

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040521\
 Data File : VU042928.D
 Acq On : 05 Apr 2021 14:16
 Operator : SY/MD
 Sample : M1928-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 06 01:18:35 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)

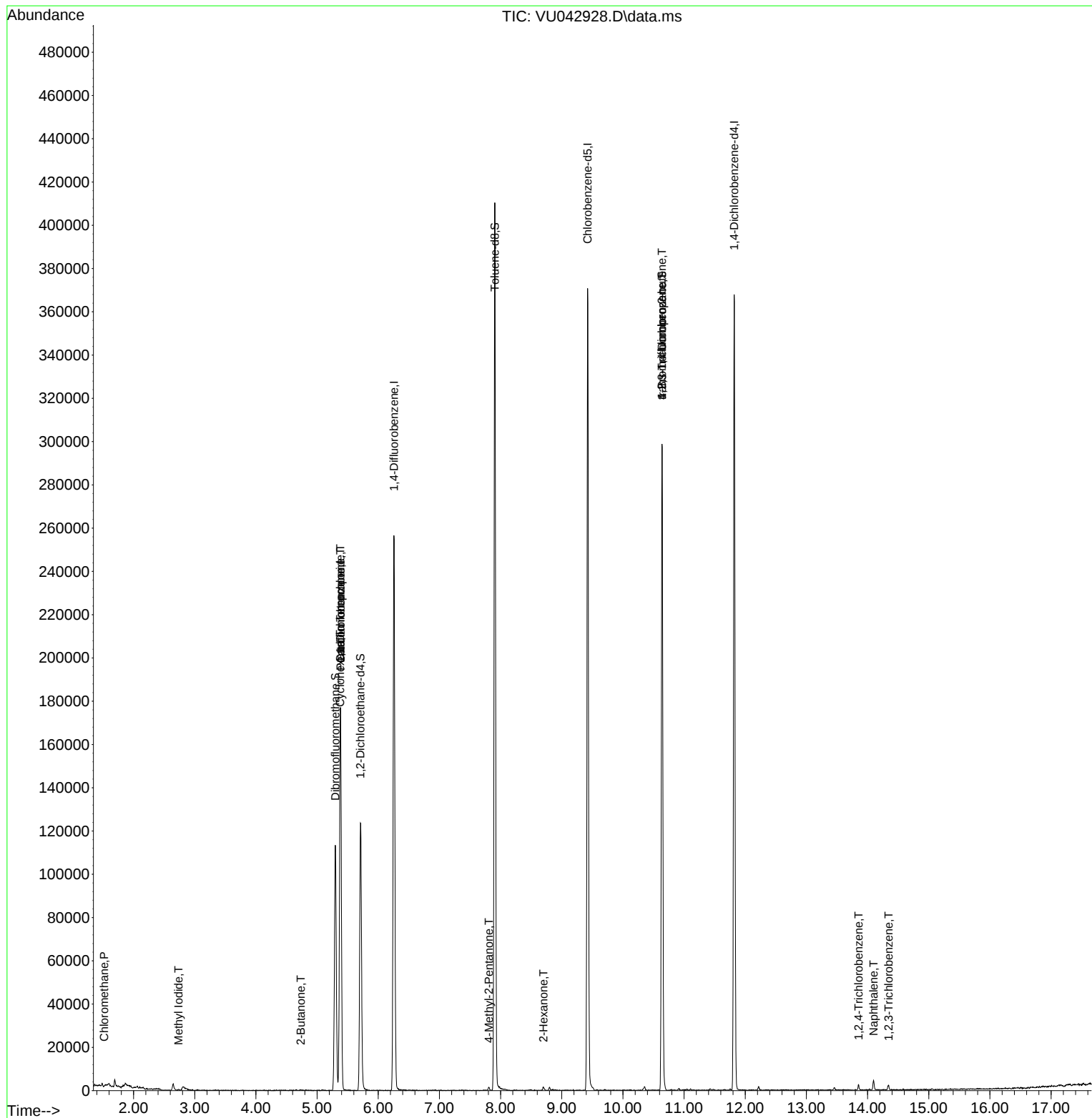
Internal Standards						
1) Pentafluorobenzene	5.385	168	121305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	195613	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	188670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	91162	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	97832	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	5.298	113	68646	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
50) Toluene-d8	7.906	98	249640	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
62) 4-Bromofluorobenzene	10.639	95	90430	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	
Target Compounds						
						Qvalue
3) Chloromethane	1.520	50	349	0.23	ug/l #	43
5) Bromomethane	1.864	94	304	Below	Cal	86
6) Chloroethane	1.864	64	66	Below	Cal #	43
10) Methyl Iodide	2.736	142	368	0.23	ug/l #	78
16) Acetone	2.645	43	3840	Below	Cal #	83
25) 2-Butanone	4.732	43	393	0.25	ug/l #	54
31) Cyclohexane	5.375	56	3027	1.26	ug/l #	26
36) 1,1-Dichloropropene	5.382	75	9948	5.14	ug/l #	50
38) Carbon Tetrachloride	5.382	117	12123	5.49	ug/l #	18
51) 4-Methyl-2-Pentanone	7.809	43	1227	0.39	ug/l #	75
59) 2-Hexanone	8.700	43	1417	0.56	ug/l	80
76) 1,2,3-Trichloropropane	10.639	75	53172	22.94	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	53172	67.95	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.854	180	885	0.48	ug/l	96
95) Naphthalene	14.098	128	4121	3.21	ug/l	96
96) 1,2,3-Trichlorobenzene	14.343	180	1051	0.56	ug/l	90

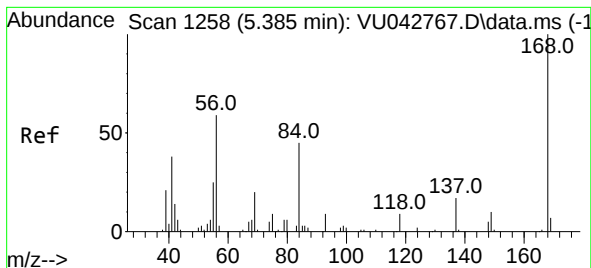
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
Quant Title : SW846 8260
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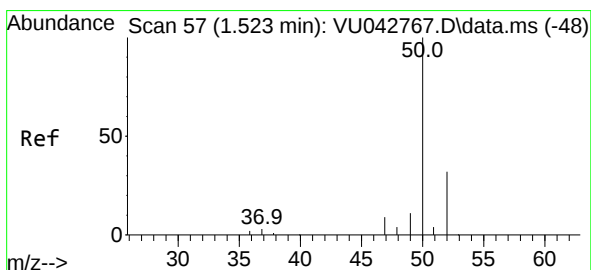
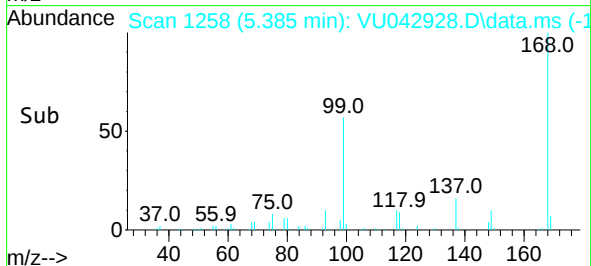
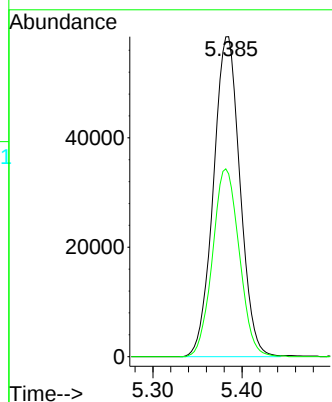
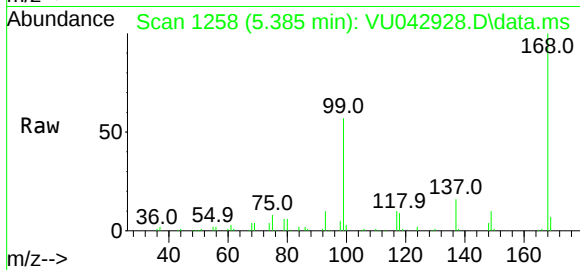




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU042928.D
Acq: 05 Apr 2021 14:16

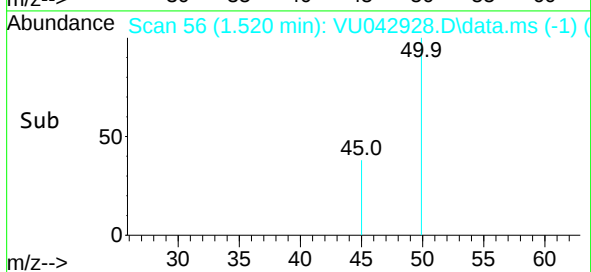
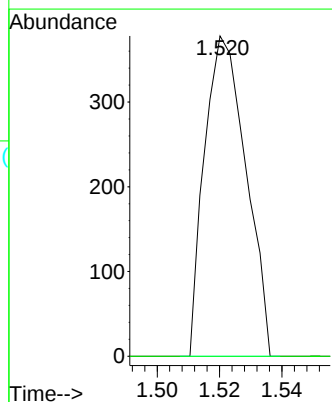
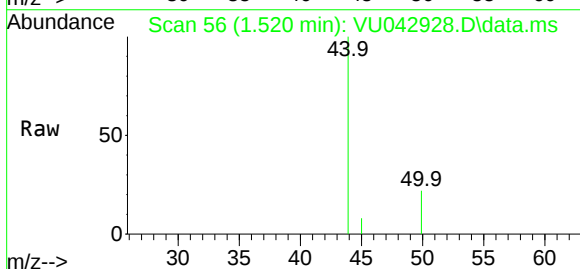
Instrument :
MSVOA_U
ClientSampled :

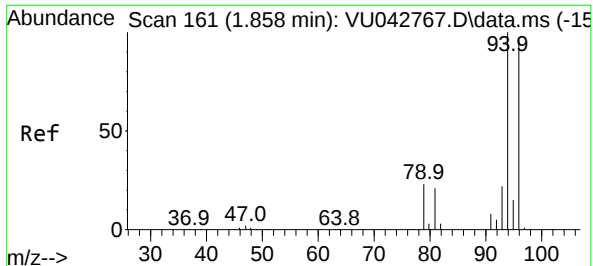
Tgt Ion:168 Resp: 121305
Ion Ratio Lower Upper
168 100
99 57.1 46.4 69.6



#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042928.D
Acq: 05 Apr 2021 14:16

Tgt Ion: 50 Resp: 349
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.0#





#5

Bromomethane

Concen: Below Cal

RT: 1.864 min Scan# 163

Delta R.T. 0.006 min

Lab File: VU042928.D

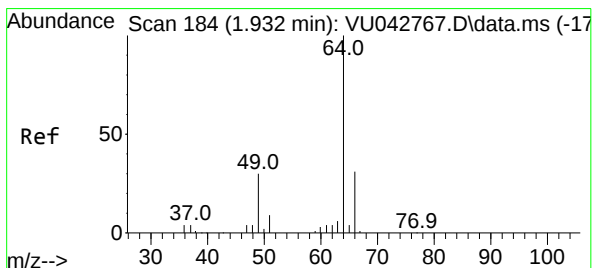
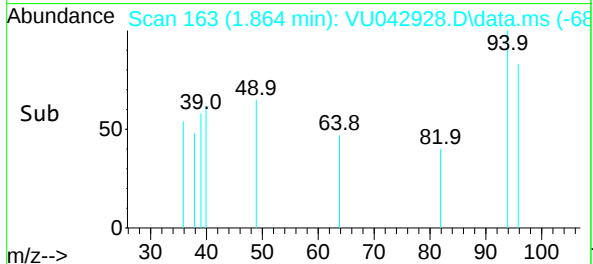
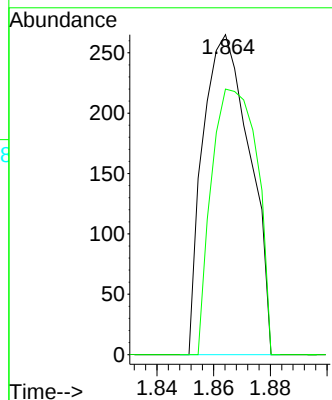
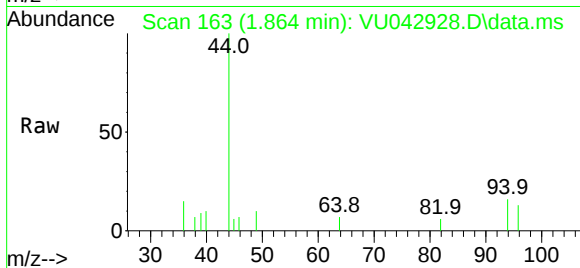
Acq: 05 Apr 2021 14:16

Tgt Ion: 94 Resp: 304

Ion Ratio Lower Upper

94 100

96 83.0 77.1 115.7



#6

Chloroethane

Concen: Below Cal

RT: 1.864 min Scan# 163

Delta R.T. -0.068 min

Lab File: VU042928.D

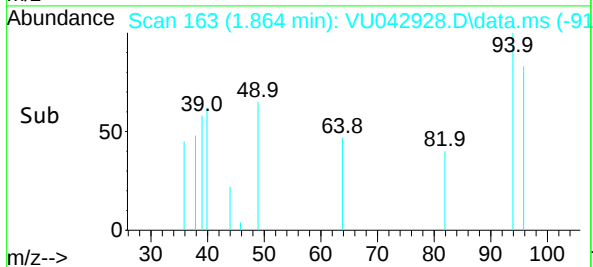
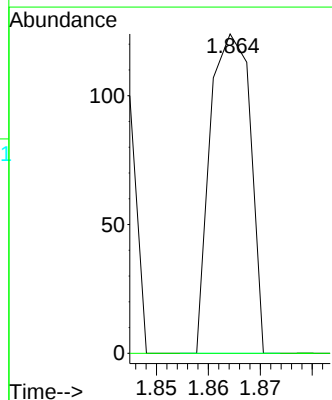
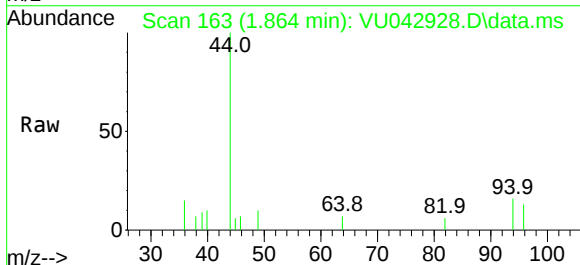
Acq: 05 Apr 2021 14:16

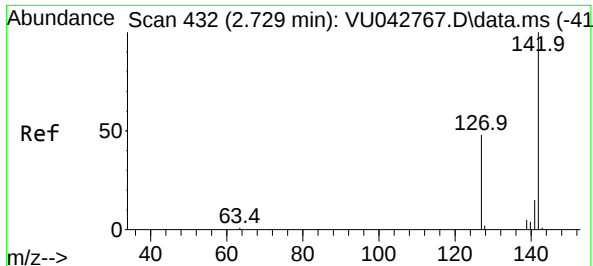
Tgt Ion: 64 Resp: 66

Ion Ratio Lower Upper

64 100

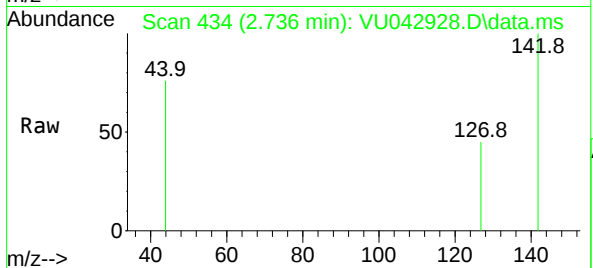
66 0.0 25.0 37.6#



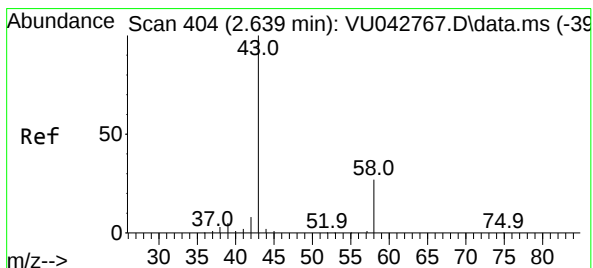
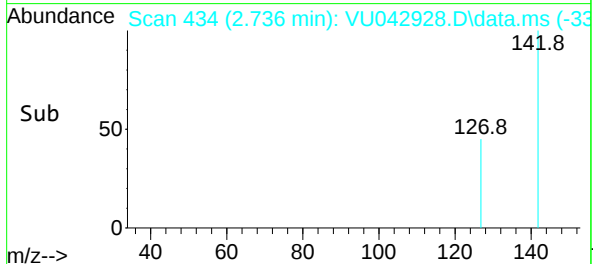
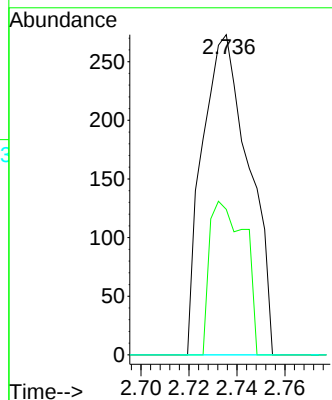


#10
Methyl Iodide
Concen: 0.23 ug/l
RT: 2.736 min Scan# 434
Delta R.T. 0.006 min
Lab File: VU042928.D
Acq: 05 Apr 2021 14:16

Instrument :
MSVOA_U
ClientSampled :

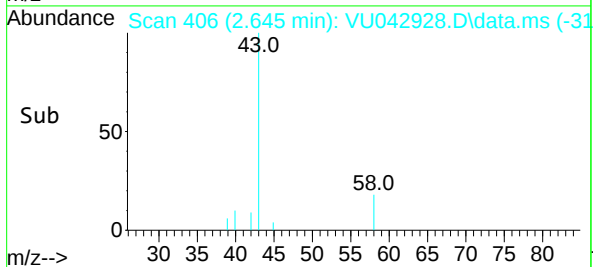
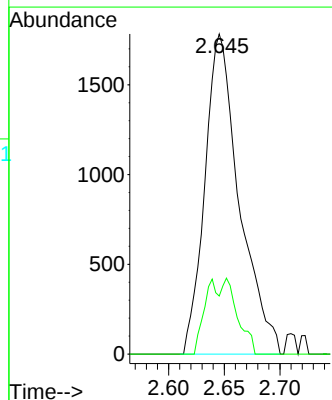
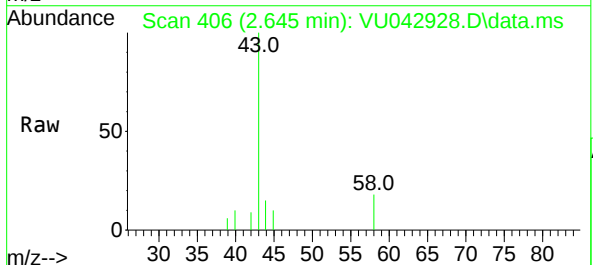


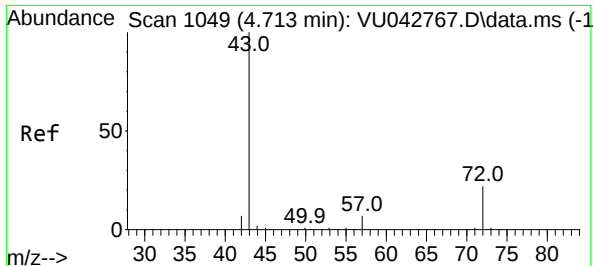
Tgt Ion:142 Resp: 368
Ion Ratio Lower Upper
142 100
127 36.1 38.7 58.1#
141 0.0 12.0 18.0#



#16
Acetone
Concen: Below Cal
RT: 2.645 min Scan# 406
Delta R.T. 0.006 min
Lab File: VU042928.D
Acq: 05 Apr 2021 14:16

Tgt Ion: 43 Resp: 3840
Ion Ratio Lower Upper
43 100
58 18.1 21.6 32.4#

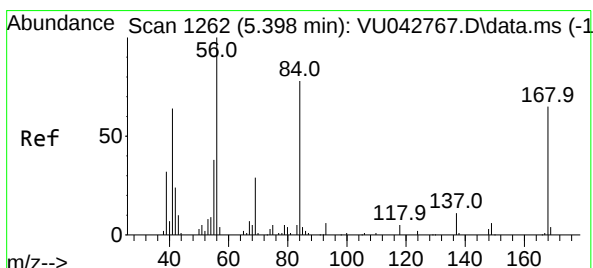
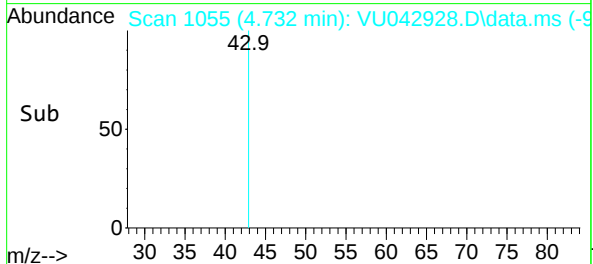
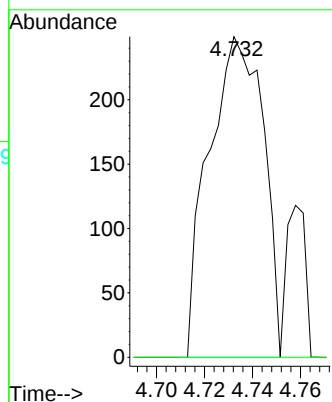
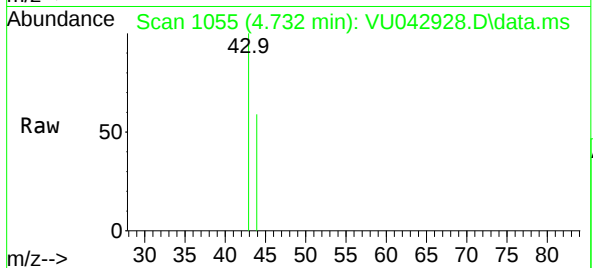




#25
2-Butanone
Concen: 0.25 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. 0.019 min
Lab File: VU042928.D
Acq: 05 Apr 2021 14:16

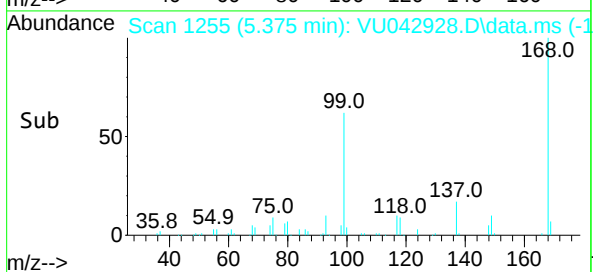
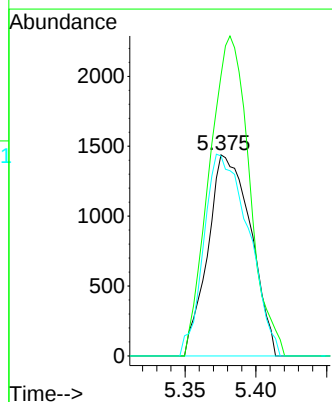
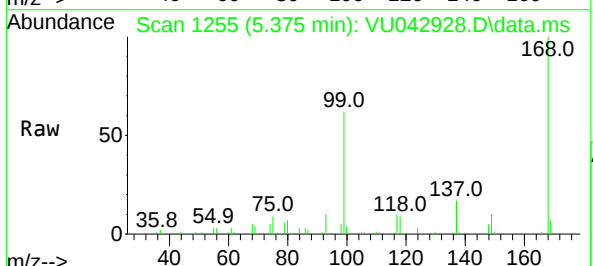
Instrument :
MSVOA_U
ClientSampled :

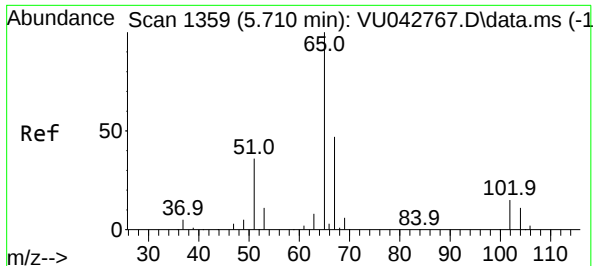
Tgt Ion: 43 Resp: 393
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.26 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.023 min
Lab File: VU042928.D
Acq: 05 Apr 2021 14:16

Tgt Ion: 56 Resp: 3027
Ion Ratio Lower Upper
56 100
69 139.4 23.3 34.9#
84 99.4 62.2 93.4#

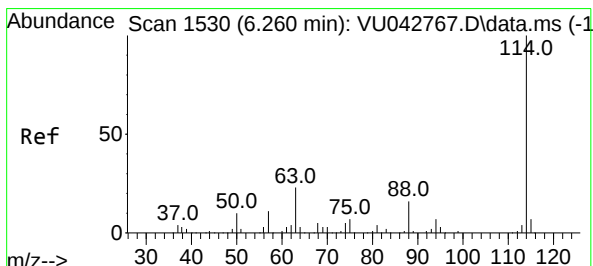
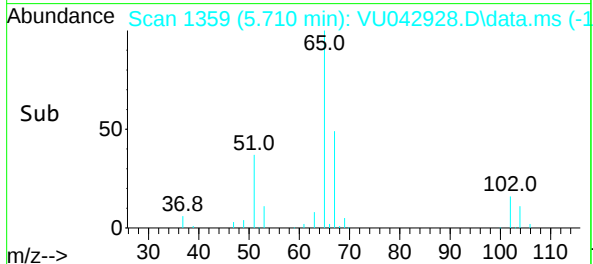
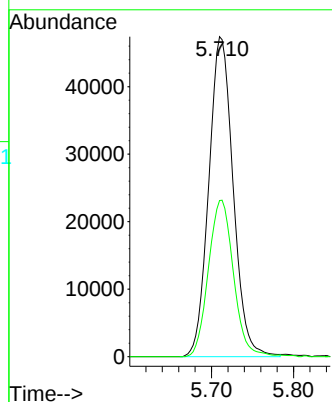
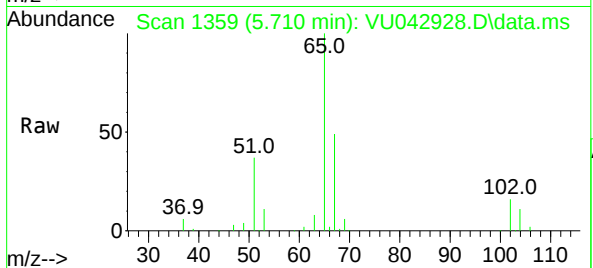




#33
1,2-Dichloroethane-d4
Concen: 50.59 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU042928.D
Acq: 05 Apr 2021 14:16

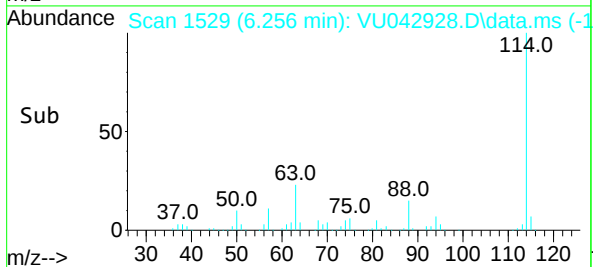
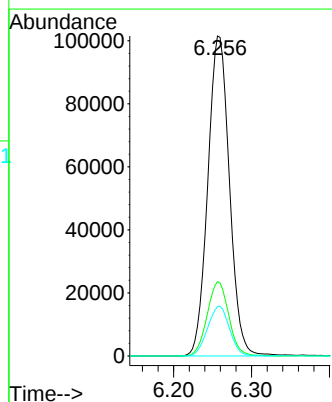
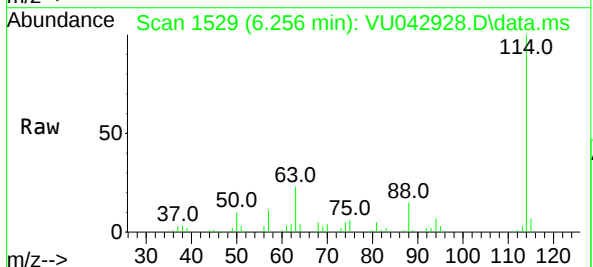
Instrument :
MSVOA_U
ClientSampleId :

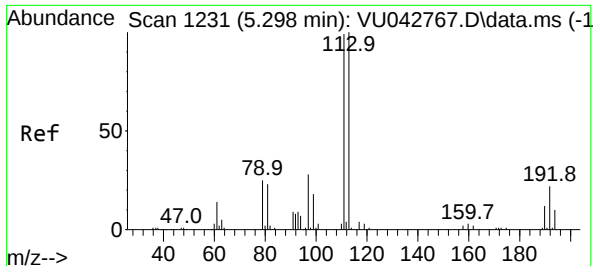
Tgt Ion: 65 Resp: 97832
Ion Ratio Lower Upper
65 100
67 50.1 0.0 98.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.004 min
Lab File: VU042928.D
Acq: 05 Apr 2021 14:16

Tgt Ion: 114 Resp: 195613
Ion Ratio Lower Upper
114 100
63 23.2 0.0 46.8
88 15.4 0.0 32.2

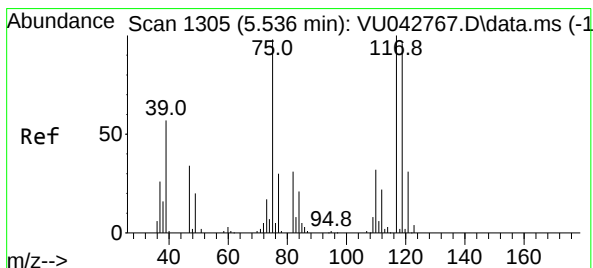
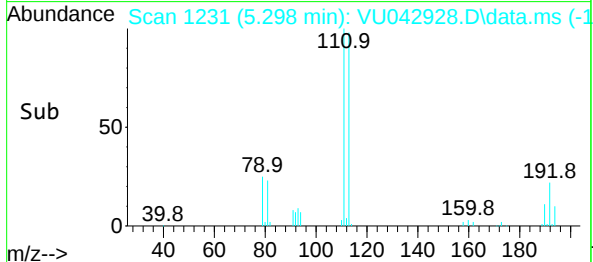
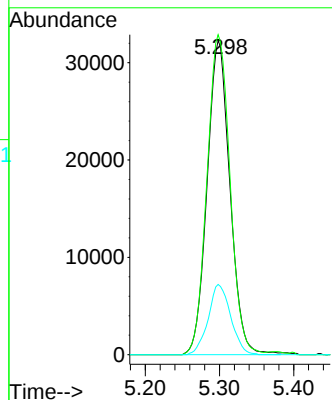
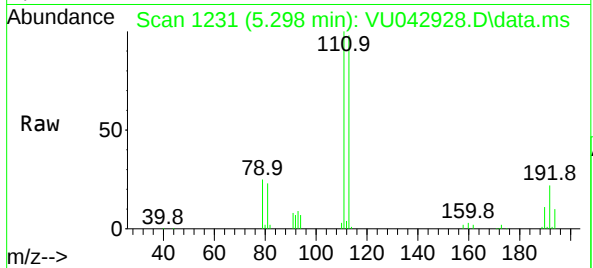




#35
Dibromofluoromethane
Concen: 47.02 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042928.D
Acq: 05 Apr 2021 14:16

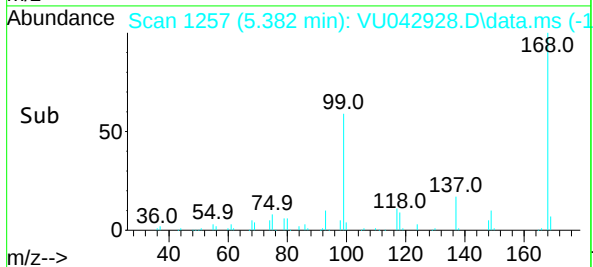
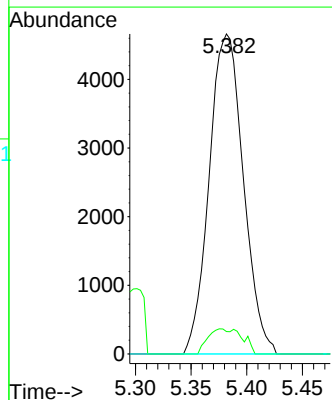
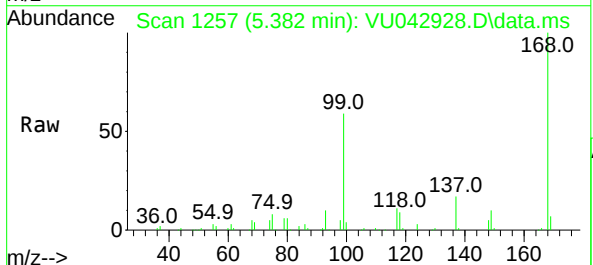
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MSVOA_U
ClientSampleId :

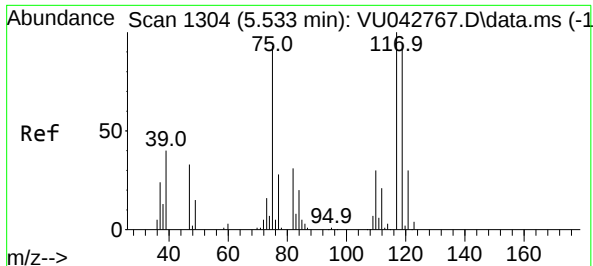
Tgt Ion:113 Resp: 68646
Ion Ratio Lower Upper
113 100
111 103.0 82.1 123.1
192 22.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.14 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.154 min
Lab File: VU042928.D
Acq: 05 Apr 2021 14:16

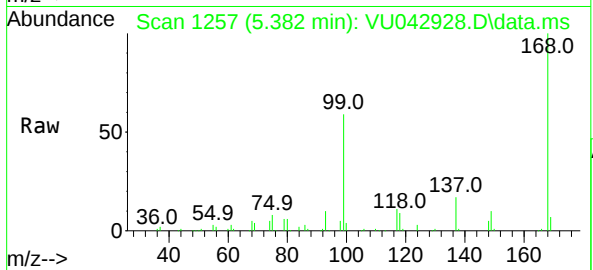
Tgt Ion: 75 Resp: 9948
Ion Ratio Lower Upper
75 100
110 7.9 16.6 49.7#
77 0.0 24.7 37.1#



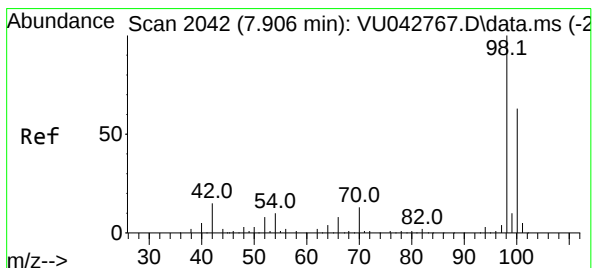
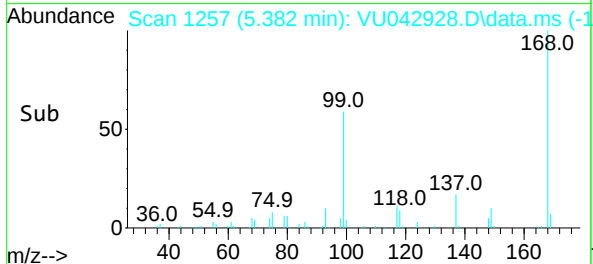
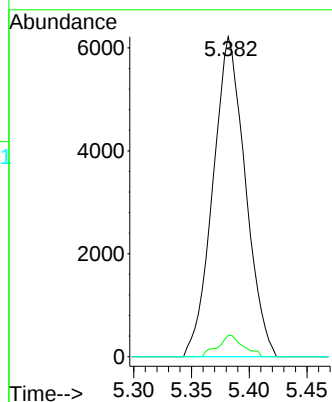


#38
Carbon Tetrachloride
Concen: 5.49 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042928.D
Acq: 05 Apr 2021 14:16

Instrument :
MSVOA_U
ClientSampleId :

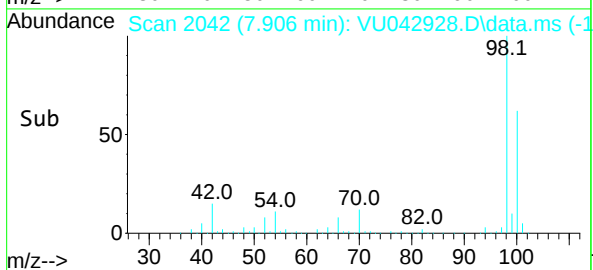
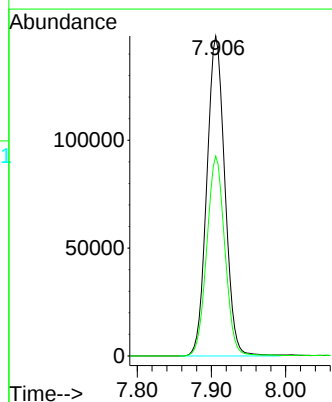
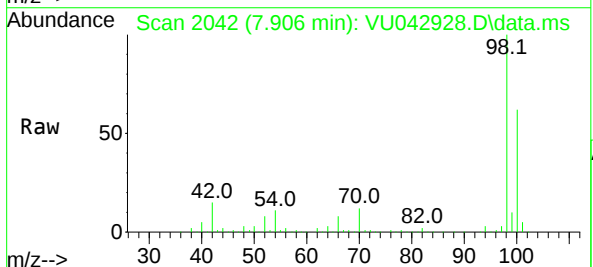


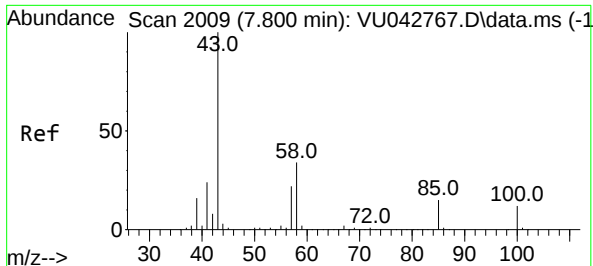
Tgt Ion:117 Resp: 12123
Ion Ratio Lower Upper
117 100
119 6.6 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 48.61 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042928.D
Acq: 05 Apr 2021 14:16

Tgt Ion: 98 Resp: 249640
Ion Ratio Lower Upper
98 100
100 62.5 50.4 75.6

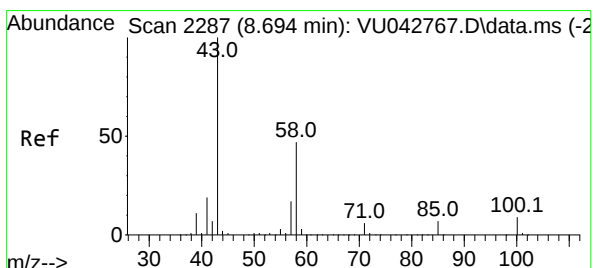
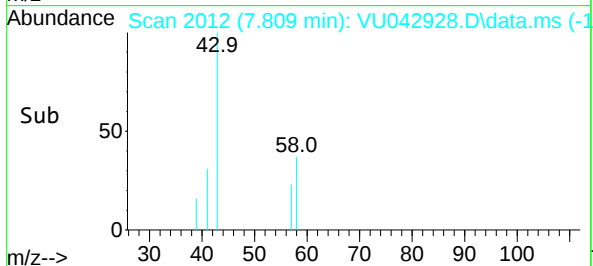
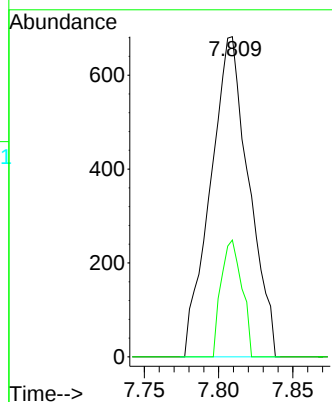
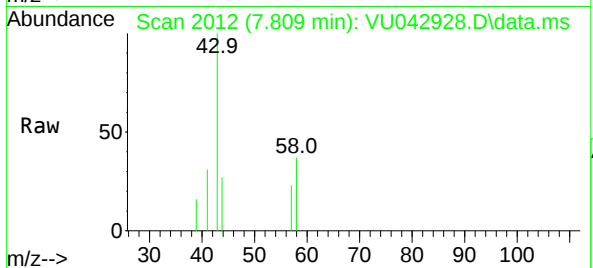




#51
4-Methyl-2-Pentanone
Concen: 0.39 ug/l
RT: 7.809 min Scan# 2012
Delta R.T. 0.010 min
Lab File: VU042928.D
Acq: 05 Apr 2021 14:16

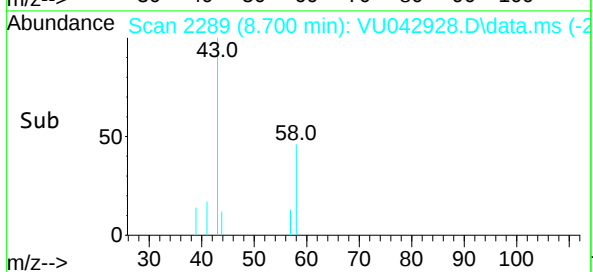
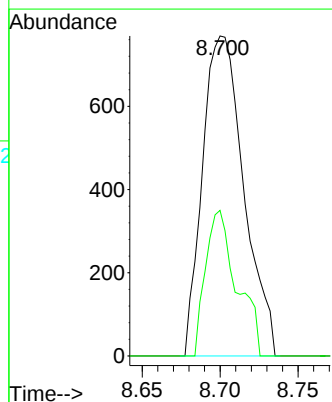
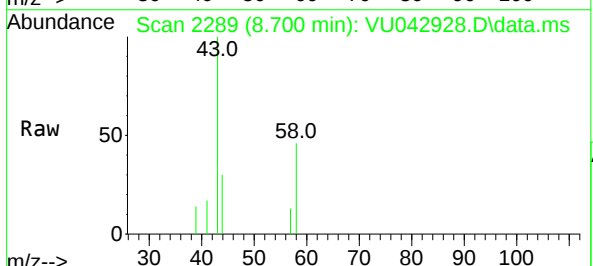
Instrument :
MSVOA_U
ClientSampled :

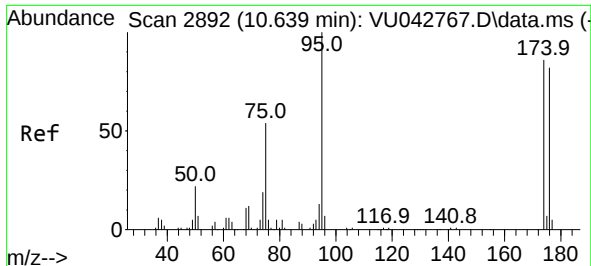
Tgt Ion: 43 Resp: 1227
Ion Ratio Lower Upper
43 100
58 19.7 27.4 41.2#



#59
2-Hexanone
Concen: 0.56 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VU042928.D
Acq: 05 Apr 2021 14:16

Tgt Ion: 43 Resp: 1417
Ion Ratio Lower Upper
43 100
58 34.4 23.8 71.2

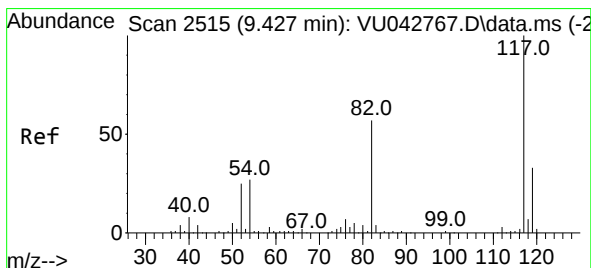
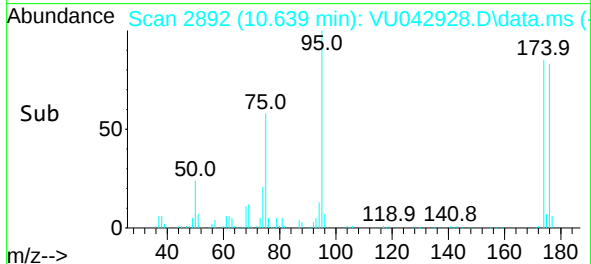
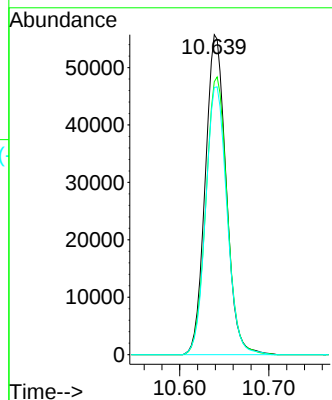
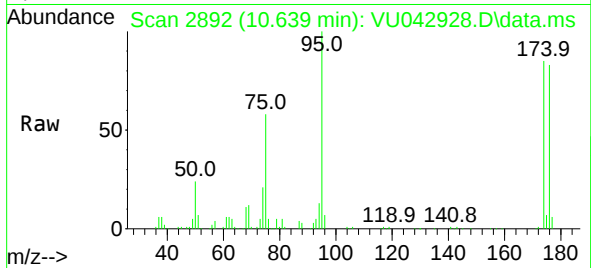




#62
4-Bromofluorobenzene
Concen: 45.31 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042928.D
Acq: 05 Apr 2021 14:16

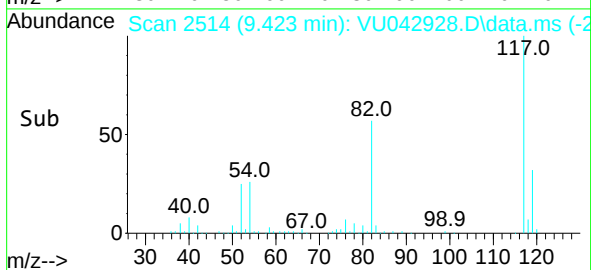
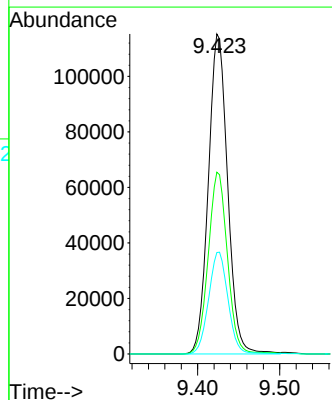
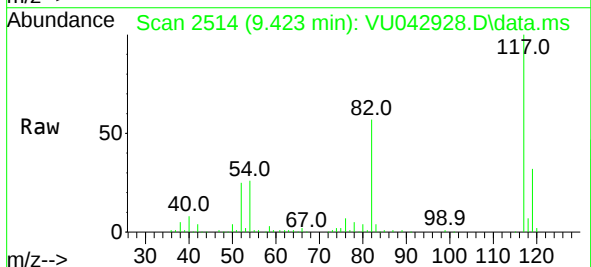
Instrument :
MSVOA_U
ClientSampleId :

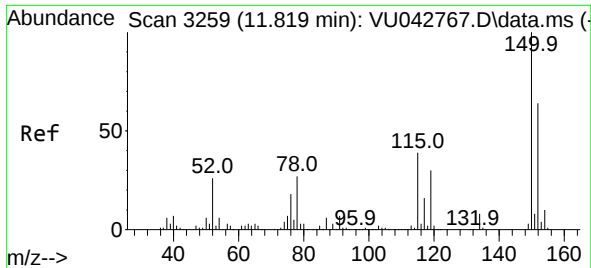
Tgt Ion: 95 Resp: 90430
Ion Ratio Lower Upper
95 100
174 89.0 0.0 175.2
176 85.7 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042928.D
Acq: 05 Apr 2021 14:16

Tgt Ion: 117 Resp: 188670
Ion Ratio Lower Upper
117 100
82 56.8 45.5 68.3
119 31.7 26.2 39.4

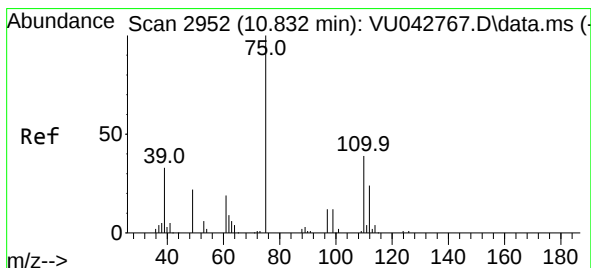
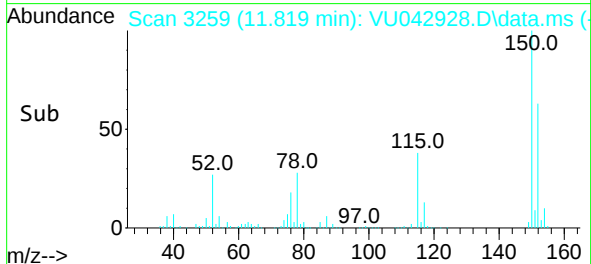
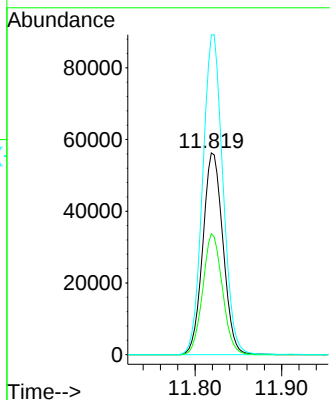
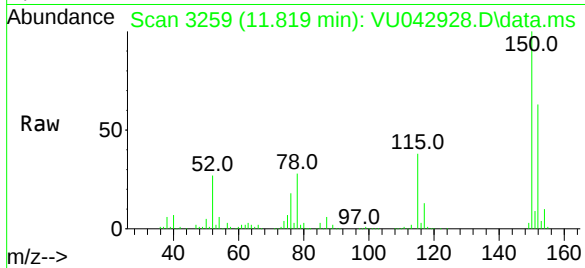




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU042928.D
 Acq: 05 Apr 2021 14:16

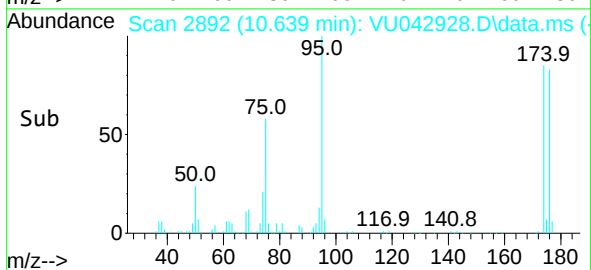
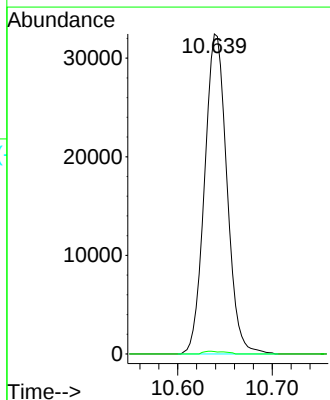
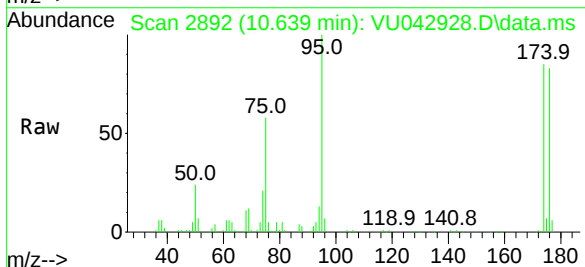
Instrument :
 MSVOA_U
 ClientSampleId :

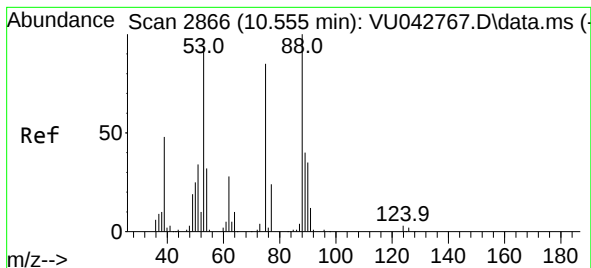
Tgt Ion:152 Resp: 91162
 Ion Ratio Lower Upper
 152 100
 115 58.2 41.0 123.0
 150 158.9 0.0 341.0



#76
 1,2,3-Trichloropropane
 Concen: 22.94 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU042928.D
 Acq: 05 Apr 2021 14:16

Tgt Ion: 75 Resp: 53172
 Ion Ratio Lower Upper
 75 100
 77 0.8 19.6 58.8#

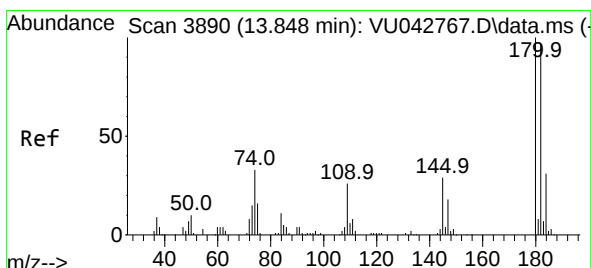
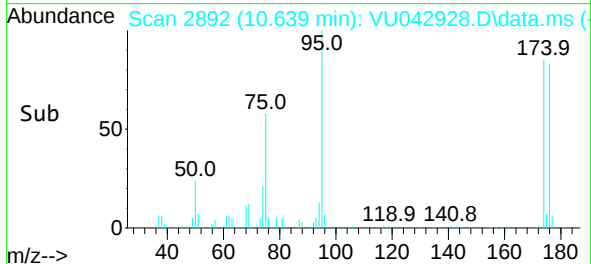
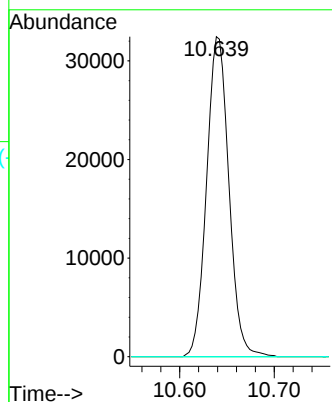
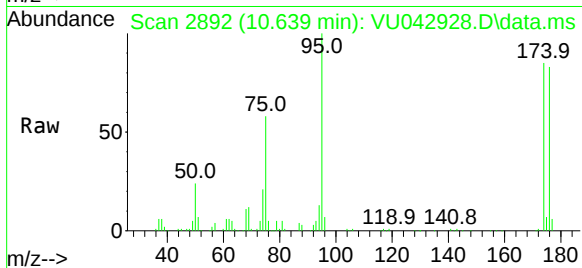




#81
trans-1,4-Dichloro-2-butene
Concen: 67.95 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042928.D
Acq: 05 Apr 2021 14:16

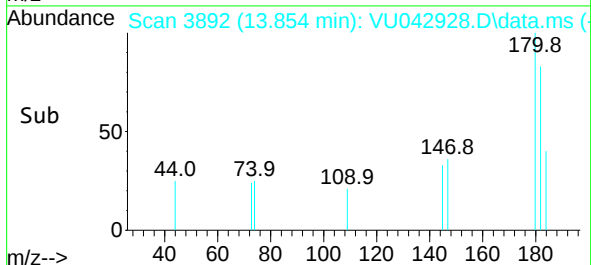
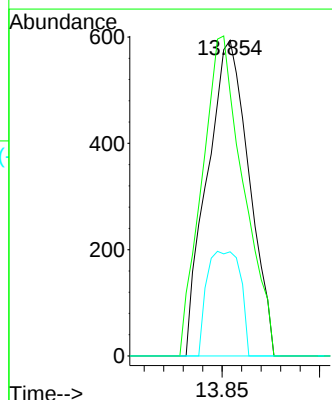
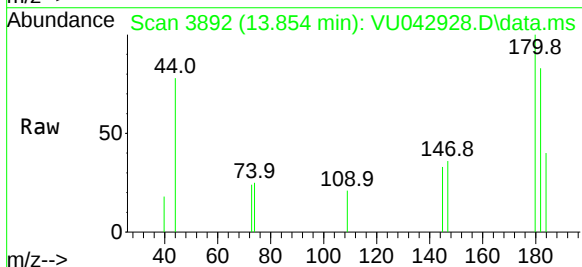
Instrument :
MSVOA_U
ClientSampleId :

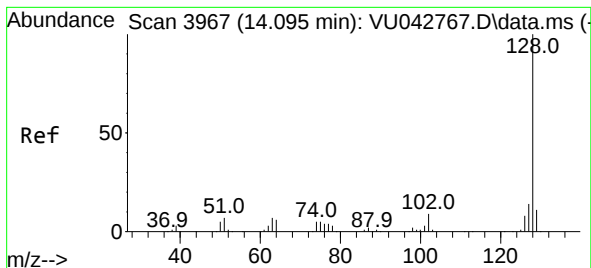
Tgt Ion: 75 Resp: 53172
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.48 ug/l
RT: 13.854 min Scan# 3892
Delta R.T. 0.006 min
Lab File: VU042928.D
Acq: 05 Apr 2021 14:16

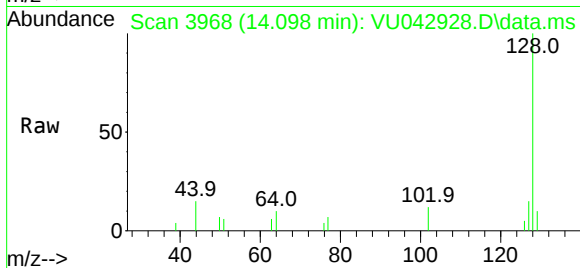
Tgt Ion:180 Resp: 885
Ion Ratio Lower Upper
180 100
182 100.2 48.0 144.0
145 26.6 14.5 43.5



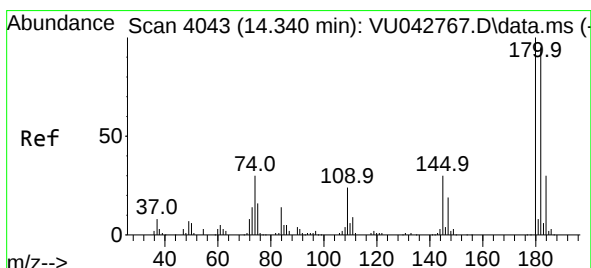
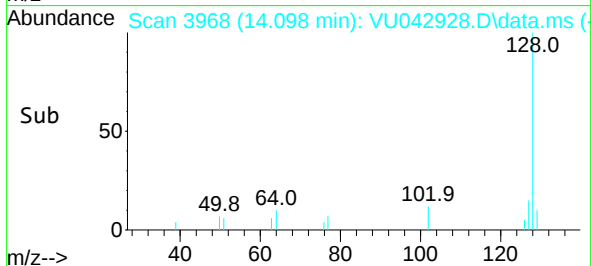
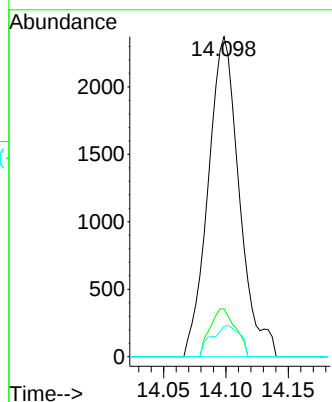


#95
Naphthalene
Concen: 3.21 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042928.D
Acq: 05 Apr 2021 14:16

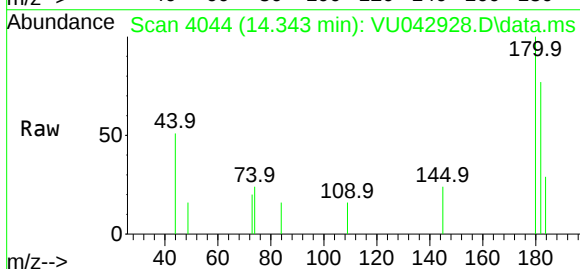
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 4121
Ion Ratio Lower Upper
128 100
127 12.3 10.9 16.3
129 8.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.56 ug/l
RT: 14.343 min Scan# 4044
Delta R.T. 0.003 min
Lab File: VU042928.D
Acq: 05 Apr 2021 14:16



Tgt Ion:180 Resp: 1051
Ion Ratio Lower Upper
180 100
182 84.2 47.5 142.6
145 27.7 15.0 45.0

