

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
 Data File : VU042952.D
 Acq On : 06 Apr 2021 14:17
 Operator : SY/MD
 Sample : M1926-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 07 01:42:32 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)

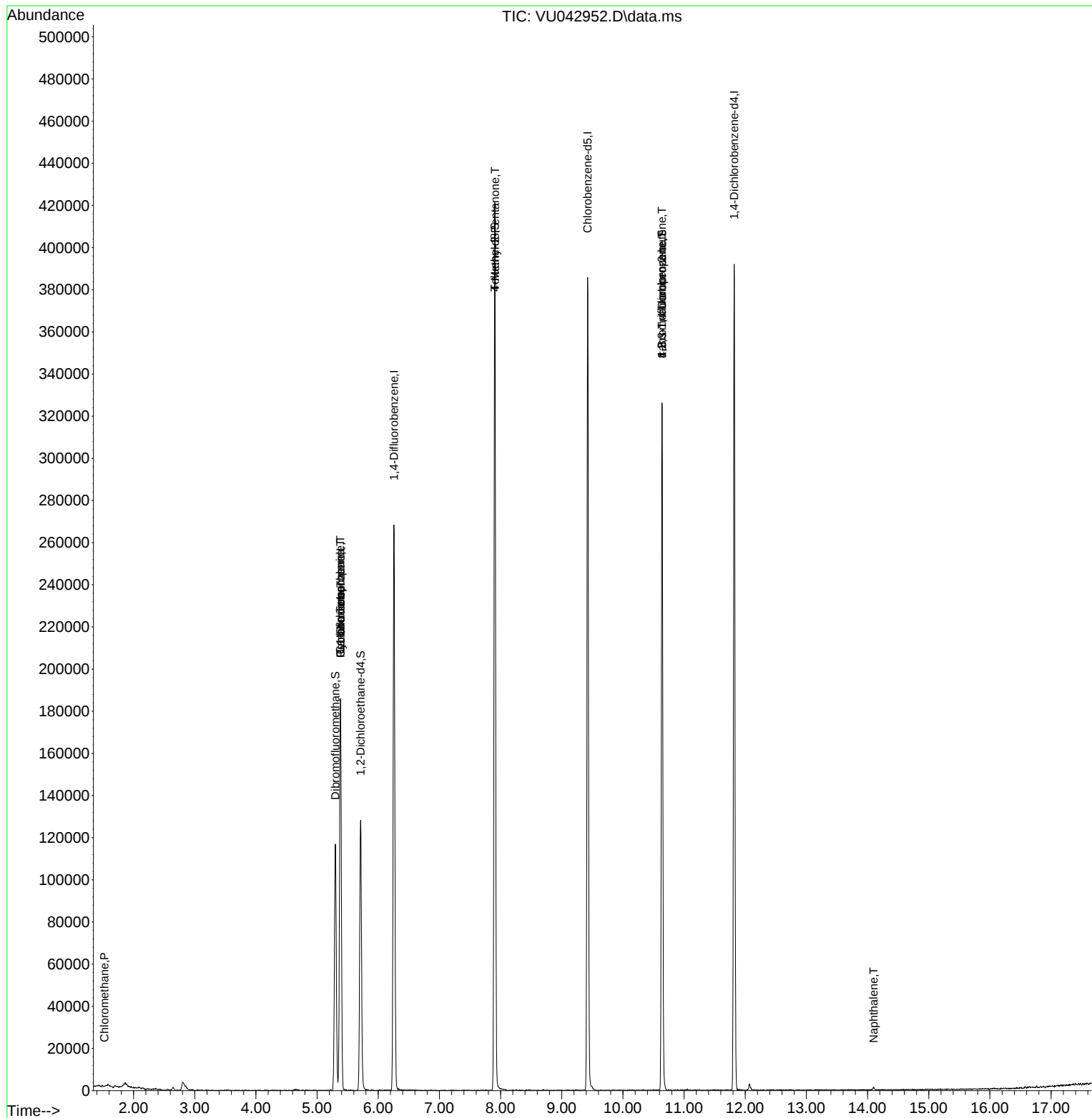
Internal Standards						
1) Pentafluorobenzene	5.385	168	129341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	204309	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	195884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	97407	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	101637	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
35) Dibromofluoromethane	5.298	113	72355	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
50) Toluene-d8	7.906	98	259206	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	10.639	95	98080	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
Target Compounds						Qvalue
3) Chloromethane	1.523	50	337	0.20	ug/l #	43
5) Bromomethane	1.864	94	163	Below Cal	#	73
6) Chloroethane	1.925	64	92	Below Cal	#	43
16) Acetone	2.642	43	1878	Below Cal		96
31) Cyclohexane	5.385	56	3393	1.32	ug/l #	27
36) 1,1-Dichloropropene	5.382	75	10565	5.23	ug/l #	51
38) Carbon Tetrachloride	5.382	117	12762	5.53	ug/l #	16
51) 4-Methyl-2-Pentanone	7.909	43	1293	0.39	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	54331	21.93	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.639	75	54331	64.98	ug/l #	6
95) Naphthalene	14.098	128	1715	2.82	ug/l #	74

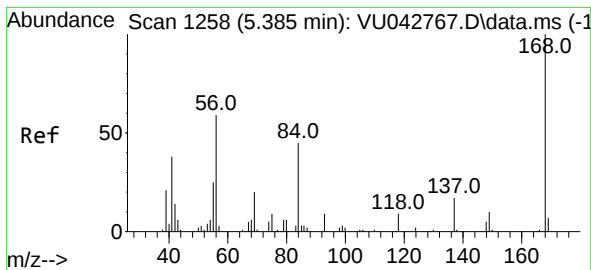
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

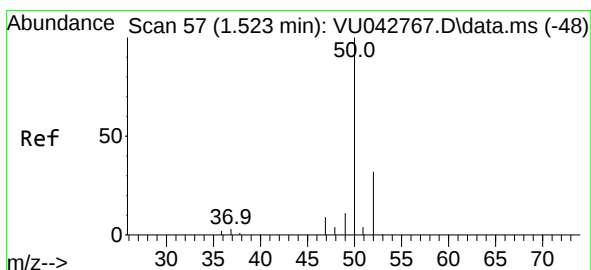
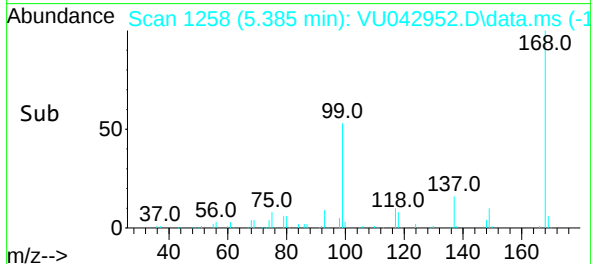
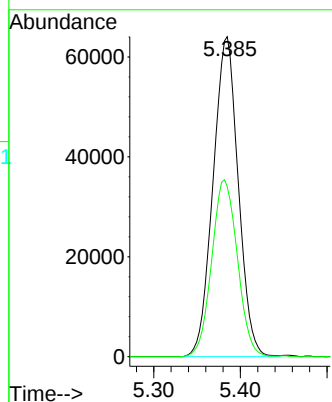
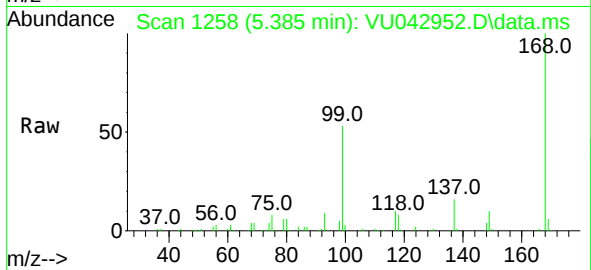




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU042952.D
Acq: 06 Apr 2021 14:17

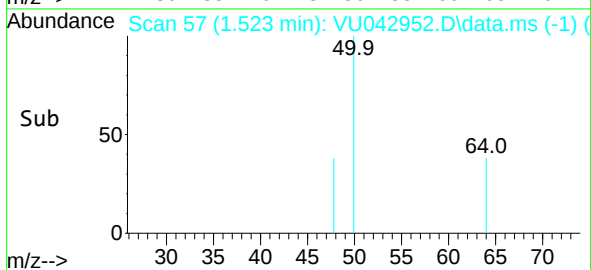
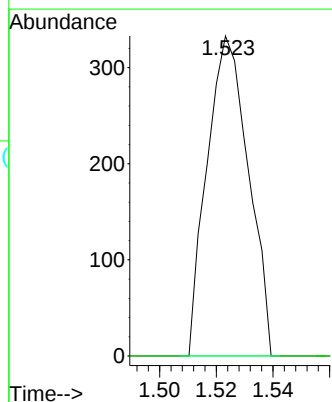
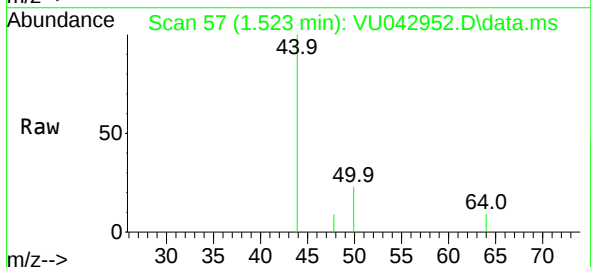
Instrument :
MSVOA_U
ClientSampled :

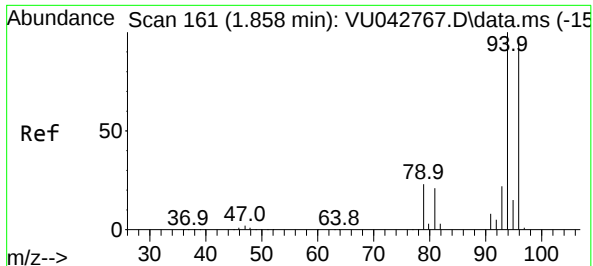
Tgt Ion:168 Resp: 129341
Ion Ratio Lower Upper
168 100
99 53.1 46.4 69.6



#3
Chloromethane
Concen: 0.20 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042952.D
Acq: 06 Apr 2021 14:17

Tgt Ion: 50 Resp: 337
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: VU042952.D

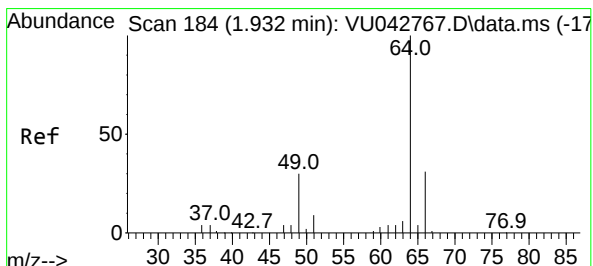
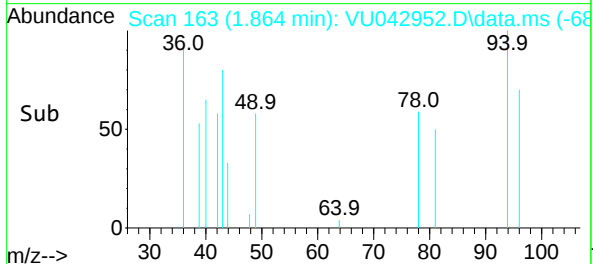
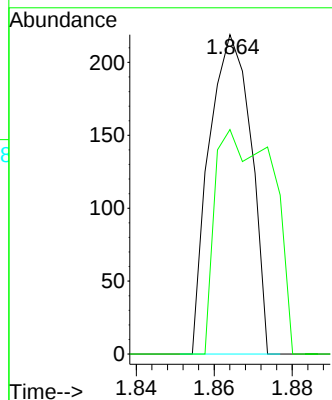
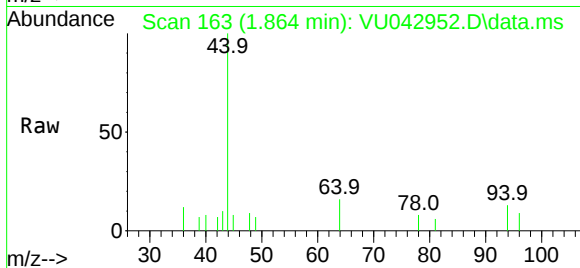
Acq: 06 Apr 2021 14:17

Tgt Ion: 94 Resp: 163

Ion Ratio Lower Upper

94 100

96 70.3 77.1 115.7#



#6

Chloroethane

Concen: Below Cal

RT: 1.925 min Scan# 182

Delta R.T. -0.007 min

Lab File: VU042952.D

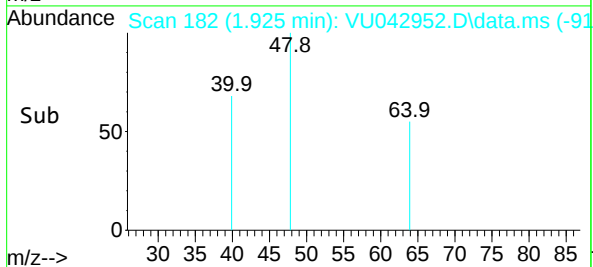
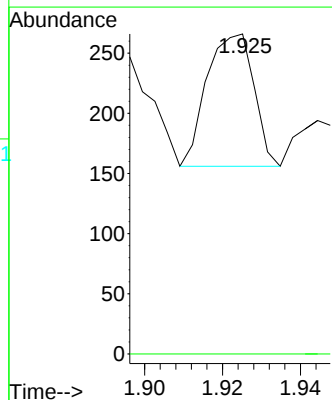
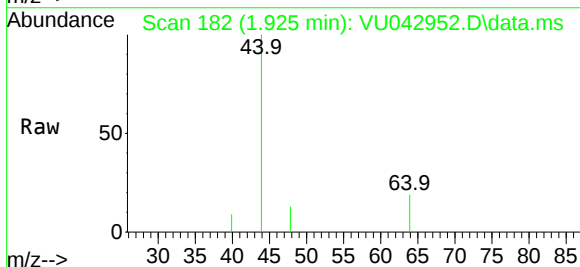
Acq: 06 Apr 2021 14:17

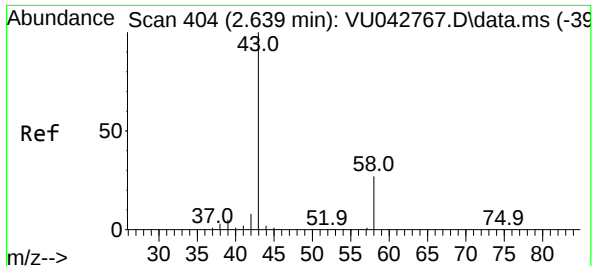
Tgt Ion: 64 Resp: 92

Ion Ratio Lower Upper

64 100

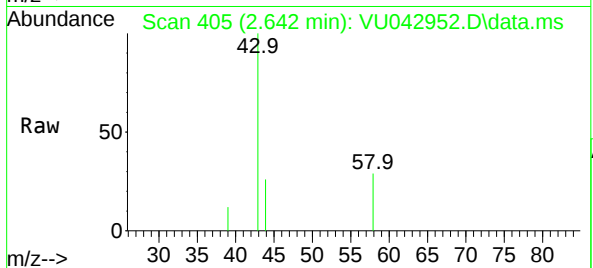
66 0.0 25.0 37.6#



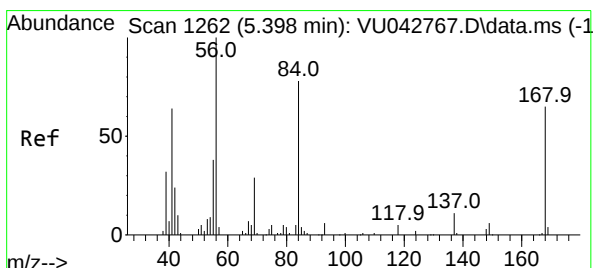
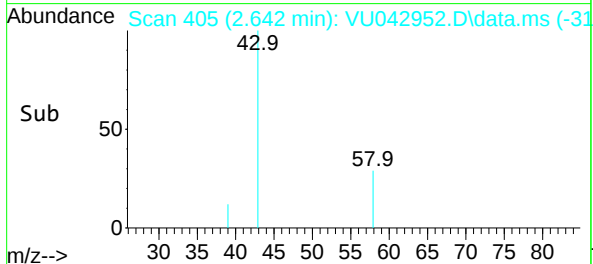
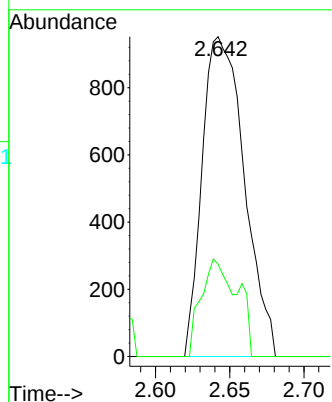


#16
Acetone
Concen: Below Cal
RT: 2.642 min Scan# 405
Delta R.T. 0.003 min
Lab File: VU042952.D
Acq: 06 Apr 2021 14:17

Instrument :
MSVOA_U
ClientSampled :

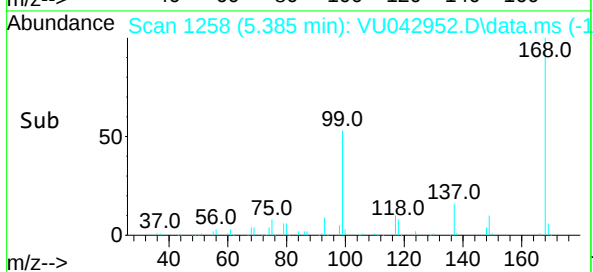
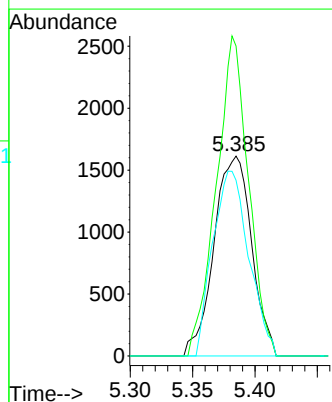
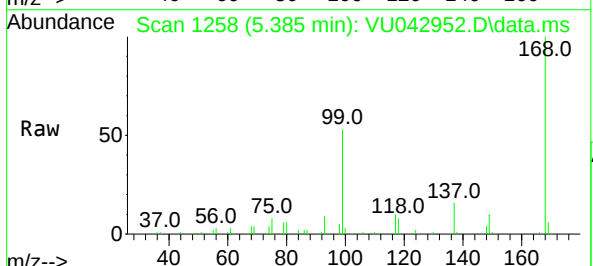


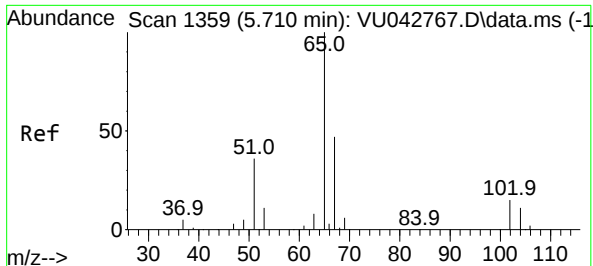
Tgt Ion: 43 Resp: 1878
Ion Ratio Lower Upper
43 100
58 28.9 21.6 32.4



#31
Cyclohexane
Concen: 1.32 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.013 min
Lab File: VU042952.D
Acq: 06 Apr 2021 14:17

Tgt Ion: 56 Resp: 3393
Ion Ratio Lower Upper
56 100
69 155.1 23.3 34.9#
84 87.9 62.2 93.4





#33

1,2-Dichloroethane-d4

Concen: 49.29 ug/l

RT: 5.713 min Scan# 1360

Delta R.T. 0.003 min

Lab File: VU042952.D

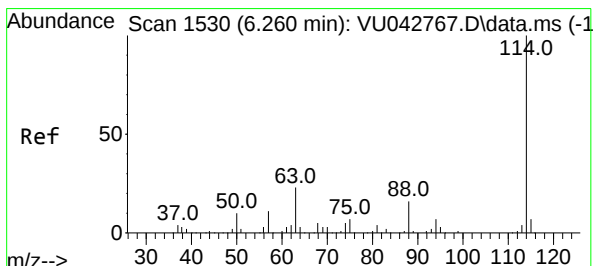
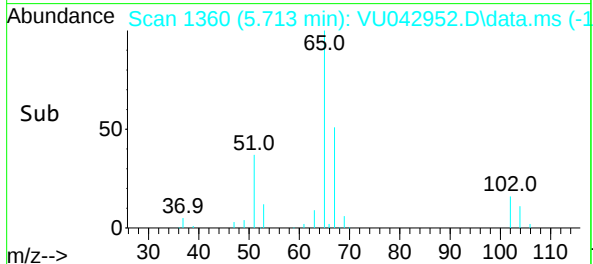
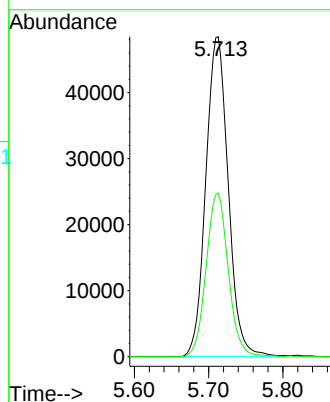
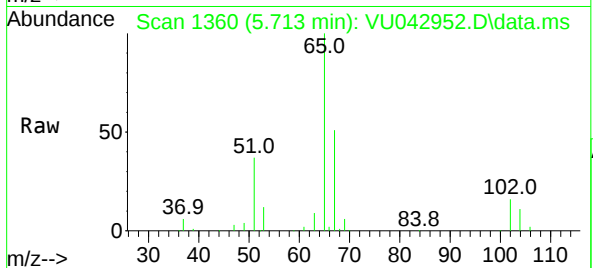
Acq: 06 Apr 2021 14:17

Tgt Ion: 65 Resp: 101637

Ion Ratio Lower Upper

65 100

67 50.4 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: VU042952.D

Acq: 06 Apr 2021 14:17

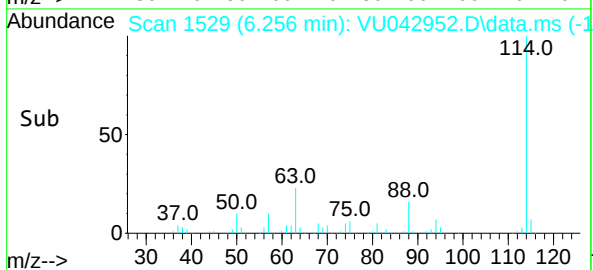
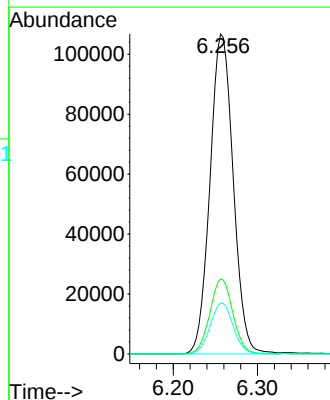
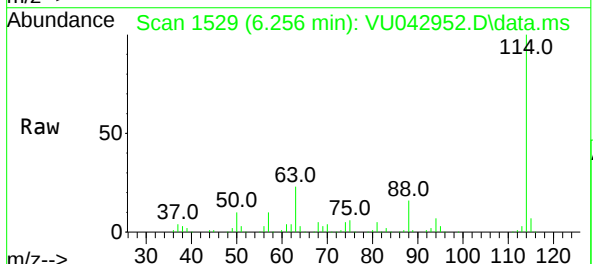
Tgt Ion: 114 Resp: 204309

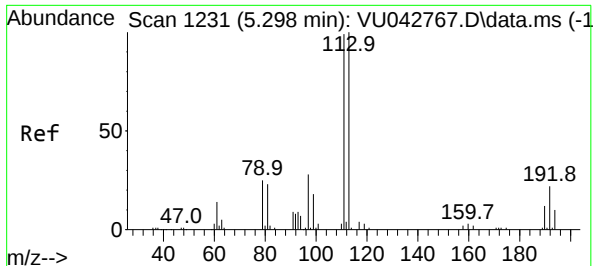
Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.8

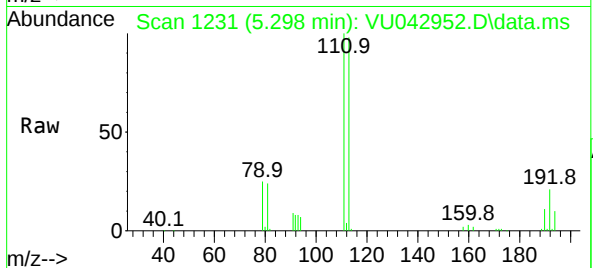
88 15.9 0.0 32.2



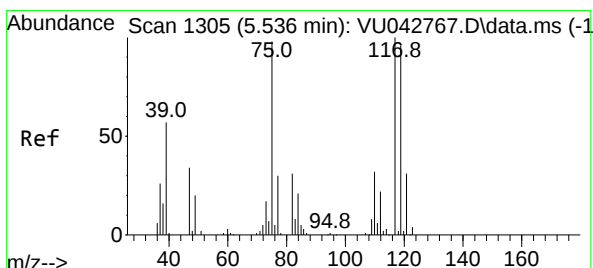
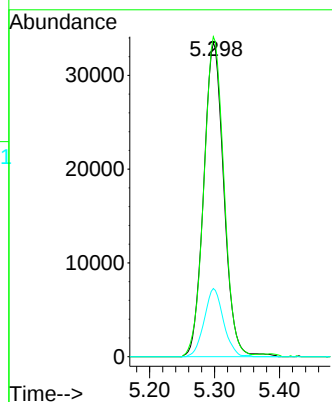
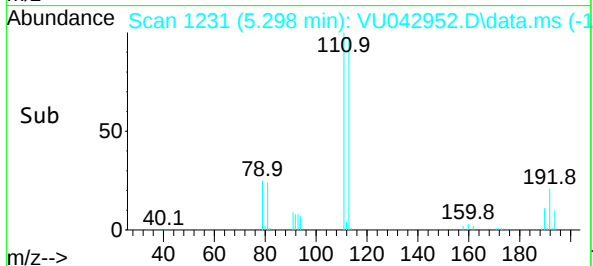


#35
Dibromofluoromethane
Concen: 47.45 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042952.D
Acq: 06 Apr 2021 14:17

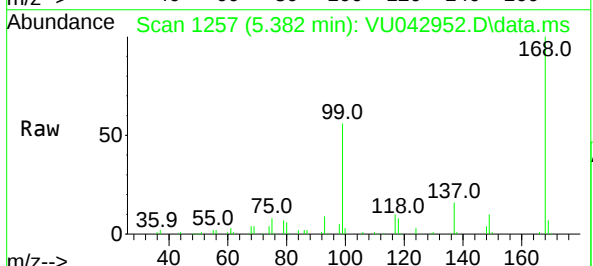
Instrument :
MSVOA_U
ClientSampleId :



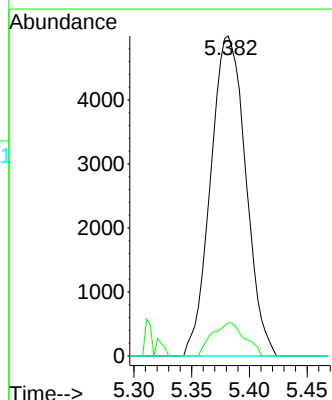
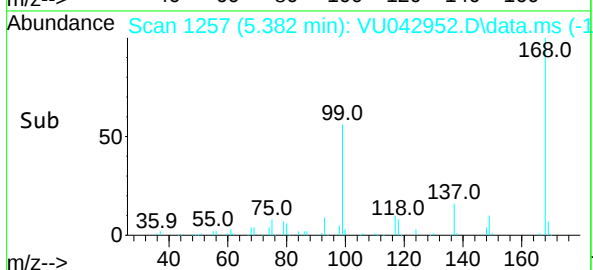
Tgt Ion:113 Resp: 72355
Ion Ratio Lower Upper
113 100
111 101.2 82.1 123.1
192 20.7 17.6 26.4

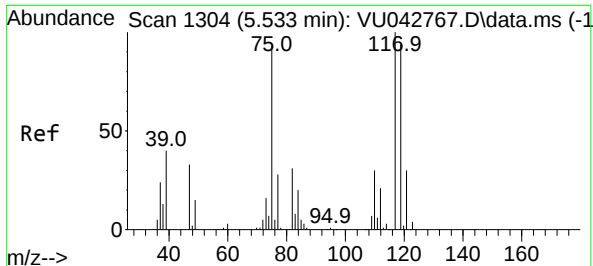


#36
1,1-Dichloropropene
Concen: 5.23 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.155 min
Lab File: VU042952.D
Acq: 06 Apr 2021 14:17



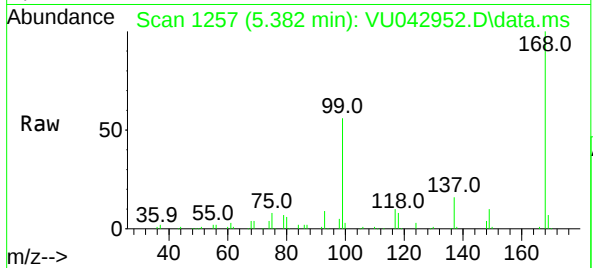
Tgt Ion: 75 Resp: 10565
Ion Ratio Lower Upper
75 100
110 9.6 16.6 49.7#
77 0.0 24.7 37.1#



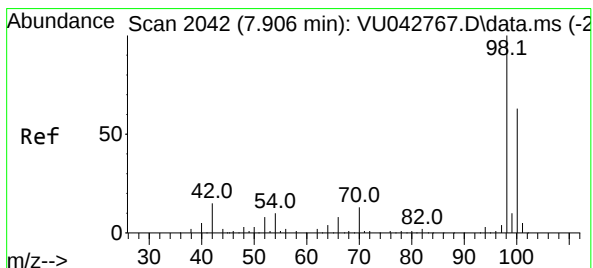
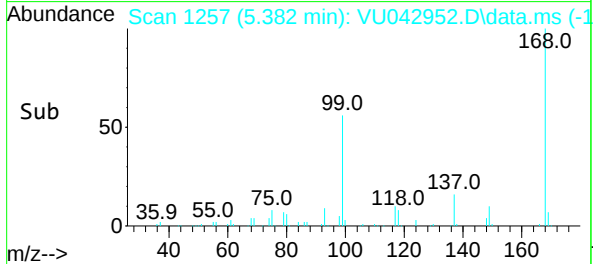
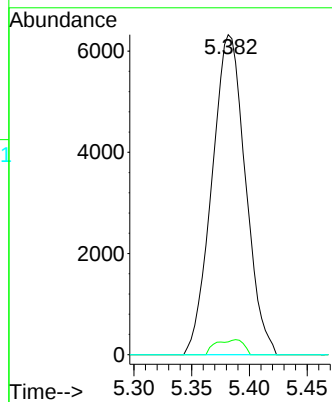


#38
Carbon Tetrachloride
Concen: 5.53 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU042952.D
Acq: 06 Apr 2021 14:17

Instrument :
MSVOA_U
ClientSampleId :

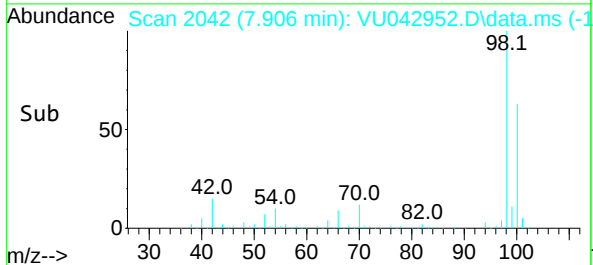
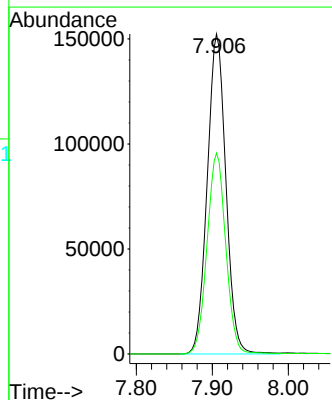
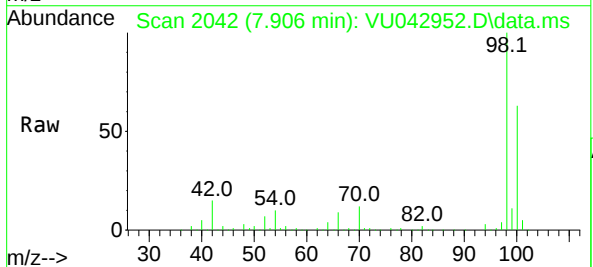


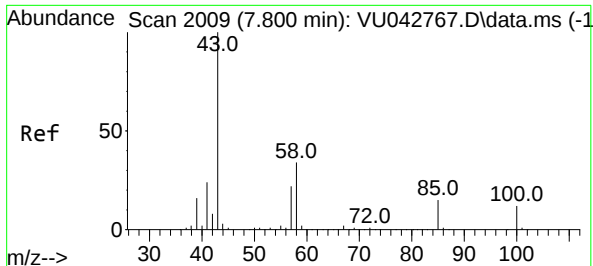
Tgt Ion:117 Resp: 12762
Ion Ratio Lower Upper
117 100
119 4.0 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 48.32 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042952.D
Acq: 06 Apr 2021 14:17

Tgt Ion: 98 Resp: 259206
Ion Ratio Lower Upper
98 100
100 63.1 50.4 75.6

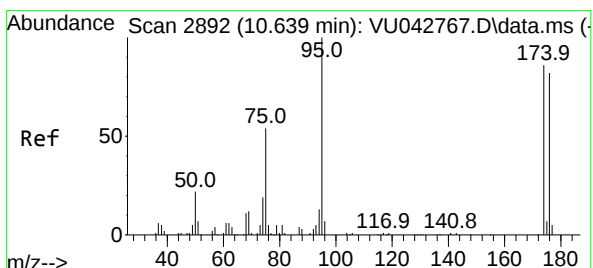
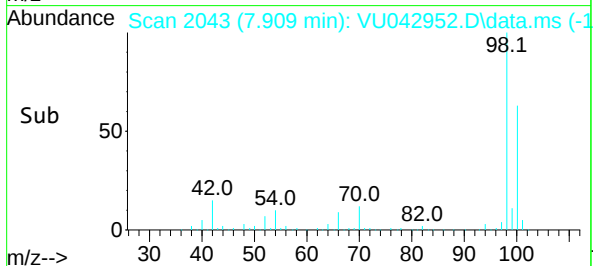
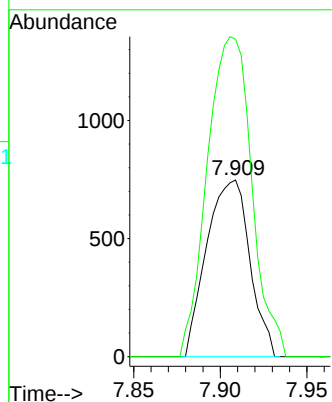
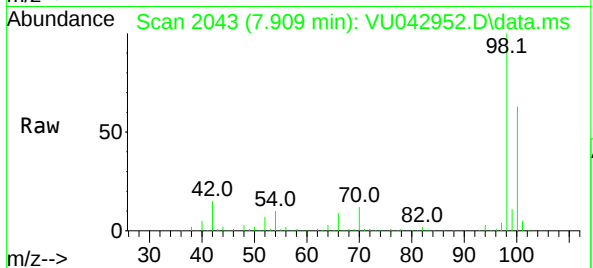




#51
4-Methyl-2-Pentanone
Concen: 0.39 ug/l
RT: 7.909 min Scan# 2043
Delta R.T. 0.109 min
Lab File: VU042952.D
Acq: 06 Apr 2021 14:17

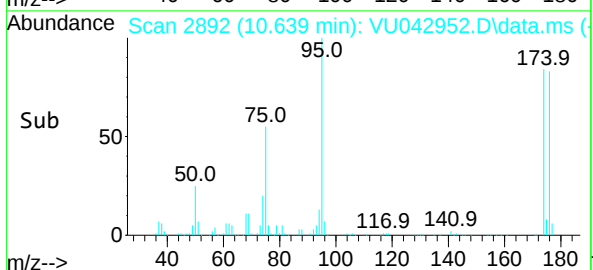
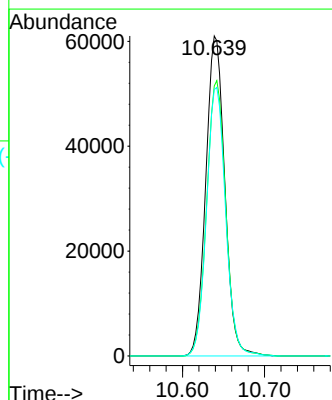
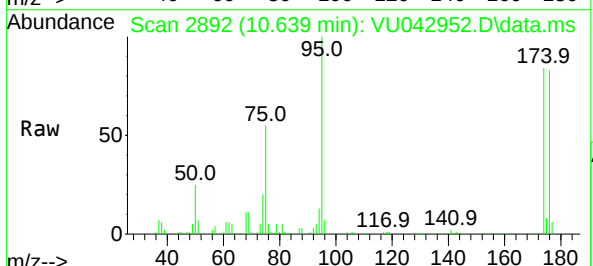
Instrument :
MSVOA_U
ClientSampled :

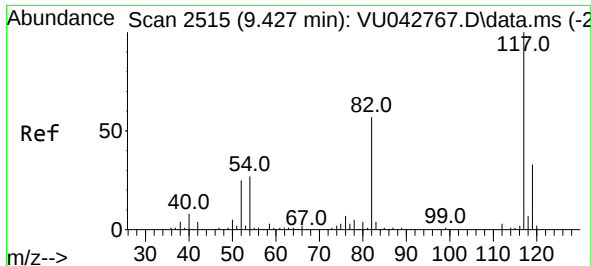
Tgt Ion: 43 Resp: 1293
Ion Ratio Lower Upper
43 100
58 186.9 27.4 41.2#



#62
4-Bromofluorobenzene
Concen: 47.05 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042952.D
Acq: 06 Apr 2021 14:17

Tgt Ion: 95 Resp: 98080
Ion Ratio Lower Upper
95 100
174 86.9 0.0 175.2
176 84.5 0.0 167.4

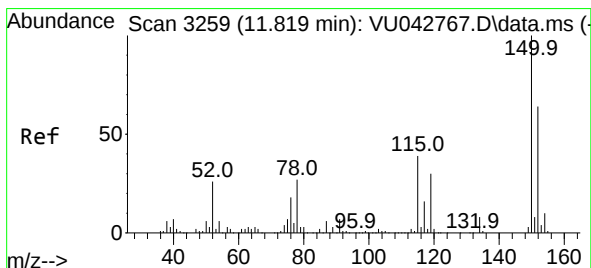
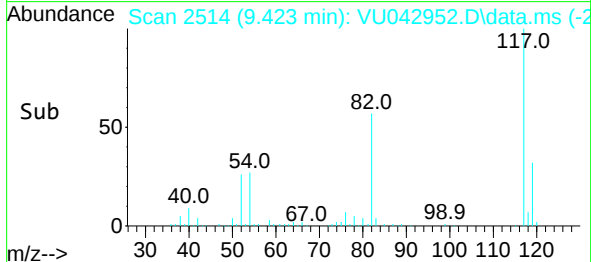
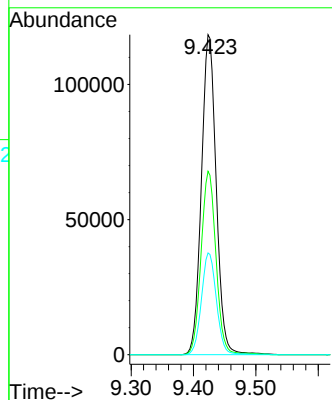
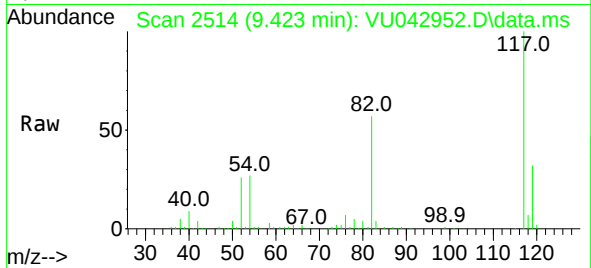




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.003 min
Lab File: VU042952.D
Acq: 06 Apr 2021 14:17

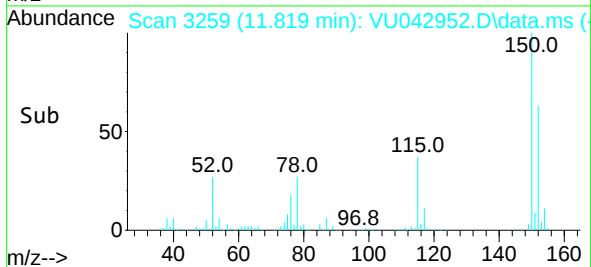
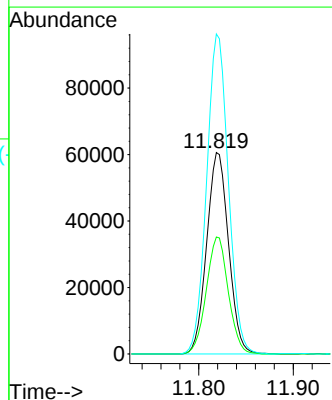
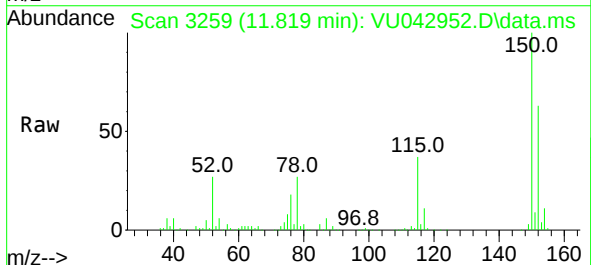
Instrument :
MSVOA_U
ClientSampleId :

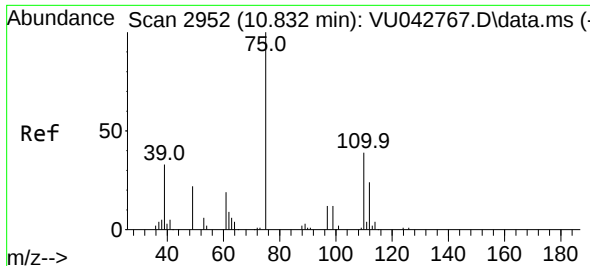
Tgt Ion:117 Resp: 195884
Ion Ratio Lower Upper
117 100
82 57.3 45.5 68.3
119 31.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042952.D
Acq: 06 Apr 2021 14:17

Tgt Ion:152 Resp: 97407
Ion Ratio Lower Upper
152 100
115 58.3 41.0 123.0
150 157.6 0.0 341.0

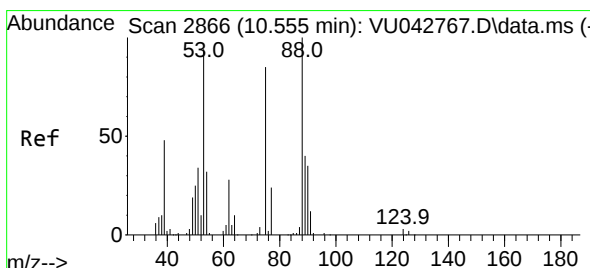
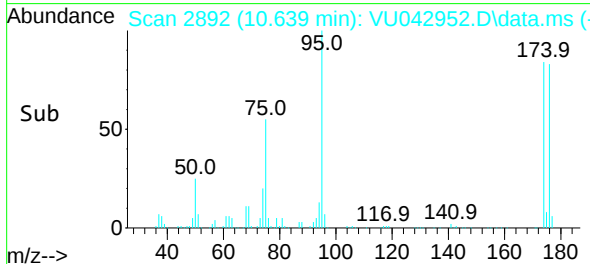
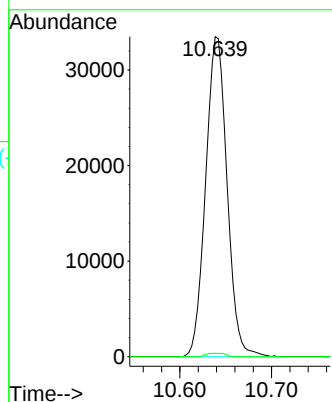
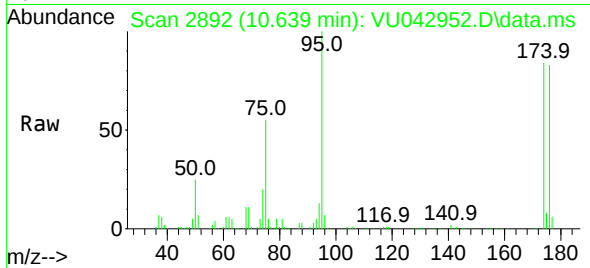




#76
1,2,3-Trichloropropane
Concen: 21.93 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU042952.D
Acq: 06 Apr 2021 14:17

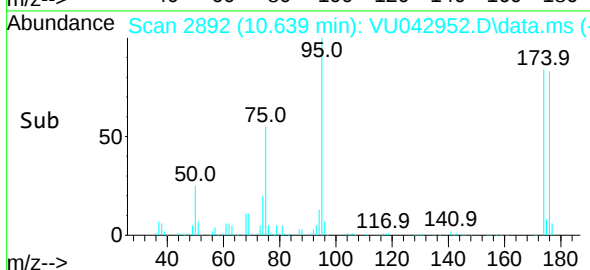
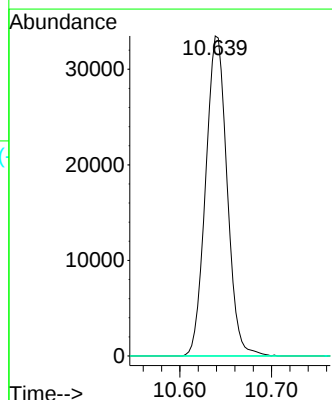
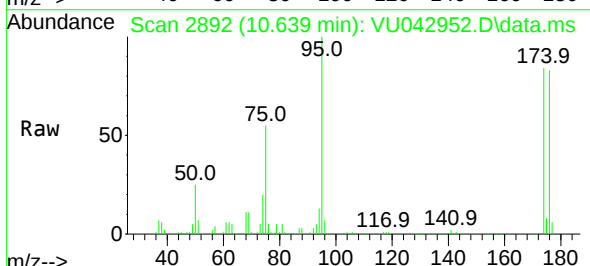
Instrument :
MSVOA_U
ClientSampled :

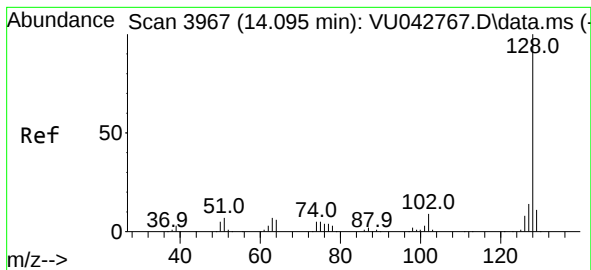
Tgt Ion: 75 Resp: 54331
Ion Ratio Lower Upper
75 100
77 0.9 19.6 58.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.98 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.083 min
Lab File: VU042952.D
Acq: 06 Apr 2021 14:17

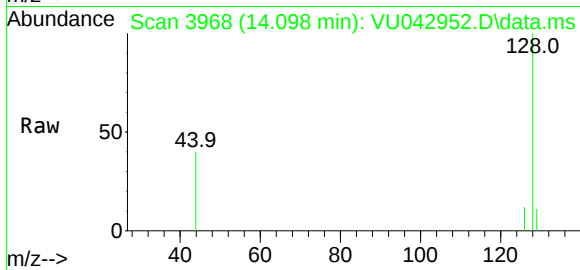
Tgt Ion: 75 Resp: 54331
Ion Ratio Lower Upper
75 100
53 0.0 88.3 132.5#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 2.82 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042952.D
Acq: 06 Apr 2021 14:17

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 1715
Ion Ratio Lower Upper
128 100
127 2.7 10.9 16.3#
129 1.2 8.7 13.1#

