

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091820\
 Data File : VU040208.D
 Acq On : 18 Sep 2020 14:07
 Operator : SY/MD
 Sample : L4063-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH9

Quant Time: Sep 18 23:23:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 23:20:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	103144	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	102006	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45218	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	29411	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.92	69	27957	5.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.20%
11) 1,1-Dichloroethene-d2	2.58	63	51234	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.66	46	140871	62.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.08%
24) Chloroform-d	5.08	84	73636	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.00%
26) 1,2-Dichloroethane-d4	5.72	65	45934	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%
32) Benzene-d6	5.75	84	131330	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
36) 1,2-Dichloropropane-d6	6.70	67	44484	5.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.40%
41) Toluene-d8	7.91	98	102746	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	8.19	79	18106	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.64	63	100461	58.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.62%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	41630	6.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.60%#
64) 1,2-Dichlorobenzene-d4	12.19	152	42785	5.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.00%

Target Compounds

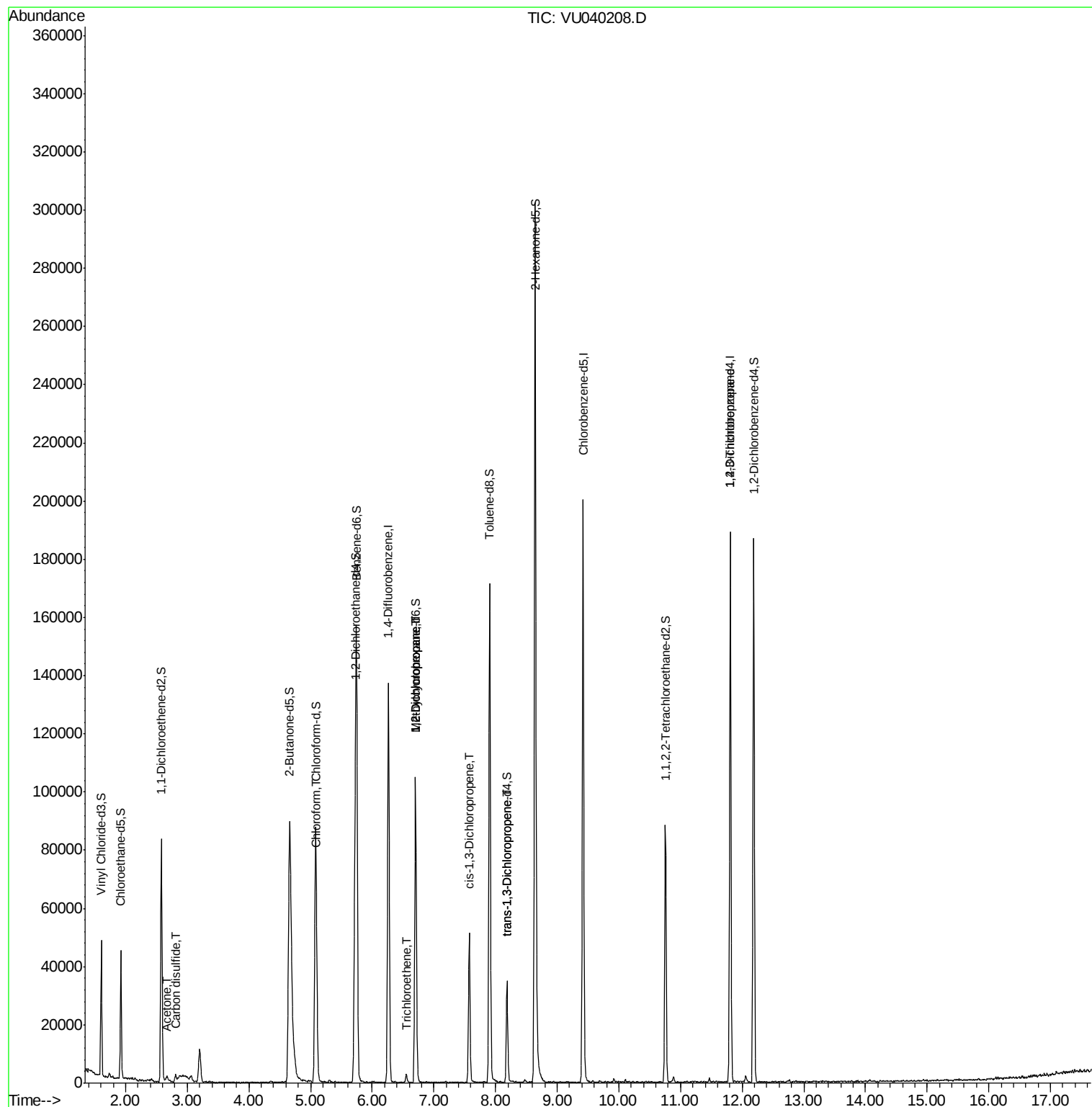
					Ovalue
13) Acetone	2.67	43	2832	1.358	ug/L 92
14) Carbon disulfide	2.81	76	2689	0.105	ug/L 99
25) Chloroform	5.11	83	2839	0.157	ug/L 75
34) Trichloroethene	6.55	95	956	0.098	ug/L 93
35) Methylcyclohexane	6.70	83	10340	0.690	ug/L # 14
37) 1,2-Dichloropropane	6.71	63	5446	0.551	ug/L # 88
39) cis-1,3-Dichloropropene	7.57	75	1368	0.094	ug/L # 42
44) trans-1,3-Dichloropropene	8.18	75	1072	0.079	ug/L # 78
59) 1,2,3-Trichloropropane	11.81	75	6823	0.932	ug/L # 87

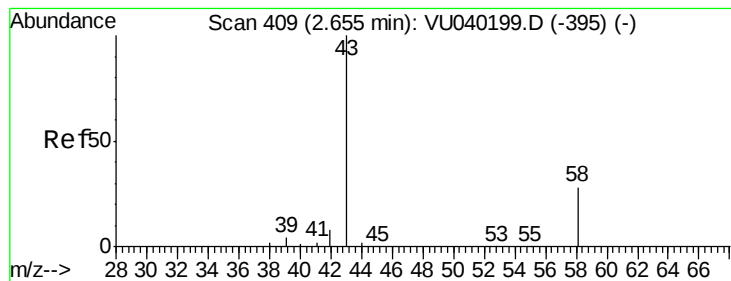
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.358 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.01 min

Lab File: VU040208.D

Acq: 18 Sep 2020 14:07

Instrument :

MSVOA_U

ClientSampleId :

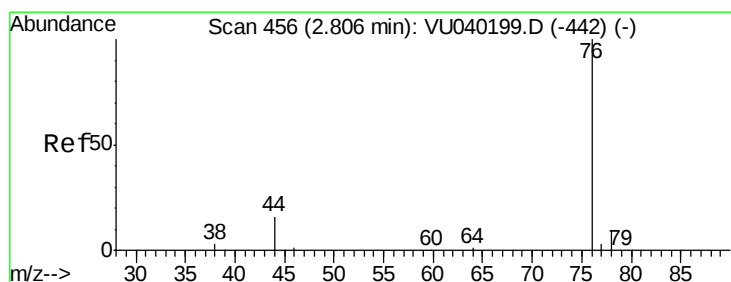
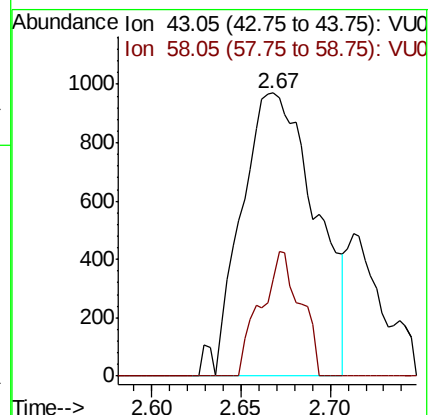
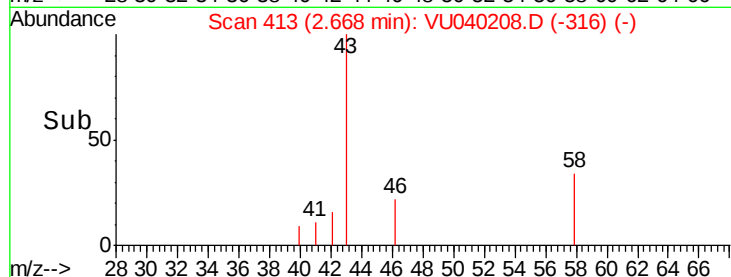
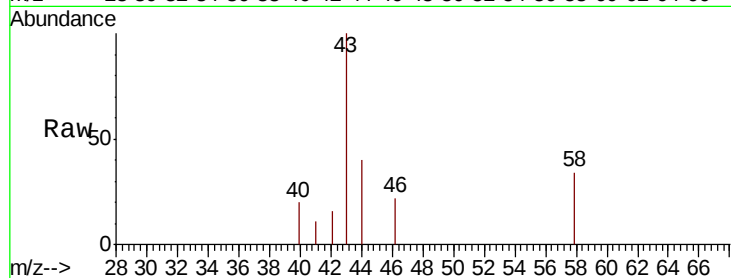
C0AH9

Tot Ion: 43 Resp: 2832

Ion Ratio Lower Upper

43 100

58 23.6 0.0 55.4



#14

Carbon disulfide

Concen: 0.105 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: VU040208.D

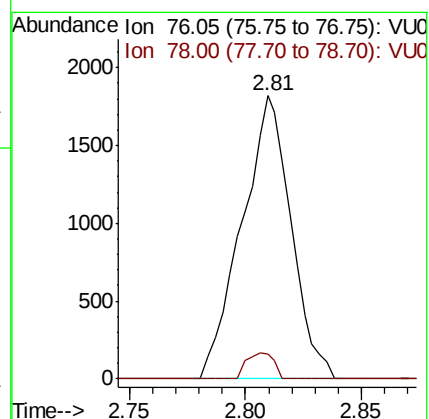
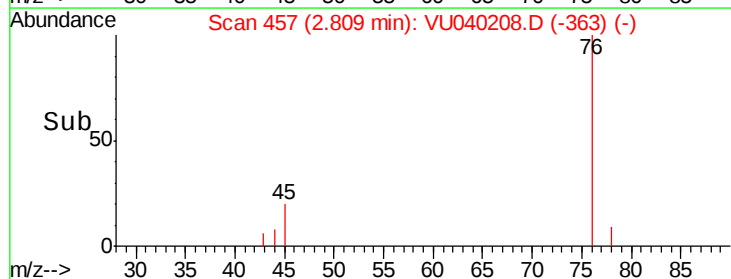
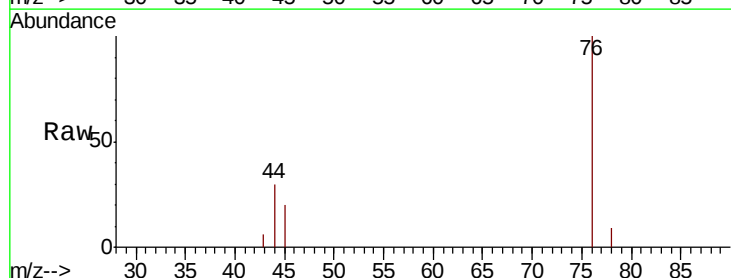
Acq: 18 Sep 2020 14:07

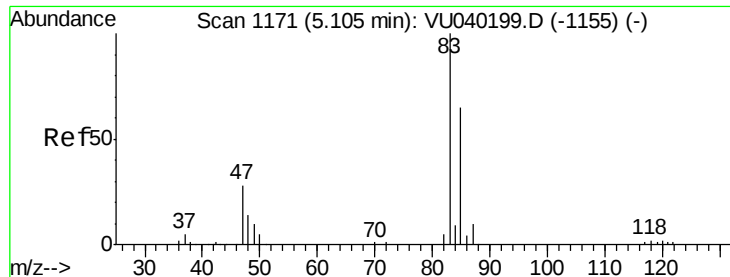
Tgt Ion: 76 Resp: 2689

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8

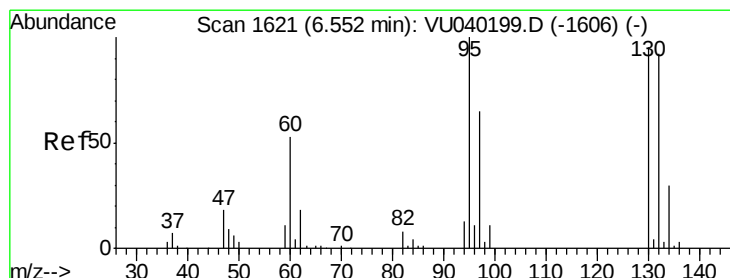
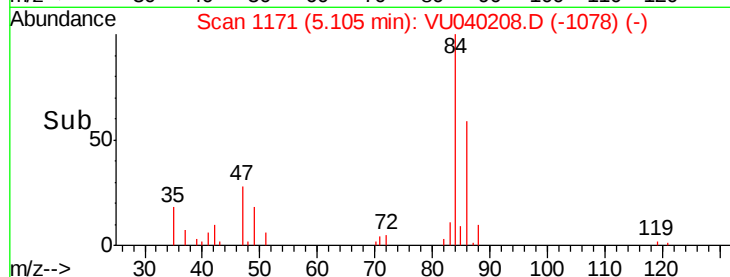
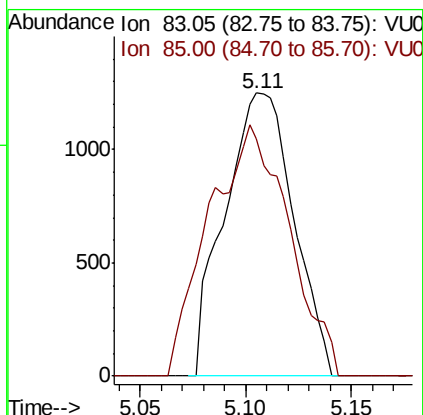
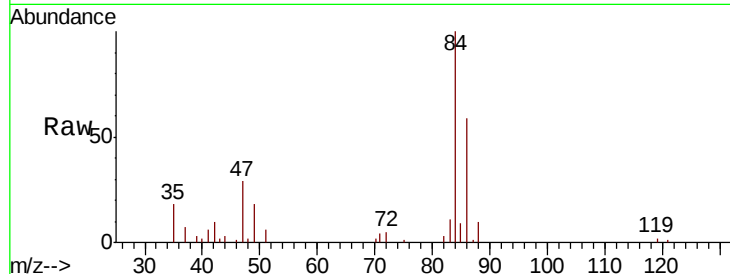




#25
Chloroform
Concen: 0.157 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040208.D
Acq: 18 Sep 2020 14:07

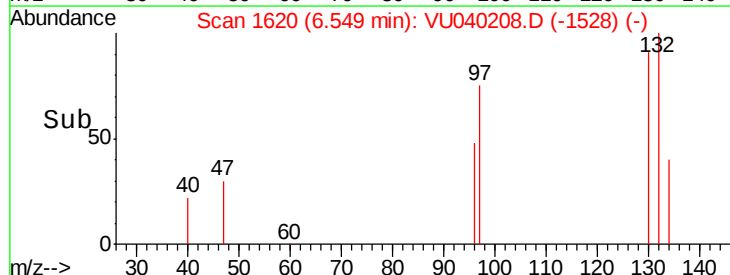
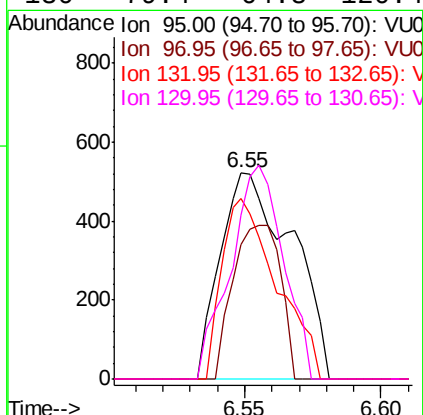
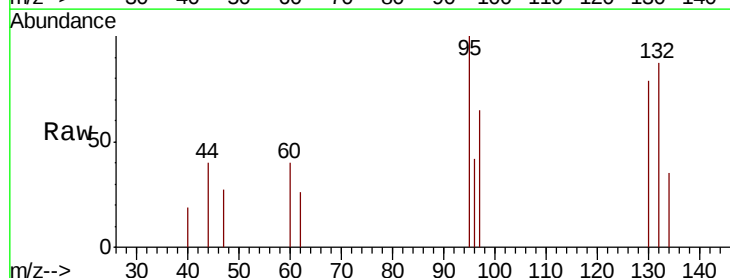
Instrument :
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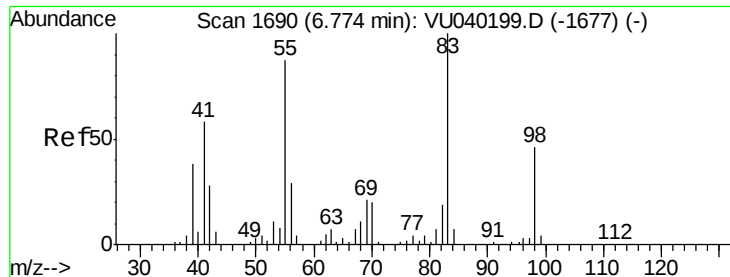
Tot Ion: 83 Resp: 2839
Ion Ratio Lower Upper
83 100
85 84.0 45.3 84.1



#34
Trichloroethene
Concen: 0.098 ug/L
RT: 6.55 min Scan# 1620
Delta R.T. -0.00 min
Lab File: VU040208.D
Acq: 18 Sep 2020 14:07

Tgt Ion: 95 Resp: 956
Ion Ratio Lower Upper
95 100
97 65.3 43.3 80.5
132 87.2 59.4 110.4
130 79.4 64.8 120.4

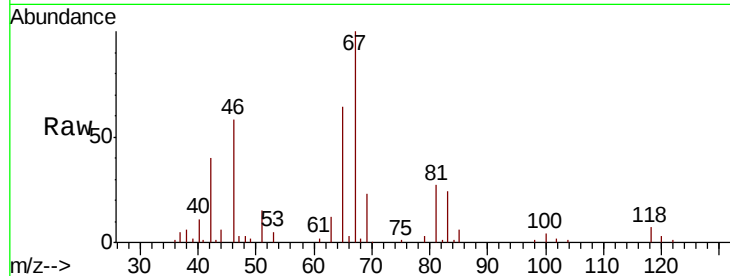




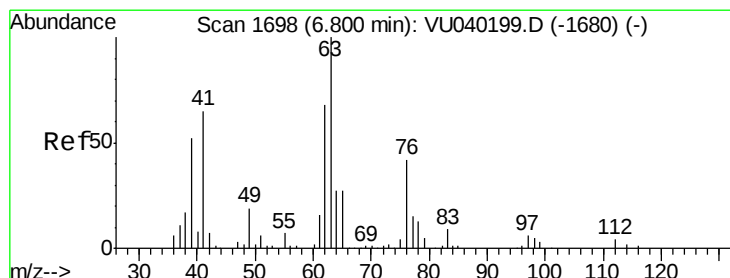
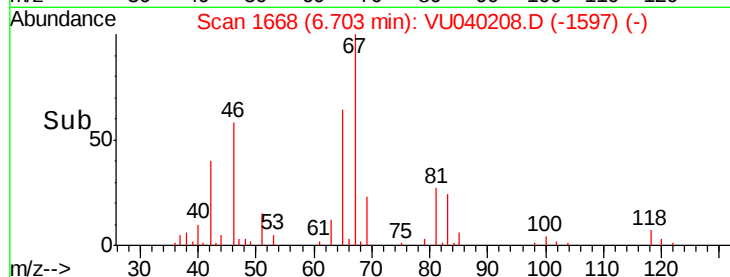
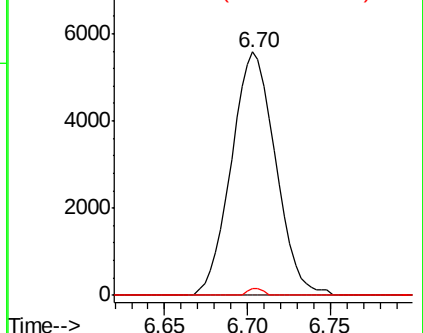
#35
Methylcyclohexane
Concen: 0.690 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040208.D
Acq: 18 Sep 2020 14:07

Instrument :
MSVOA_U
ClientSampleId :
C0AH9

Tot Ion: 83 Resp: 10340
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 1.0 37.8 56.6#

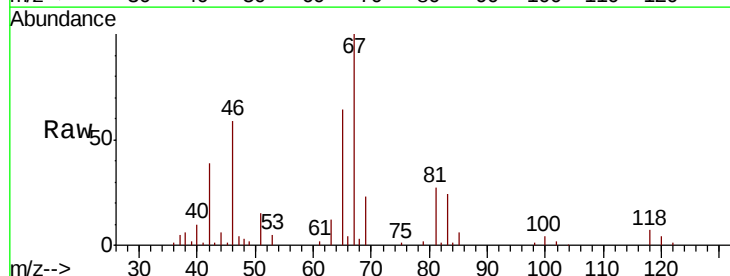


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

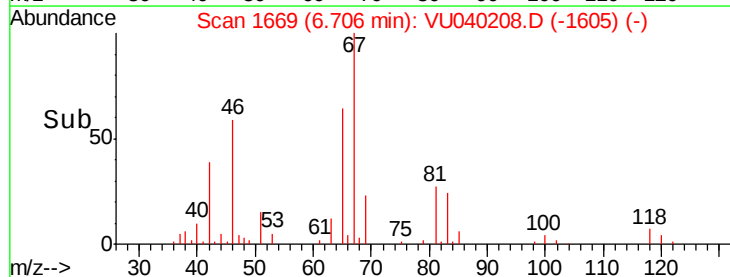
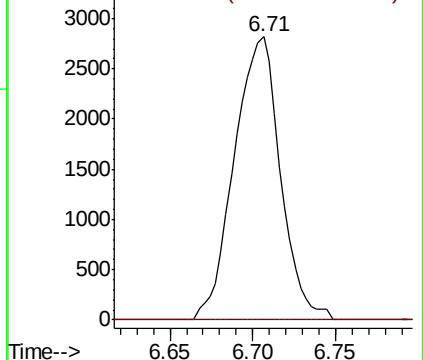


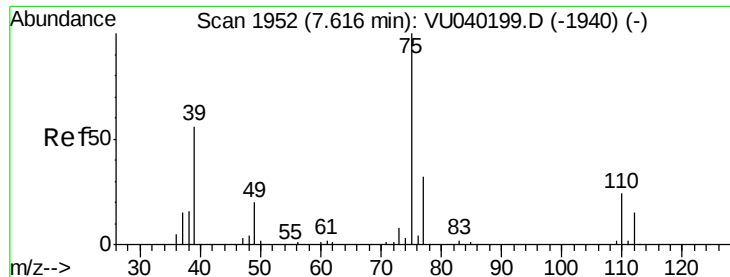
#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040208.D
Acq: 18 Sep 2020 14:07

Tgt Ion: 63 Resp: 5446
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

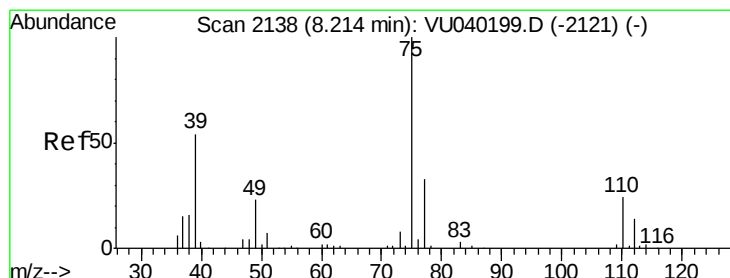
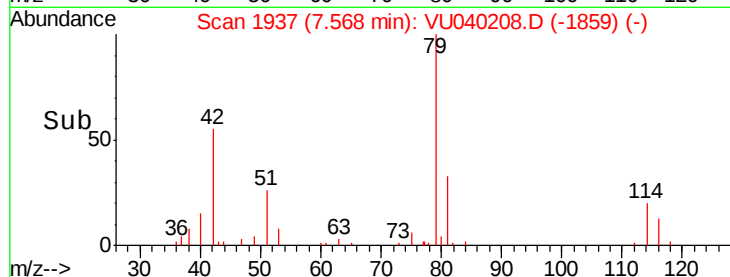
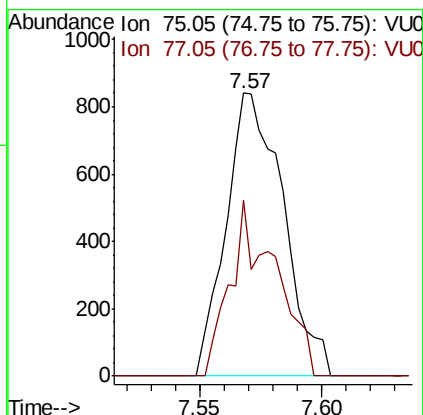
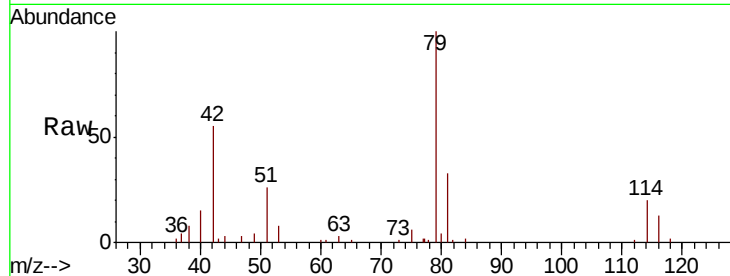




#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.05 min
 Lab File: VU040208.D
 Acq: 18 Sep 2020 14:07

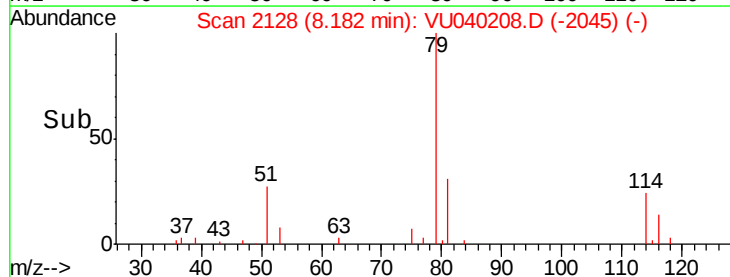
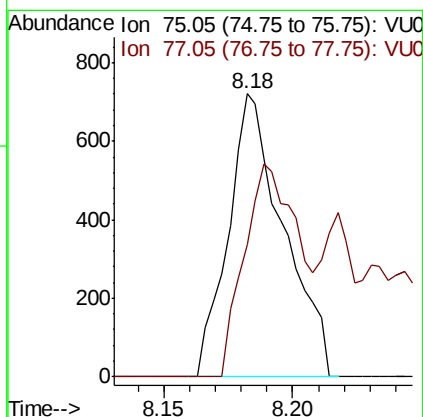
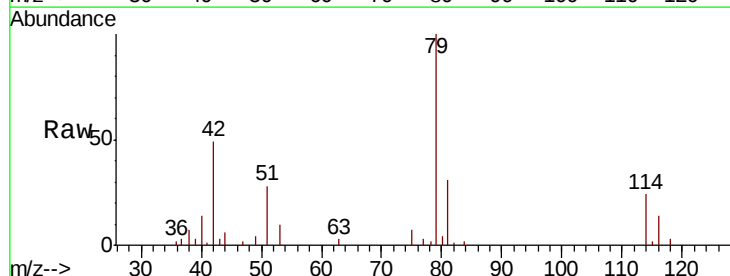
Instrument :
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 ClientSampleId :
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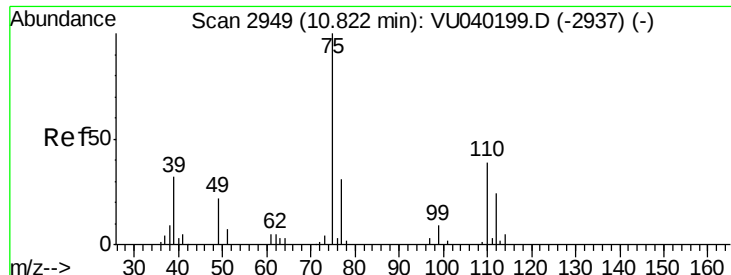
Tot Ion: 75 Resp: 1368
 Ion Ratio Lower Upper
 75 100
 77 62.0 21.1 39.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 8.18 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: VU040208.D
 Acq: 18 Sep 2020 14:07

Tgt Ion: 75 Resp: 1072
 Ion Ratio Lower Upper
 75 100
 77 46.6 23.9 44.3#





#59

1,2,3-Trichloropropane

Concen: 0.932 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040208.D

Acq: 18 Sep 2020 14:07

Instrument :

MSVOA_U

ClientSampleId :

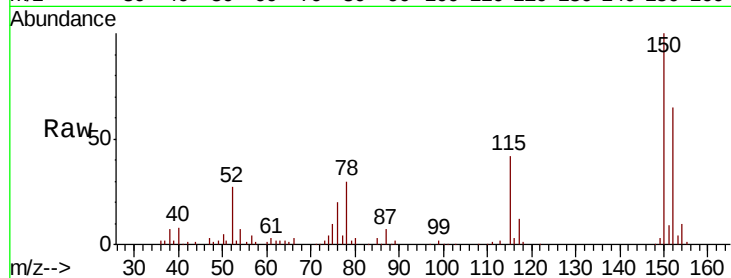
C0AH9

Tot Ion: 75 Resp: 6823

Ion Ratio Lower Upper

75 100

77 38.5 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

