

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
 Data File : VU042940.D
 Acq On : 05 Apr 2021 19:05
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 06 01:22:20 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)

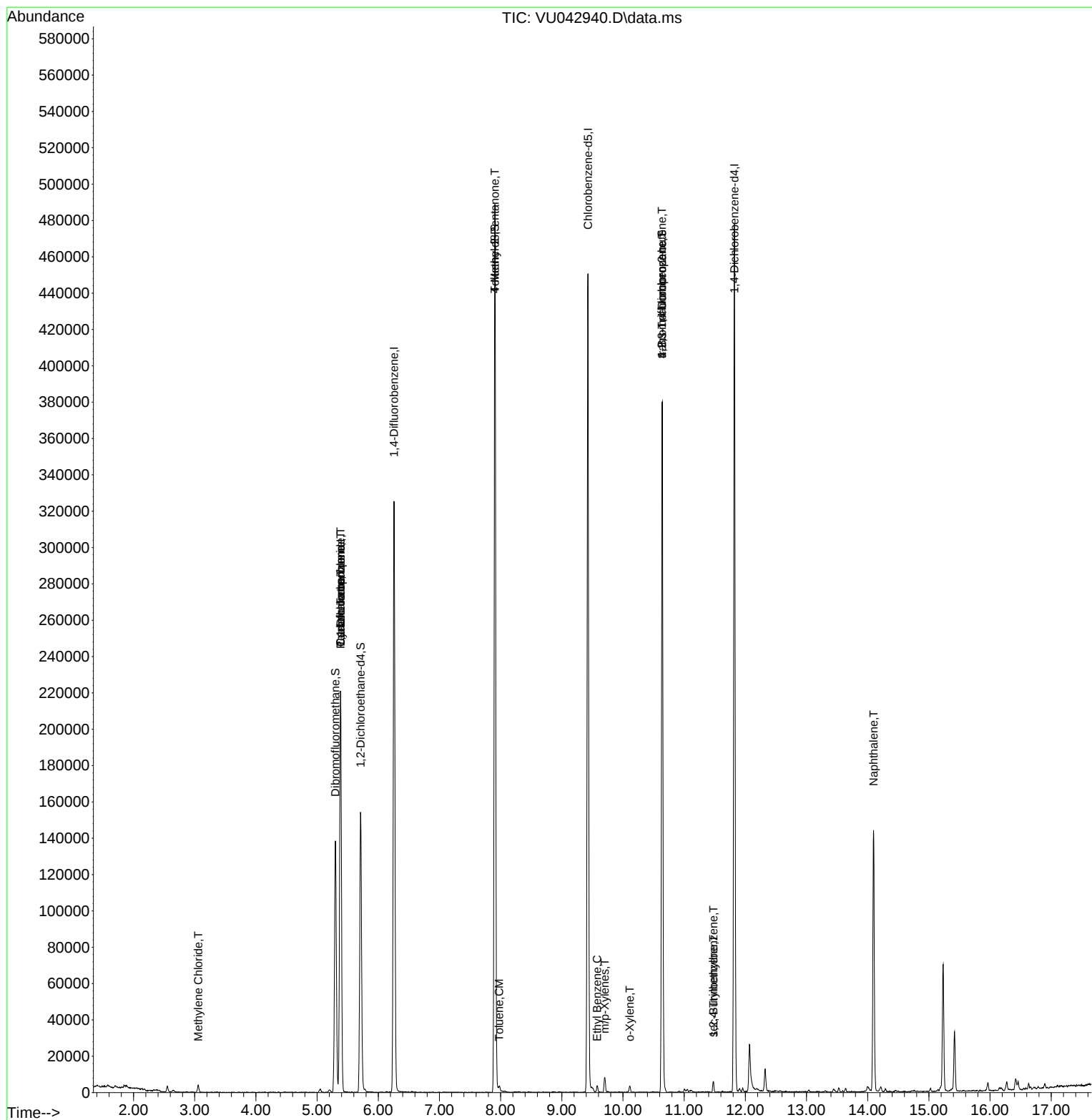
Internal Standards						
1) Pentafluorobenzene	5.385	168	153242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.257	114	247389	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	227291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	115377	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	120635	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
35) Dibromofluoromethane	5.298	113	84720	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
50) Toluene-d8	7.906	98	300940	46.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.66%	
62) 4-Bromofluorobenzene	10.639	95	114412	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
Target Compounds						Qvalue
5) Bromomethane	1.864	94	81	Below Cal	#	2
6) Chloroethane	1.929	64	183	Below Cal	#	43
16) Acetone	2.639	43	740	Below Cal	#	55
20) Methylene Chloride	3.057	84	1591	0.90	ug/l	93
31) Cyclohexane	5.382	56	3676	1.21	ug/l	# 29
36) 1,1-Dichloropropene	5.382	75	12995	5.31	ug/l	# 50
38) Carbon Tetrachloride	5.382	117	15712	5.63	ug/l	# 17
51) 4-Methyl-2-Pentanone	7.906	43	1655	0.41	ug/l	# 1
52) Toluene	7.977	92	915	0.20	ug/l	95
67) Ethyl Benzene	9.578	91	3078	0.37	ug/l	99
68) m/p-Xylenes	9.700	106	2344	0.77	ug/l	97
69) o-Xylene	10.112	106	857	0.29	ug/l	87
76) 1,2,3-Trichloropropane	10.639	75	63739	21.72	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	10.639	75	63739	64.36	ug/l	# 6
84) 1,2,4-Trimethylbenzene	11.478	105	3427	0.54	ug/l	96
85) sec-Butylbenzene	11.478	105	3427	0.48	ug/l	# 57
95) Naphthalene	14.095	128	110422	15.96	ug/l	99

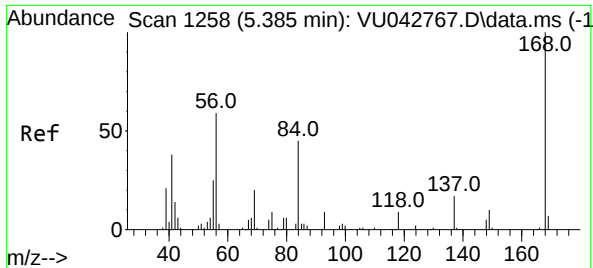
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 06 01:22:20 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

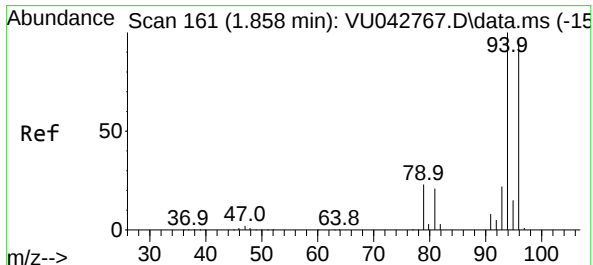
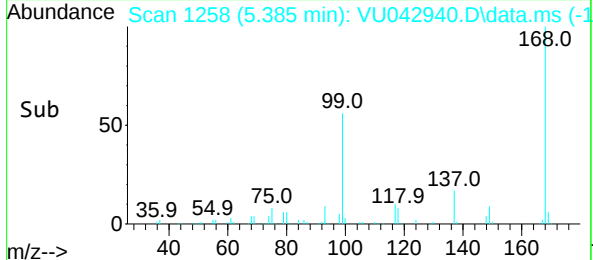
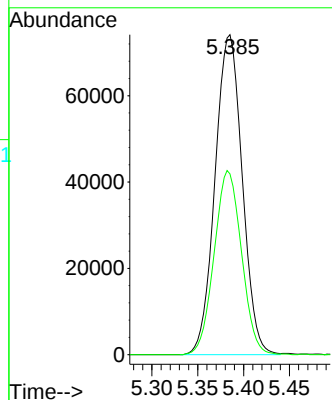
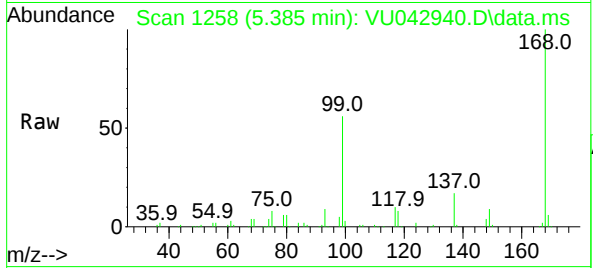




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU042940.D
Acq: 05 Apr 2021 19:05

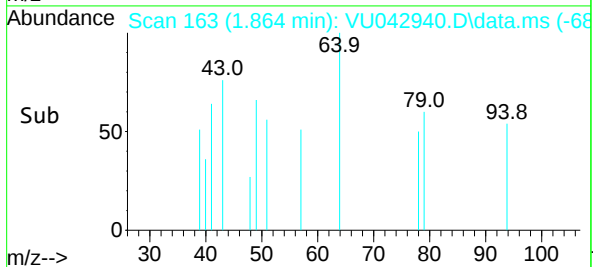
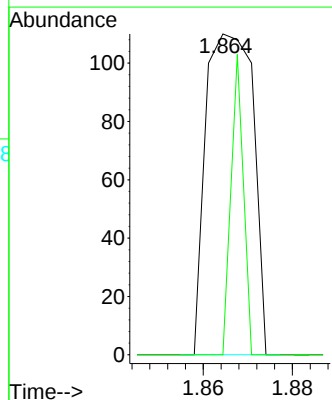
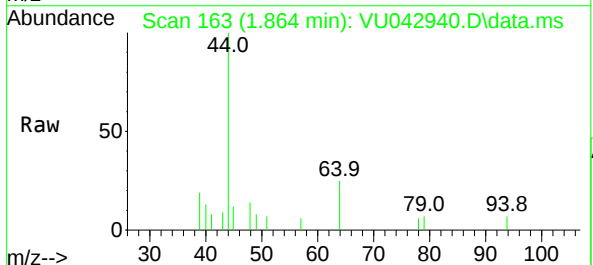
Instrument :
MSVOA_U
ClientSampleId :

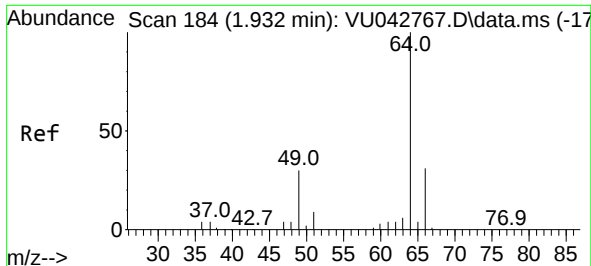
Tgt Ion:168 Resp: 153242
Ion Ratio Lower Upper
168 100
99 56.5 46.4 69.6



#5
Bromomethane
Concen: Below Cal
RT: 1.864 min Scan# 163
Delta R.T. 0.006 min
Lab File: VU042940.D
Acq: 05 Apr 2021 19:05

Tgt Ion: 94 Resp: 81
Ion Ratio Lower Upper
94 100
96 0.0 77.1 115.7#

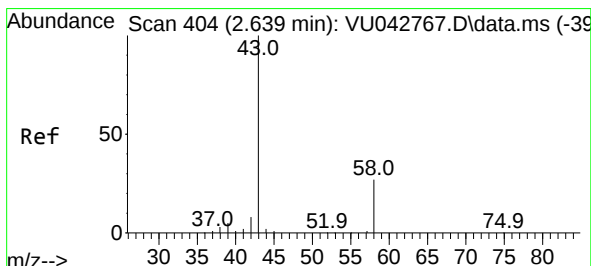
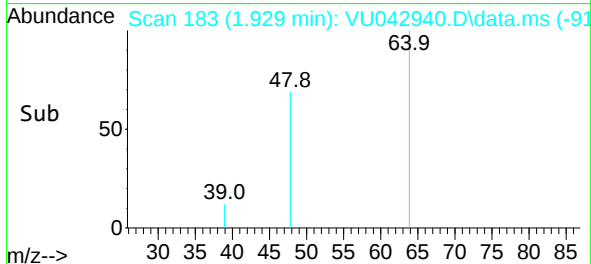
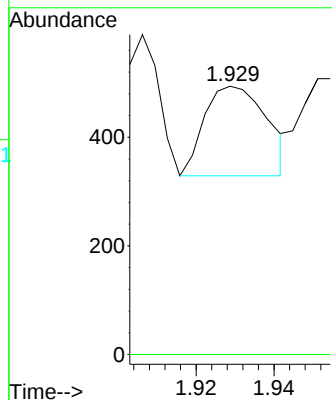
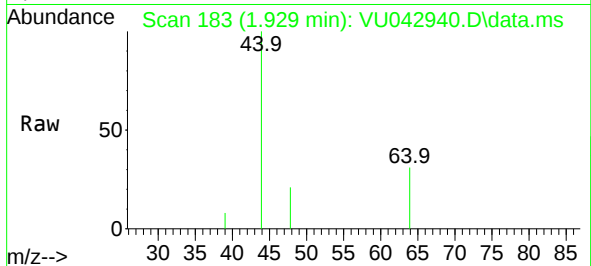




#6
Chloroethane
Concen: Below Cal
RT: 1.929 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU042940.D
Acq: 05 Apr 2021 19:05

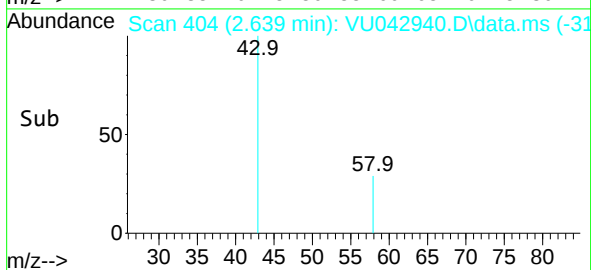
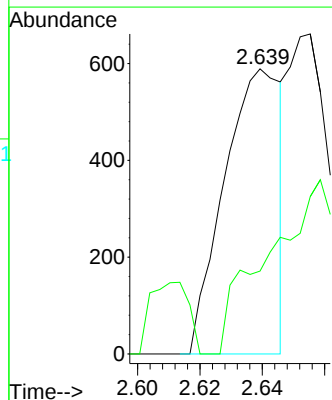
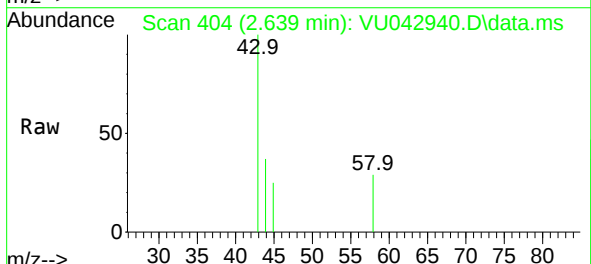
Instrument :
MSVOA_U
ClientSampled :

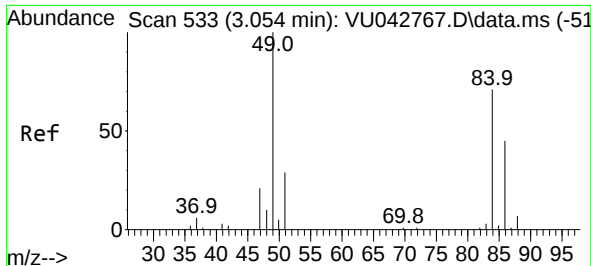
Tgt Ion: 64 Resp: 183
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.6#



#16
Acetone
Concen: Below Cal
RT: 2.639 min Scan# 404
Delta R.T. 0.000 min
Lab File: VU042940.D
Acq: 05 Apr 2021 19:05

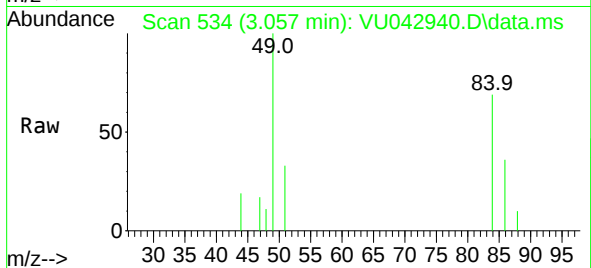
Tgt Ion: 43 Resp: 740
Ion Ratio Lower Upper
43 100
58 3.9 21.6 32.4#





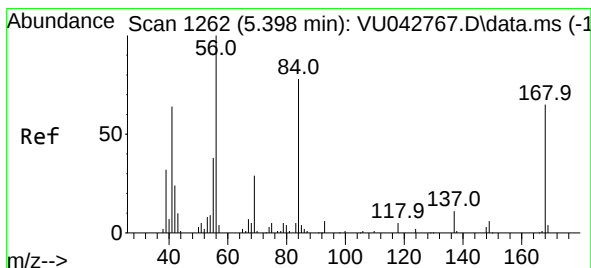
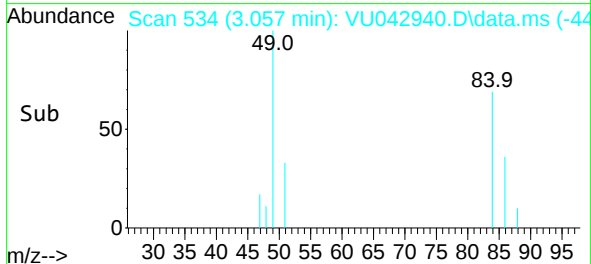
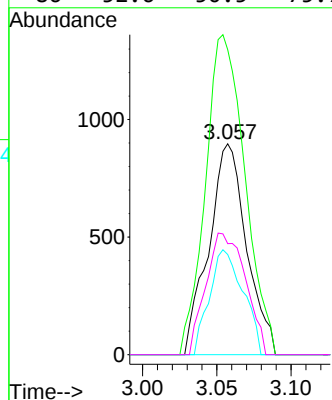
#20
Methylene Chloride
Concen: 0.90 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042940.D
Acq: 05 Apr 2021 19:05

Instrument :
MSVOA_U
ClientSampled :

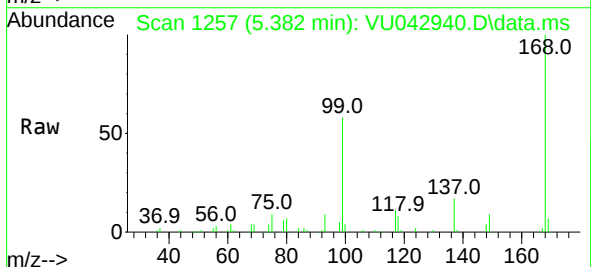


Tgt Ion: 84 Resp: 1591

Ion	Ratio	Lower	Upper
84	100		
49	144.6	113.0	169.4
51	47.5	32.9	49.3
86	52.6	50.5	75.7

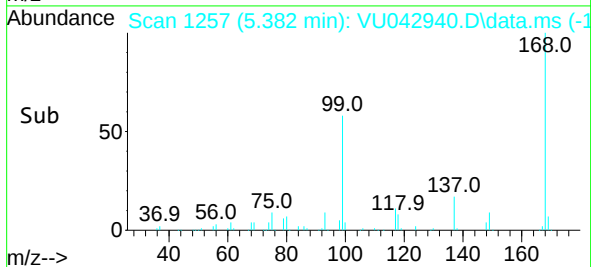
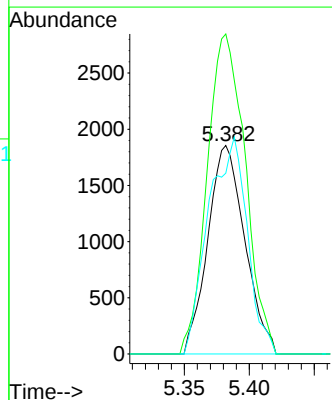


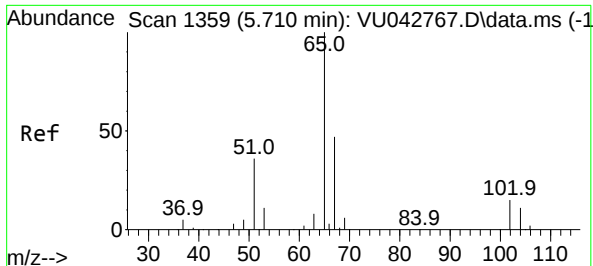
#31
Cyclohexane
Concen: 1.21 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.016 min
Lab File: VU042940.D
Acq: 05 Apr 2021 19:05



Tgt Ion: 56 Resp: 3676

Ion	Ratio	Lower	Upper
56	100		
69	153.5	23.3	34.9#
84	86.7	62.2	93.4

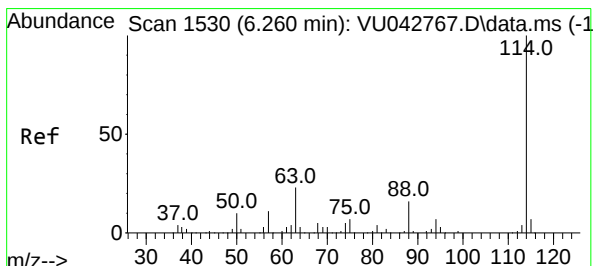
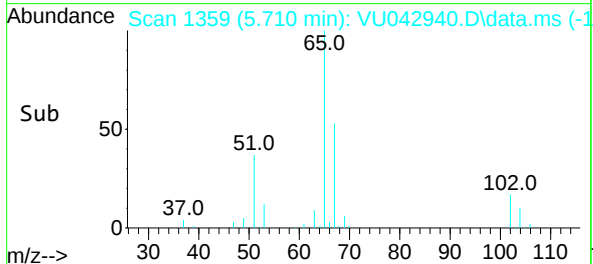
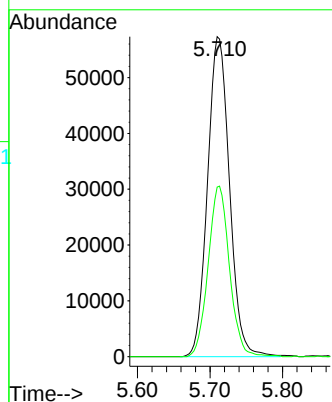
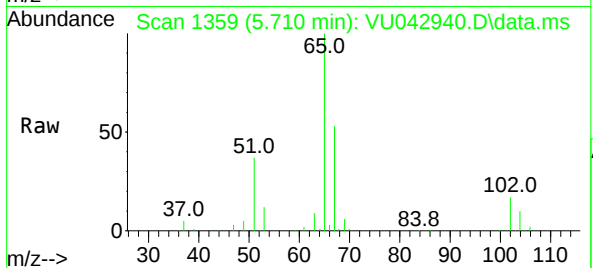




#33
 1,2-Dichloroethane-d4
 Concen: 49.38 ug/l
 RT: 5.710 min Scan# 1359
 Delta R.T. 0.000 min
 Lab File: VU042940.D
 Acq: 05 Apr 2021 19:05

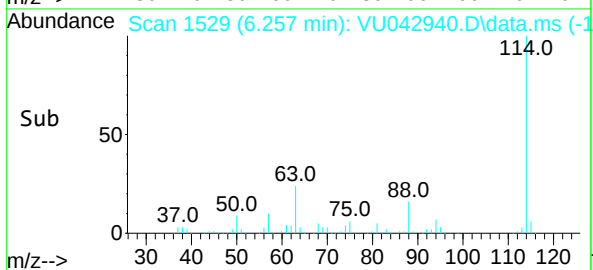
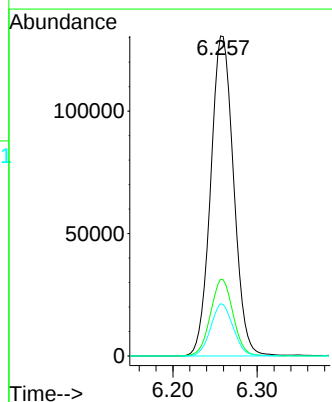
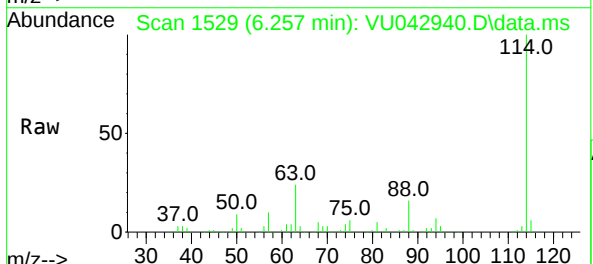
Instrument :
 MSVOA_U
 ClientSampled :

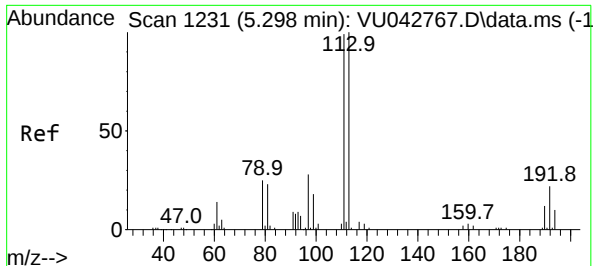
Tgt Ion: 65 Resp: 120635
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 98.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.257 min Scan# 1529
 Delta R.T. -0.003 min
 Lab File: VU042940.D
 Acq: 05 Apr 2021 19:05

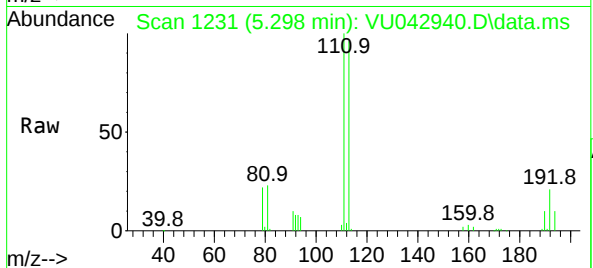
Tgt Ion: 114 Resp: 247389
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 46.8
 88 16.3 0.0 32.2



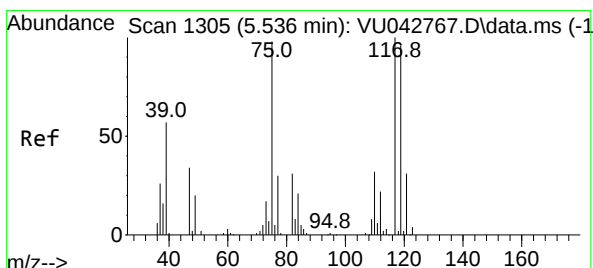
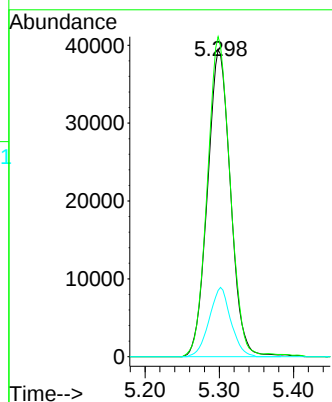
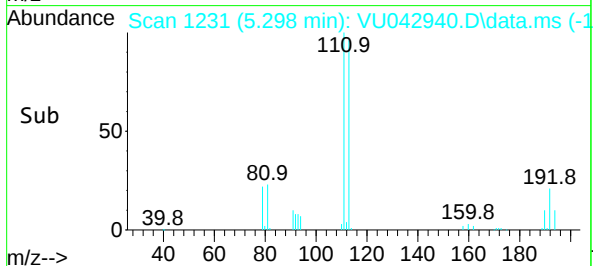


#35
Dibromofluoromethane
Concen: 45.89 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU042940.D
Acq: 05 Apr 2021 19:05

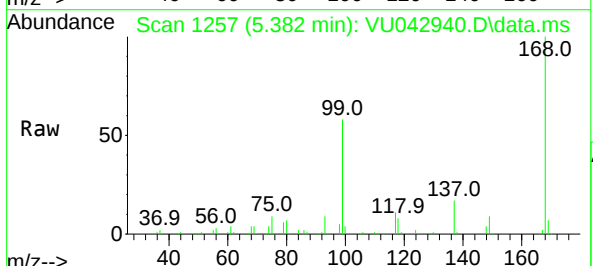
Instrument :
MSVOA_U
ClientSampleId :



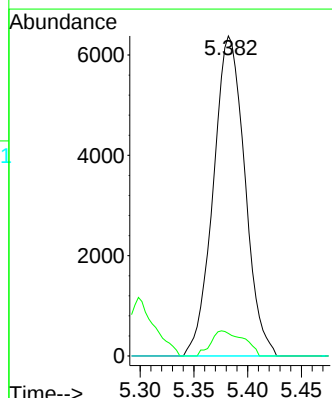
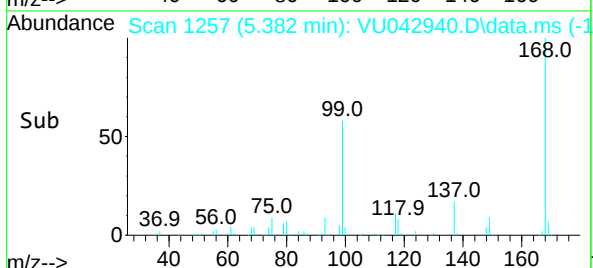
Tgt Ion:113 Resp: 84720
Ion Ratio Lower Upper
113 100
111 102.8 82.1 123.1
192 21.2 17.6 26.4

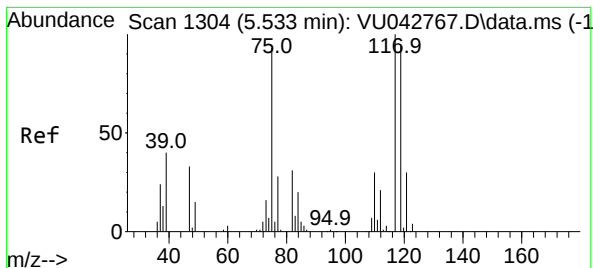


#36
1,1-Dichloropropene
Concen: 5.31 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.154 min
Lab File: VU042940.D
Acq: 05 Apr 2021 19:05



Tgt Ion: 75 Resp: 12995
Ion Ratio Lower Upper
75 100
110 8.1 16.6 49.7#
77 0.0 24.7 37.1#

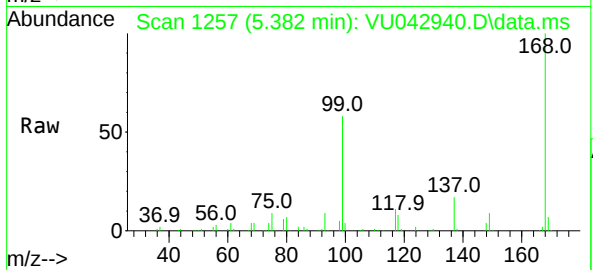




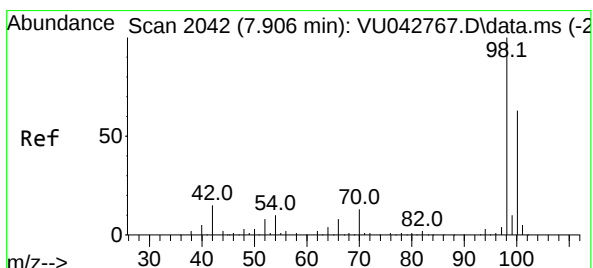
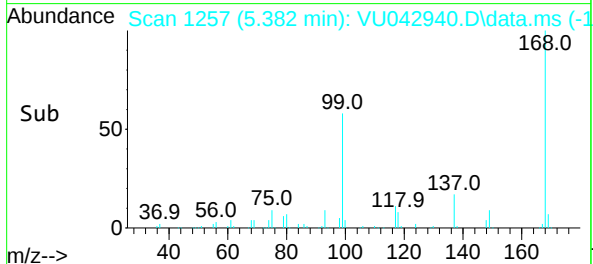
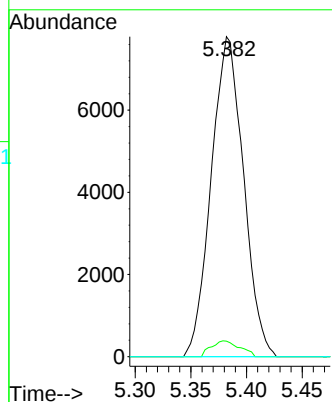
#38

Carbon Tetrachloride
 Concen: 5.63 ug/l
 RT: 5.382 min Scan# 1257
 Delta R.T. -0.151 min
 Lab File: VU042940.D
 Acq: 05 Apr 2021 19:05

Instrument :
 MSVOA_U
 ClientSampled :



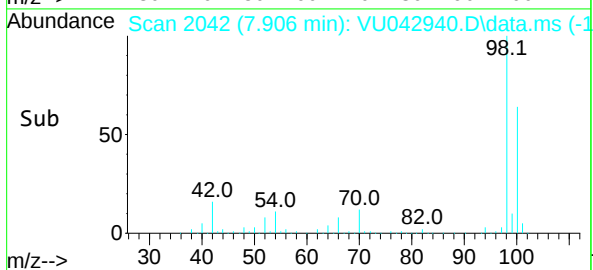
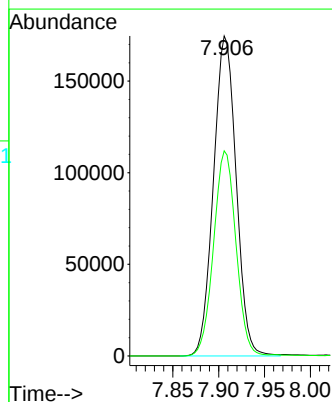
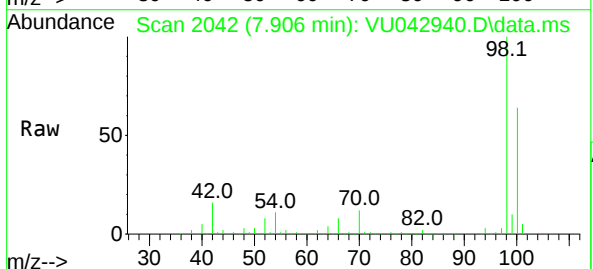
Tgt Ion:117 Resp: 15712
 Ion Ratio Lower Upper
 117 100
 119 4.8 75.2 112.8#
 121 0.0 24.2 36.4#

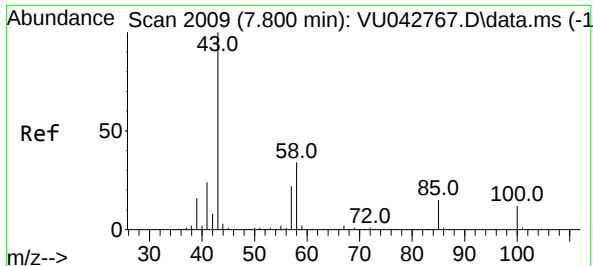


#50

Toluene-d8
 Concen: 46.33 ug/l
 RT: 7.906 min Scan# 2042
 Delta R.T. 0.000 min
 Lab File: VU042940.D
 Acq: 05 Apr 2021 19:05

Tgt Ion: 98 Resp: 300940
 Ion Ratio Lower Upper
 98 100
 100 63.0 50.4 75.6

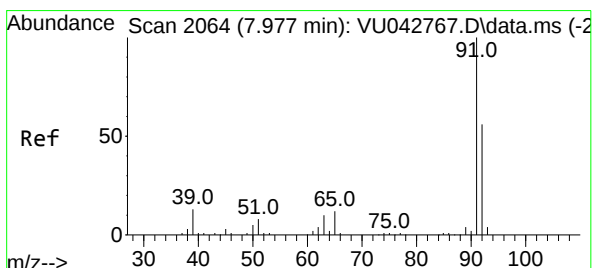
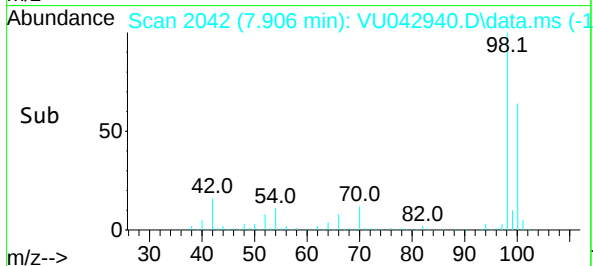
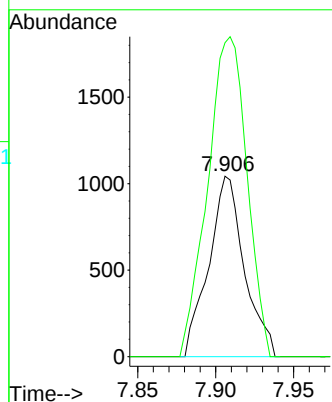
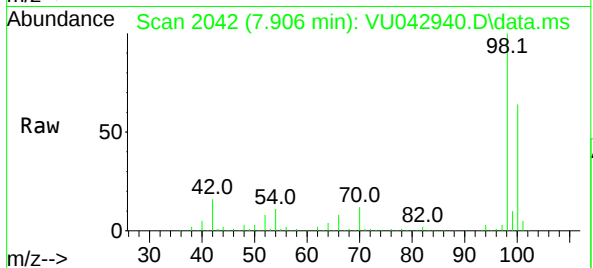




#51
4-Methyl-2-Pentanone
Concen: 0.41 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU042940.D
Acq: 05 Apr 2021 19:05

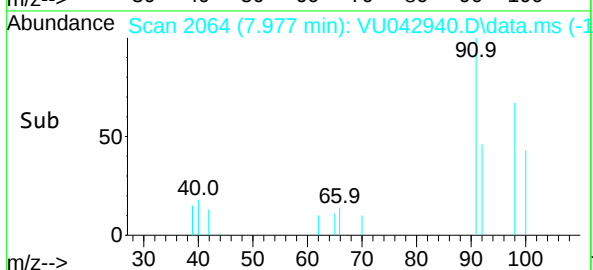
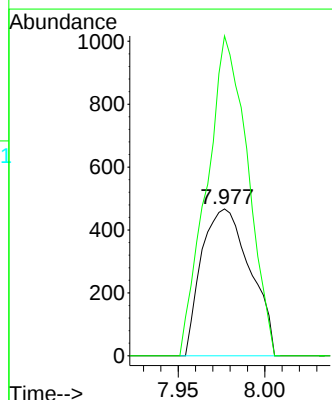
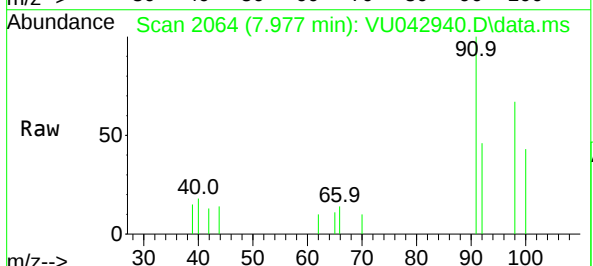
Instrument :
MSVOA_U
ClientSampled :

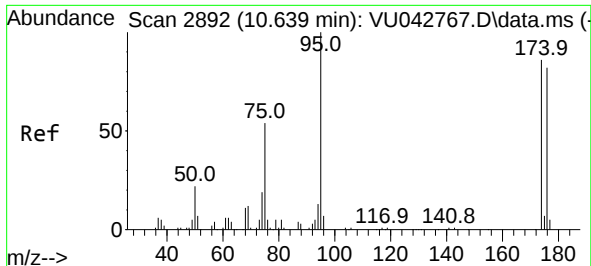
Tgt Ion: 43 Resp: 1655
Ion Ratio Lower Upper
43 100
58 195.8 27.4 41.2#



#52
Toluene
Concen: 0.20 ug/l
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042940.D
Acq: 05 Apr 2021 19:05

Tgt Ion: 92 Resp: 915
Ion Ratio Lower Upper
92 100
91 183.2 140.6 210.8

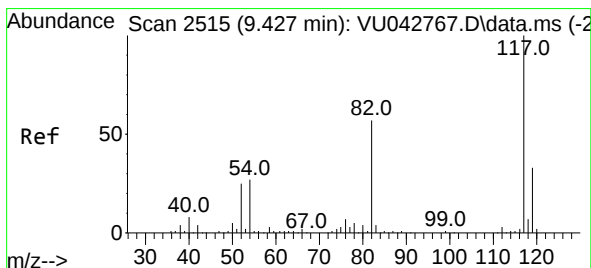
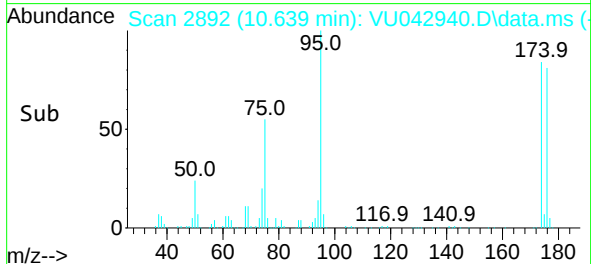
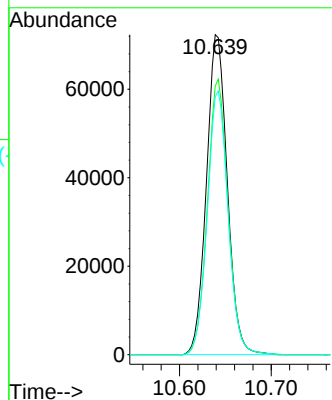
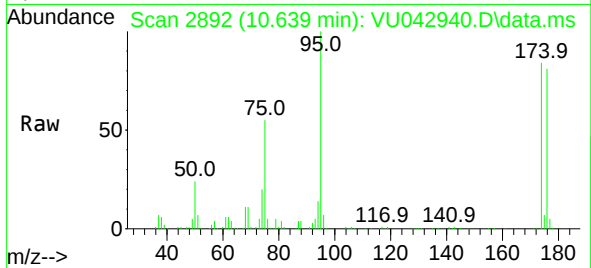




#62
4-Bromofluorobenzene
Concen: 45.33 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU042940.D
Acq: 05 Apr 2021 19:05

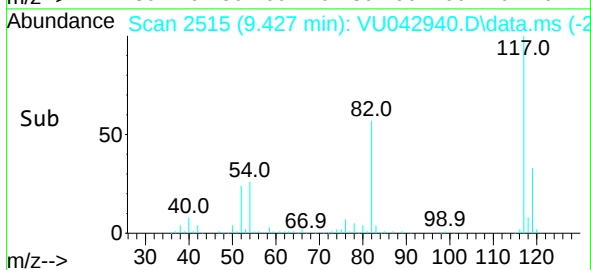
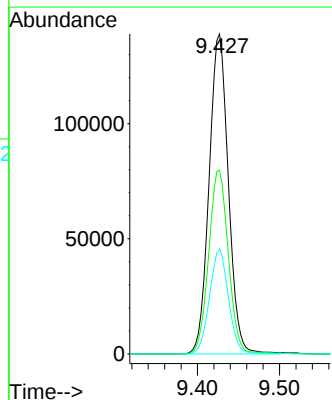
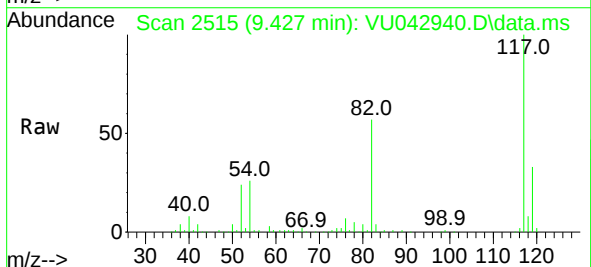
Instrument :
MSVOA_U
ClientSampleId :

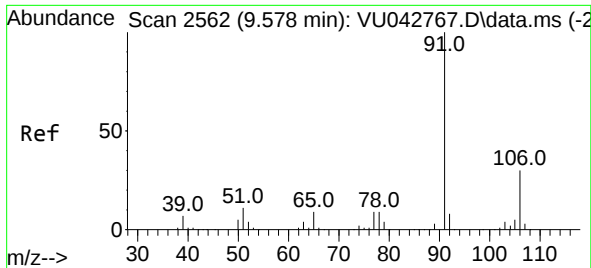
Tgt Ion: 95 Resp: 114412
Ion Ratio Lower Upper
95 100
174 85.3 0.0 175.2
176 82.3 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. 0.000 min
Lab File: VU042940.D
Acq: 05 Apr 2021 19:05

Tgt Ion: 117 Resp: 227291
Ion Ratio Lower Upper
117 100
82 57.4 45.5 68.3
119 32.8 26.2 39.4

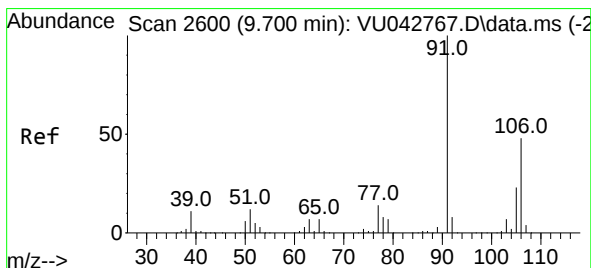
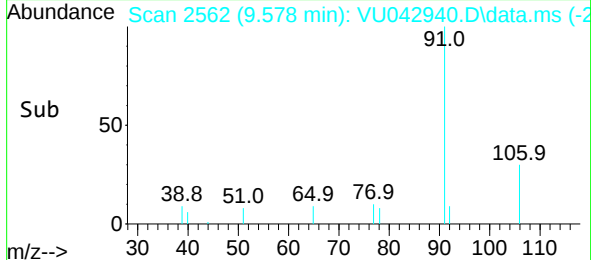
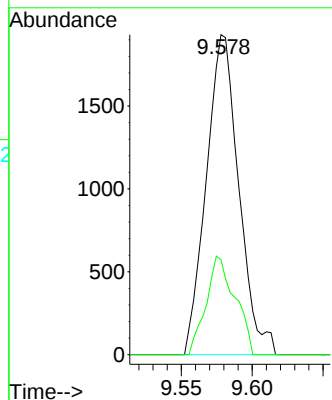
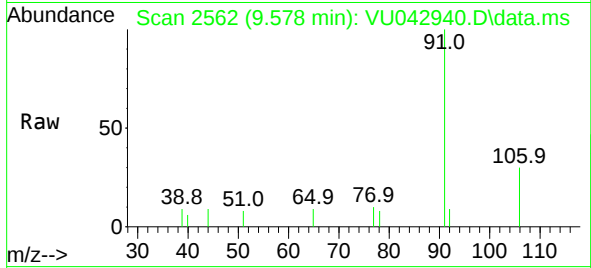




#67
Ethyl Benzene
Concen: 0.37 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042940.D
Acq: 05 Apr 2021 19:05

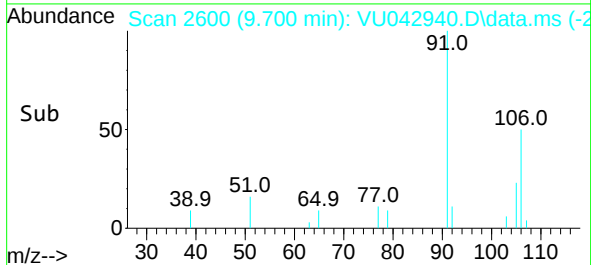
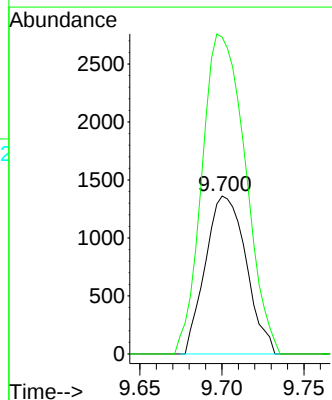
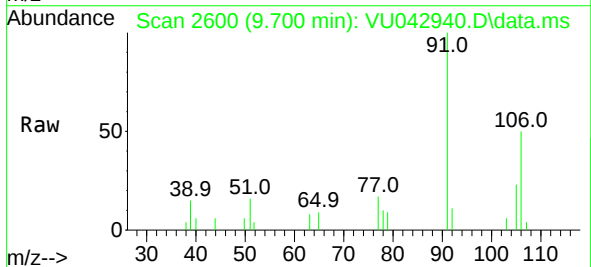
Instrument :
MSVOA_U
ClientSampled :

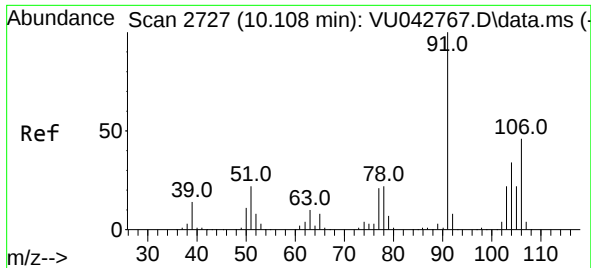
Tgt Ion: 91 Resp: 3078
Ion Ratio Lower Upper
91 100
106 29.7 24.1 36.1



#68
m/p-Xylenes
Concen: 0.77 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU042940.D
Acq: 05 Apr 2021 19:05

Tgt Ion: 106 Resp: 2344
Ion Ratio Lower Upper
106 100
91 215.4 168.3 252.5

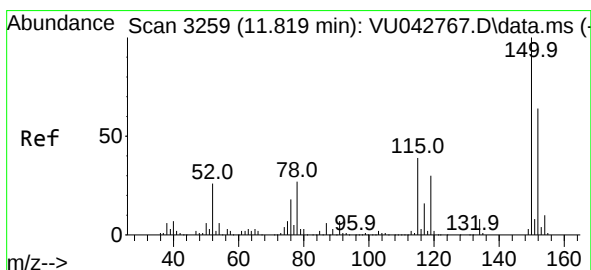
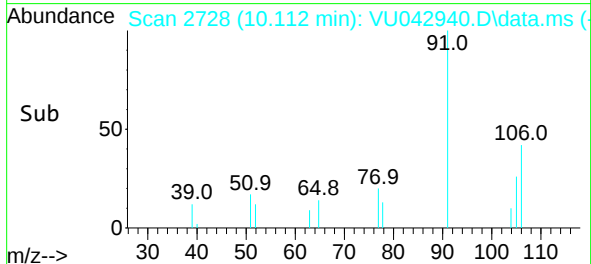
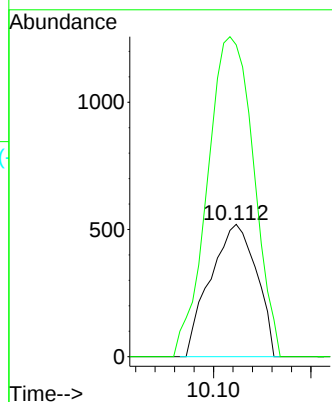
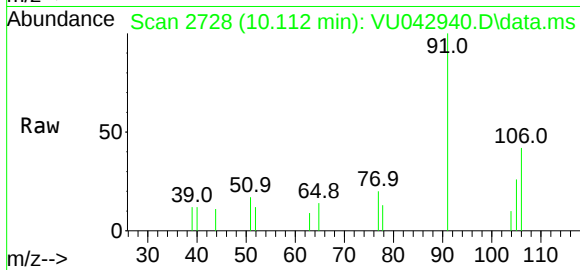




#69
o-Xylene
Concen: 0.29 ug/l
RT: 10.112 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU042940.D
Acq: 05 Apr 2021 19:05

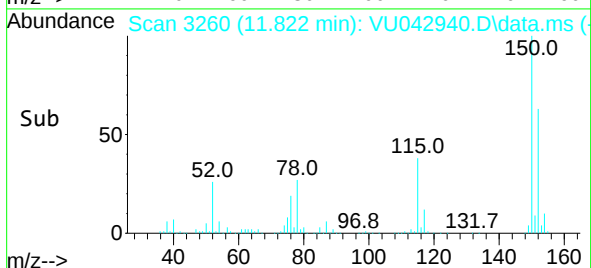
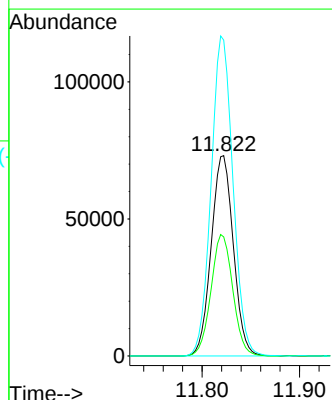
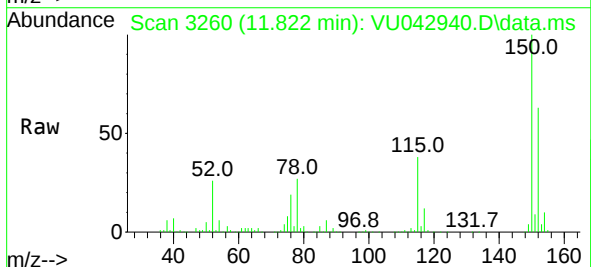
Instrument :
MSVOA_U
ClientSampleId :

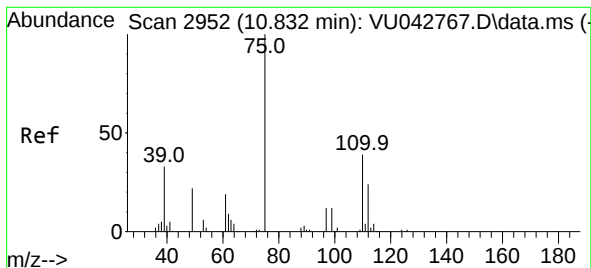
Tgt Ion:106 Resp: 857
Ion Ratio Lower Upper
106 100
91 241.4 109.9 329.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.822 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VU042940.D
Acq: 05 Apr 2021 19:05

Tgt Ion:152 Resp: 115377
Ion Ratio Lower Upper
152 100
115 59.6 41.0 123.0
150 157.7 0.0 341.0

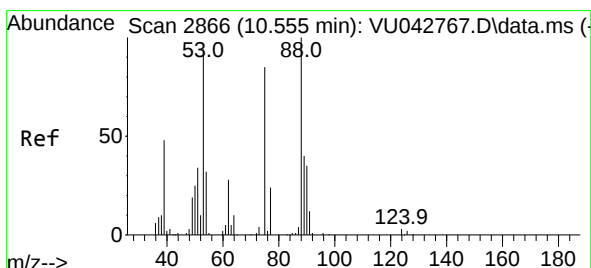
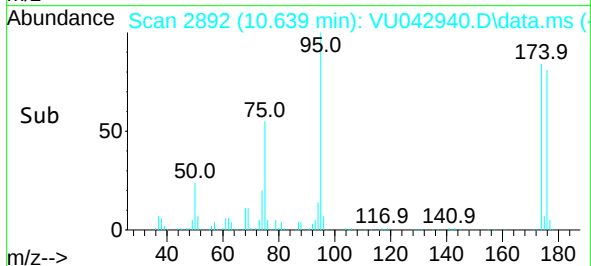
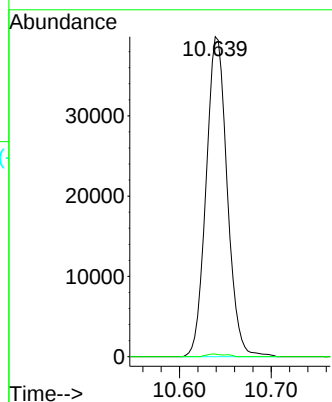
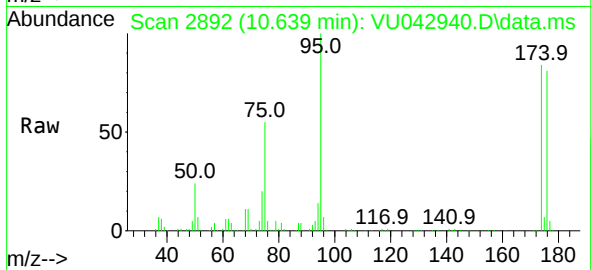




#76
1,2,3-Trichloropropane
Concen: 21.72 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042940.D
Acq: 05 Apr 2021 19:05

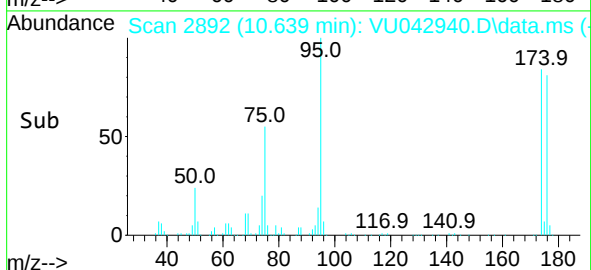
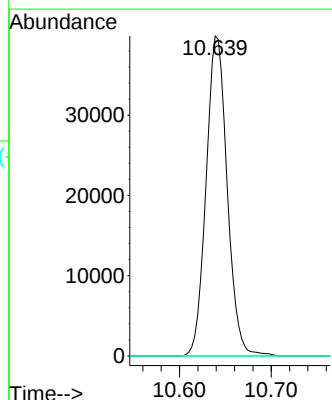
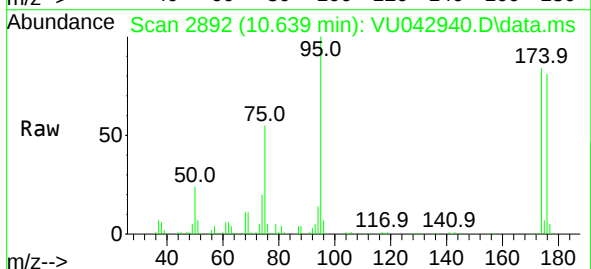
Instrument :
MSVOA_U
ClientSampled :

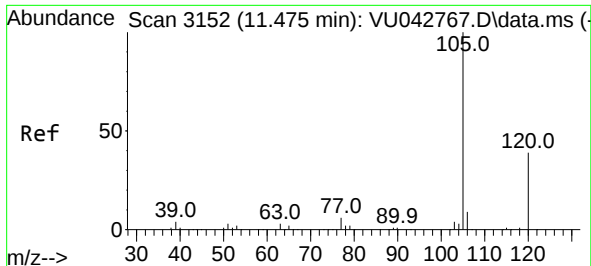
Tgt Ion: 75 Resp: 63739
Ion Ratio Lower Upper
75 100
77 0.8 19.6 58.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.36 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU042940.D
Acq: 05 Apr 2021 19:05

Tgt Ion: 75 Resp: 63739
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#

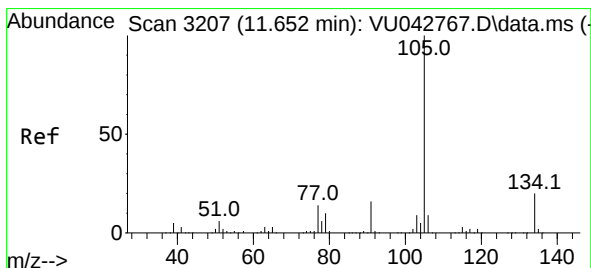
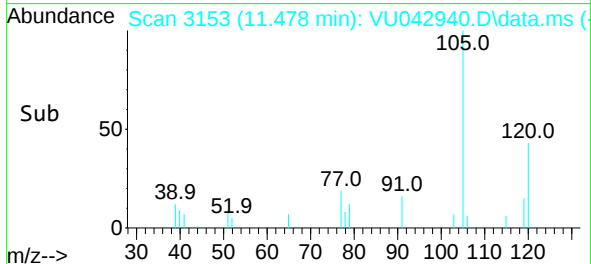
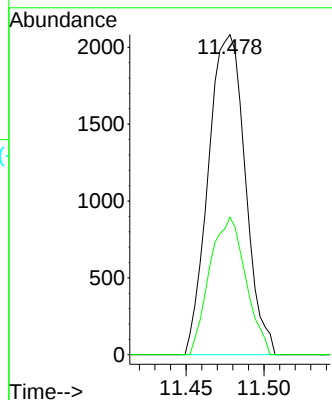
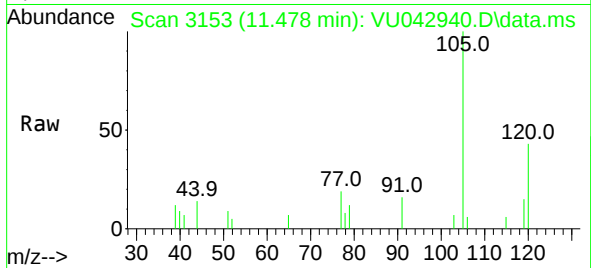




#84
1,2,4-Trimethylbenzene
Concen: 0.54 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU042940.D
Acq: 05 Apr 2021 19:05

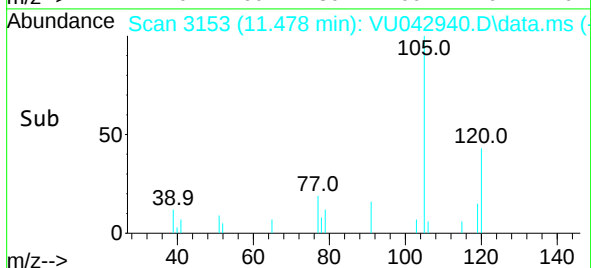
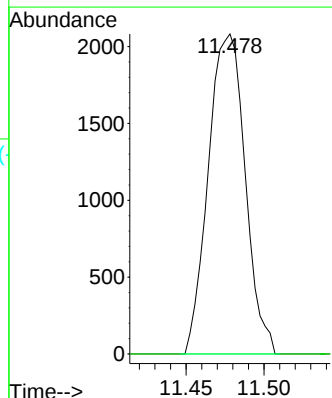
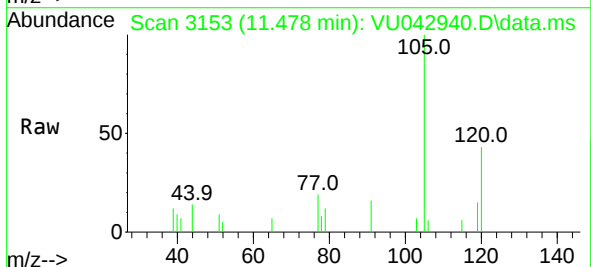
Instrument :
MSVOA_U
ClientSampleId :

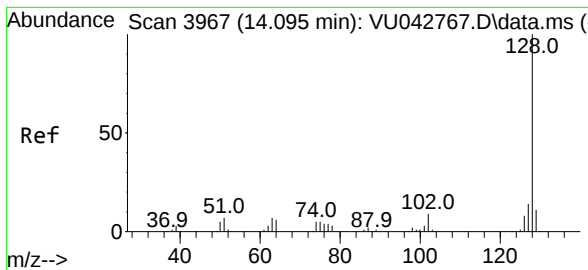
Tgt Ion:105 Resp: 3427
Ion Ratio Lower Upper
105 100
120 41.9 22.3 66.8



#85
sec-Butylbenzene
Concen: 0.48 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. -0.174 min
Lab File: VU042940.D
Acq: 05 Apr 2021 19:05

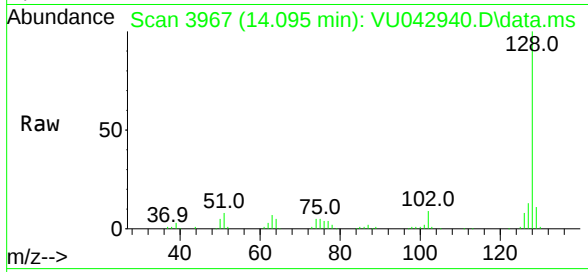
Tgt Ion:105 Resp: 3427
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.5#





#95
Naphthalene
Concen: 15.96 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042940.D
Acq: 05 Apr 2021 19:05

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 110422
Ion Ratio Lower Upper
128 100
127 13.1 10.9 16.3
129 11.1 8.7 13.1

