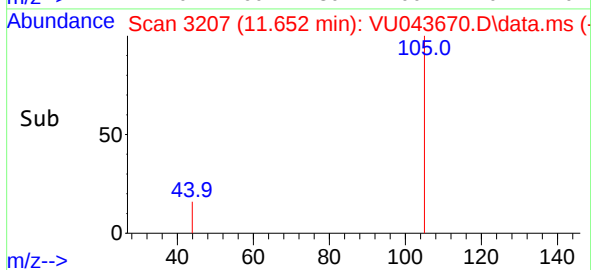
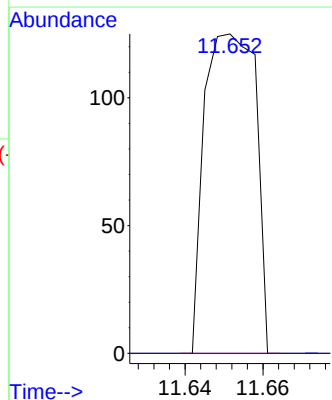
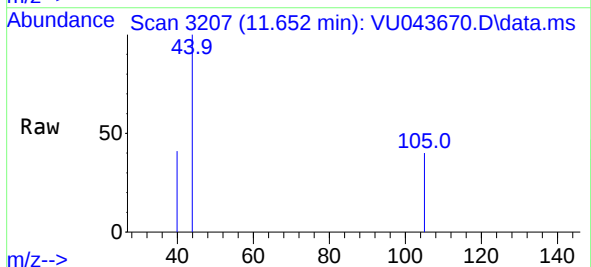
Instrument :
MSVOA_U
ClientSampleId :

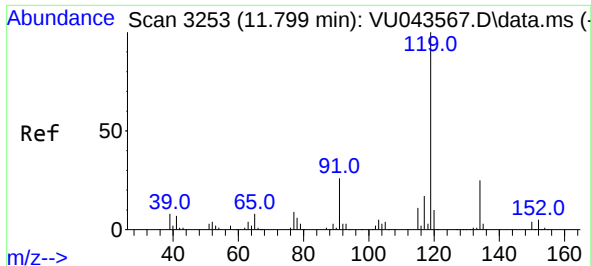
Tgt Ion:105 Resp: 80
Ion Ratio Lower Upper
105 100
120 0.0 21.4 64.2#



#85
sec-Butylbenzene
Concen: 1.35 ug/l
RT: 11.652 min Scan# 3207
Delta R.T. -0.000 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

Tgt Ion:105 Resp: 114
Ion Ratio Lower Upper
105 100
134 0.0 9.2 27.6#

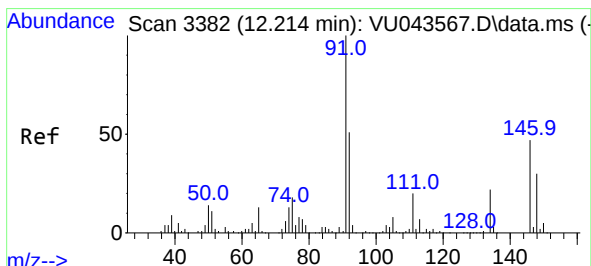
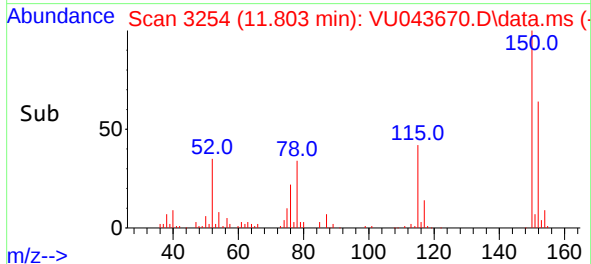
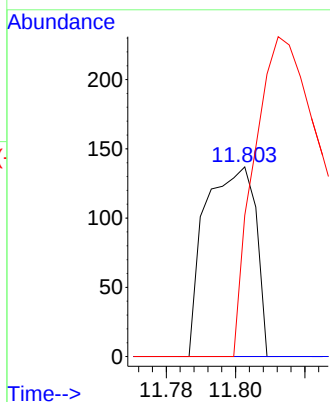
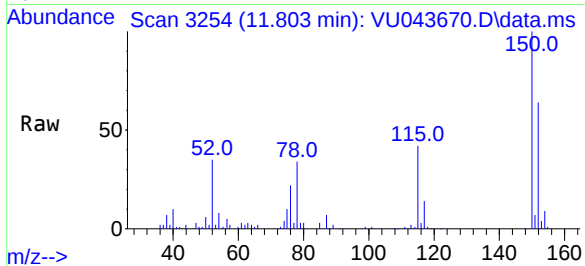




#86
p-Isopropyltoluene
Concen: 1.49 ug/l
RT: 11.803 min Scan# 3254
Delta R.T. 0.004 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

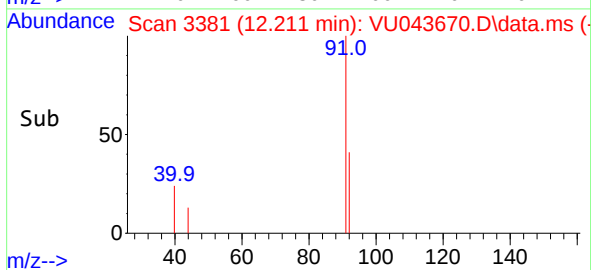
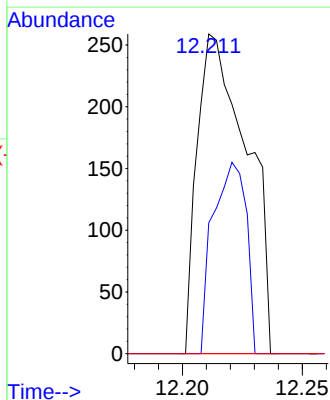
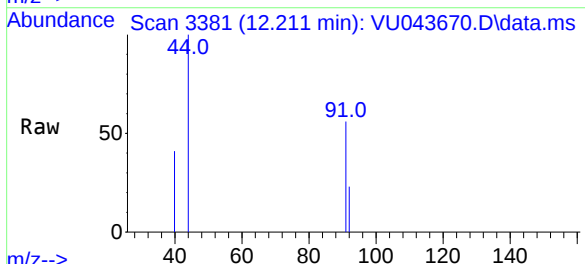
Instrument :
MSVOA_U
ClientSampleId :

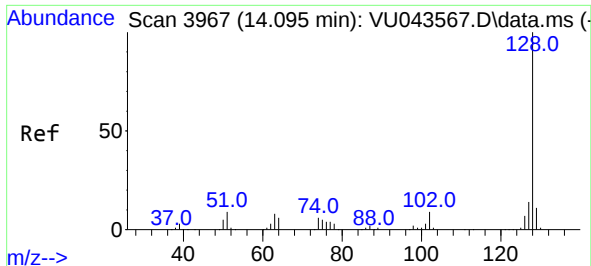
Tgt Ion:119 Resp: 139
Ion Ratio Lower Upper
119 100
134 0.0 12.7 38.0#
91 215.8 13.3 39.9#



#89
n-Butylbenzene
Concen: 2.58 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

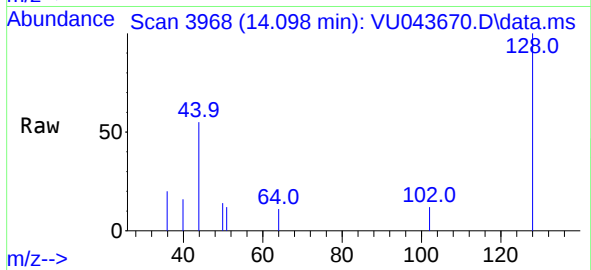
Tgt Ion: 91 Resp: 372
Ion Ratio Lower Upper
91 100
92 40.1 25.4 76.2
134 0.0 11.3 33.9#





#95
Naphthalene
Concen: 1.74 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU043670.D
Acq: 12 May 2021 12:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 1724
Ion Ratio Lower Upper
128 100
127 6.7 10.7 16.1#
129 2.3 8.6 12.8#

