

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091820\
 Data File : VU040216.D
 Acq On : 18 Sep 2020 17:12
 Operator : SY/MD
 Sample : L4063-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK6

Quant Time: Sep 18 23:24:01 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	115203	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116187	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48668	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26510	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.93	69	26077	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.58	63	45185	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	4.66	46	125934	50.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.12%
24) Chloroform-d	5.08	84	67551	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.72	65	42030	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.75	84	117722	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.70	67	40884	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.91	98	92917	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
43) trans-1,3-Dichloropropene-	8.19	79	16250	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.64	63	88360	45.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	36813	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	38895	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

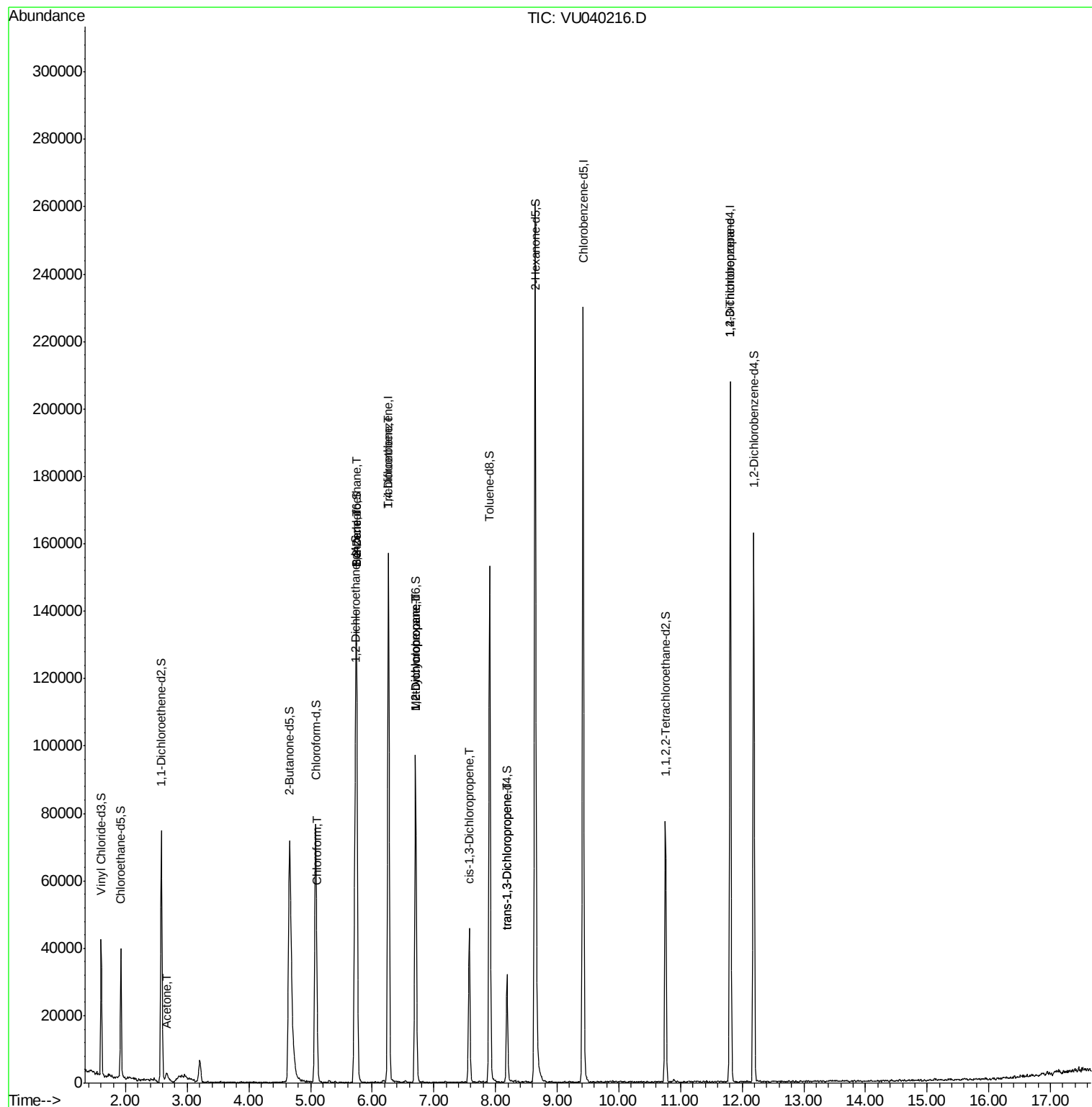
					Ovalue
13) Acetone	2.68	43	2766	1.188	ug/L 60
25) Chloroform	5.11	83	2074	0.103	ug/L 99
27) 1,2-Dichloroethane	5.74	62	812	0.055	ug/L # 78
33) Benzene	5.74	78	972	0.023	ug/L 100
34) Trichloroethene	6.27	95	1921	0.172	ug/L # 9
35) Methylcyclohexane	6.70	83	9992	0.585	ug/L # 14
37) 1,2-Dichloropropane	6.70	63	5130	0.456	ug/L # 88
39) cis-1,3-Dichloropropene	7.57	75	1138	0.069	ug/L # 72
44) trans-1,3-Dichloropropene	8.18	75	906	0.059	ug/L 91
59) 1,2,3-Trichloropropane	11.81	75	7265	0.871	ug/L # 87

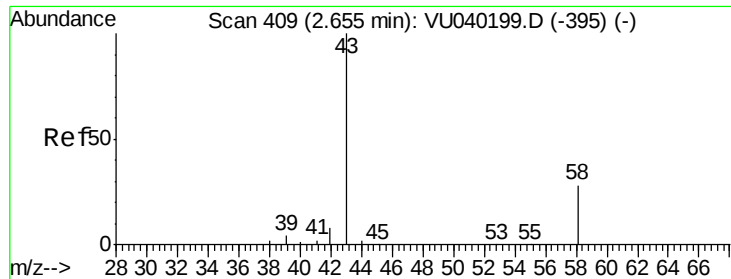
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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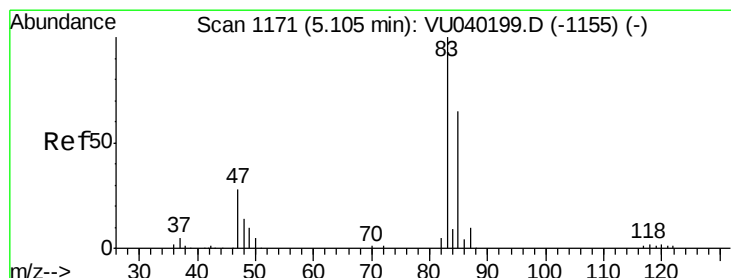
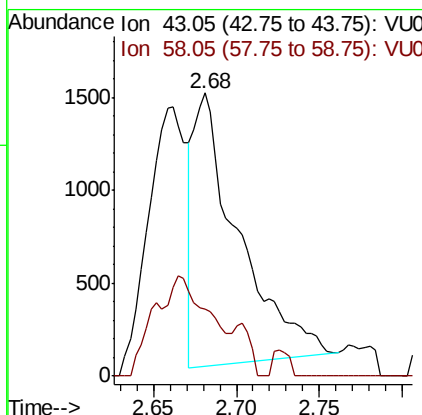
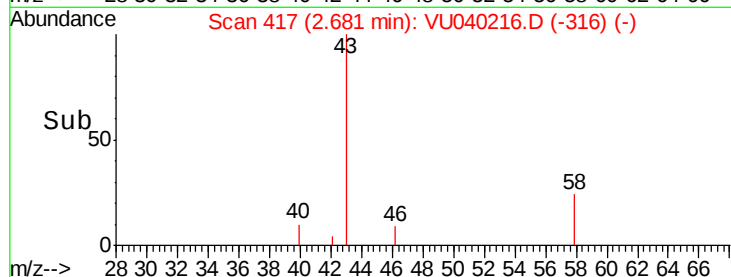
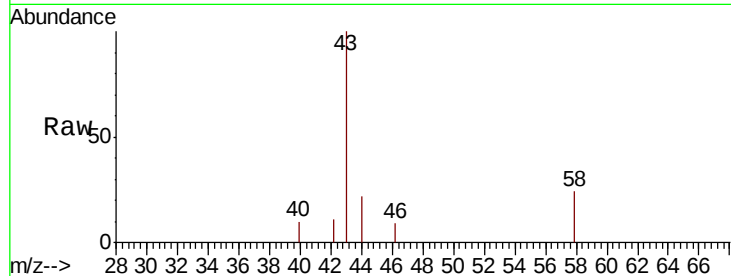




#13
Acetone
Concen: 1.188 ug/L
RT: 2.68 min Scan# 417
Delta R.T. 0.03 min
Lab File: VU040216.D
Acq: 18 Sep 2020 17:12

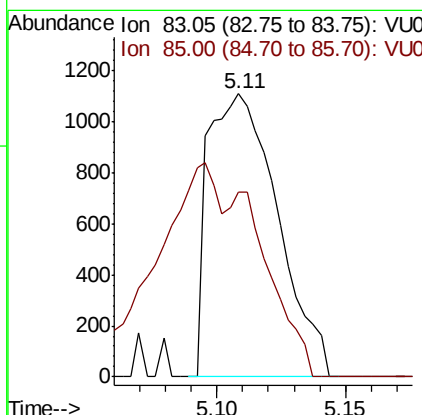
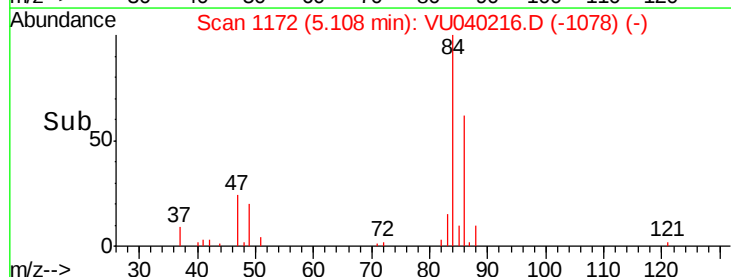
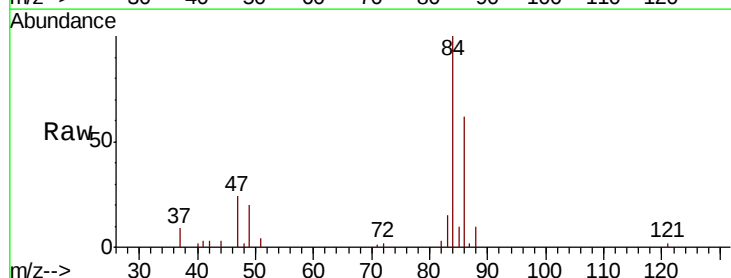
Instrument :
MSVOA_U
ClientSampleId :
C0AK6

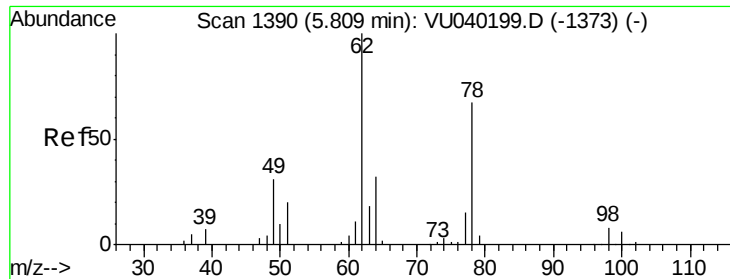
Tot Ion: 43 Resp: 2766
Ion Ratio Lower Upper
43 100
58 6.6 0.0 55.4



#25
Chloroform
Concen: 0.103 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040216.D
Acq: 18 Sep 2020 17:12

Tgt Ion: 83 Resp: 2074
Ion Ratio Lower Upper
83 100
85 65.5 45.3 84.1

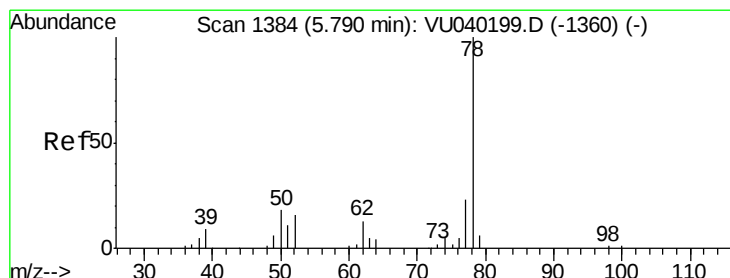
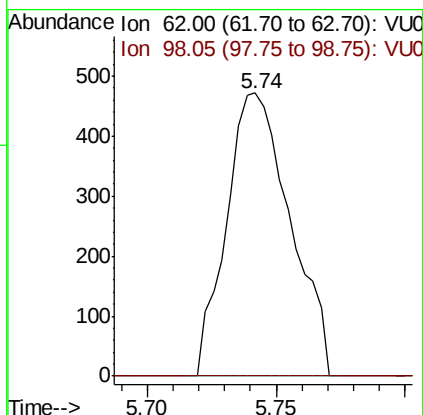
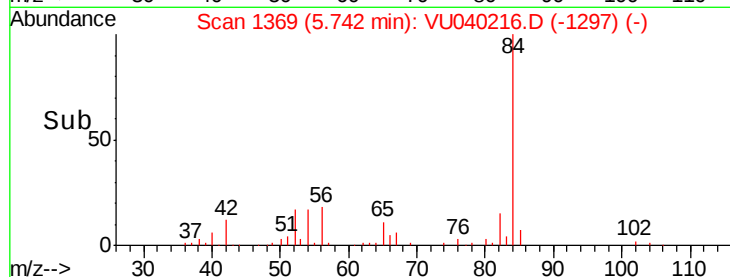
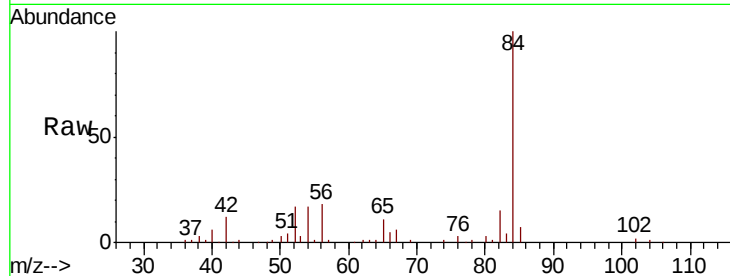




#27
 1,2-Dichloroethane
 Concen: 0.055 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.07 min
 Lab File: VU040216.D
 Acq: 18 Sep 2020 17:12

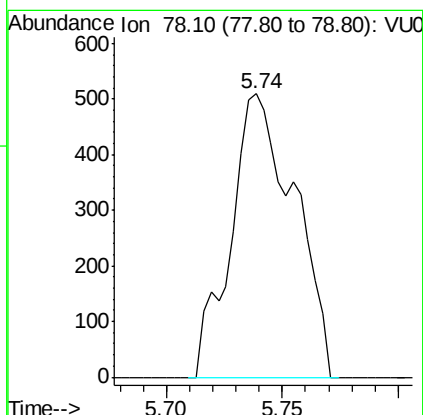
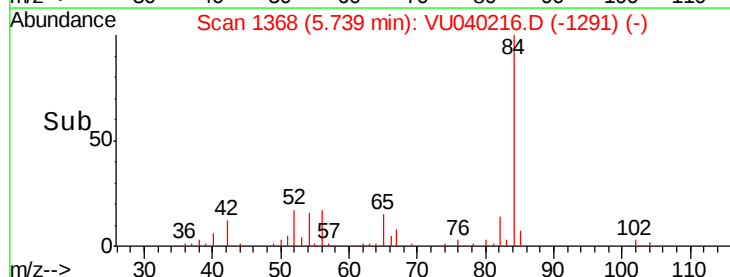
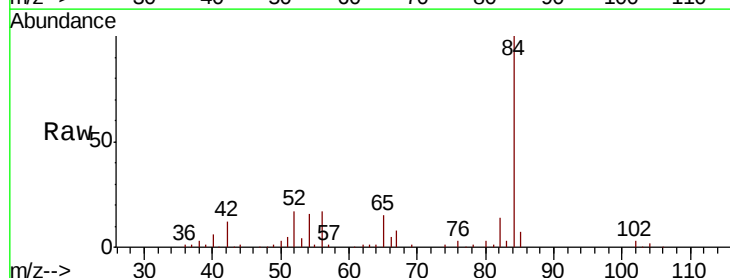
Instrument :
 MSVOA_U
 ClientSampled :
 C0AK6

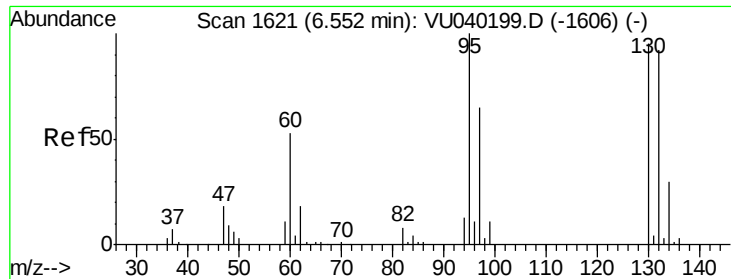
Tot Ion: 62 Resp: 812
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.1 9.1#



#33
 Benzene
 Concen: 0.023 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.05 min
 Lab File: VU040216.D
 Acq: 18 Sep 2020 17:12

Tgt Ion: 78 Resp: 972





#34

Trichloroethene

Concen: 0.172 ug/L

RT: 6.27 min Scan# 1533

Delta R.T. -0.28 min

Lab File: VU040216.D

Acq: 18 Sep 2020 17:12

Instrument :

MSVOA_U

ClientSampleId :

C0AK6

Tot Ion: 95 Resp: 1921

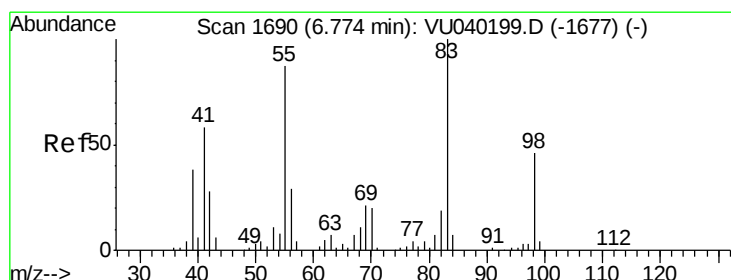
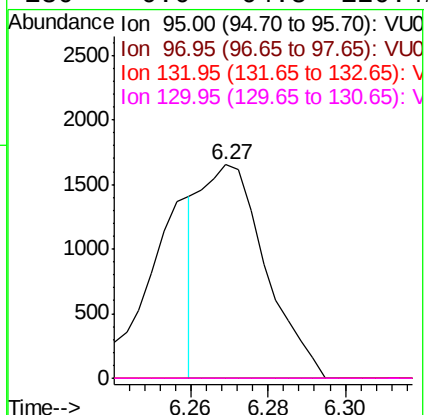
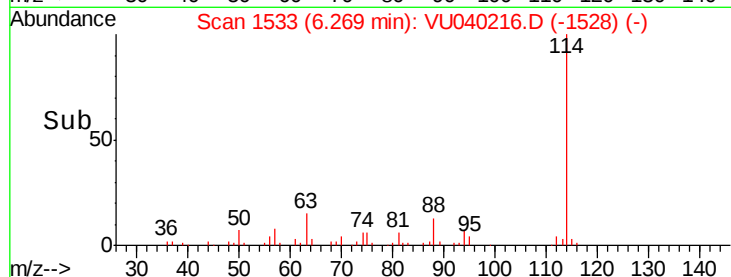
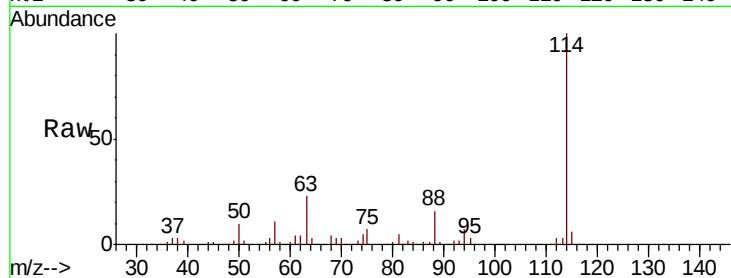
Ion Ratio Lower Upper

95 100

97 0.0 43.3 80.5#

132 0.0 59.4 110.4#

130 0.0 64.8 120.4#



#35

Methylcyclohexane

Concen: 0.585 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040216.D

Acq: 18 Sep 2020 17:12

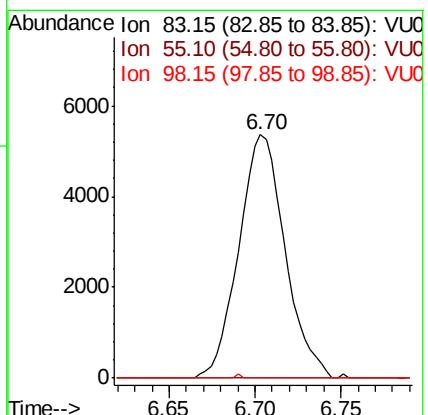
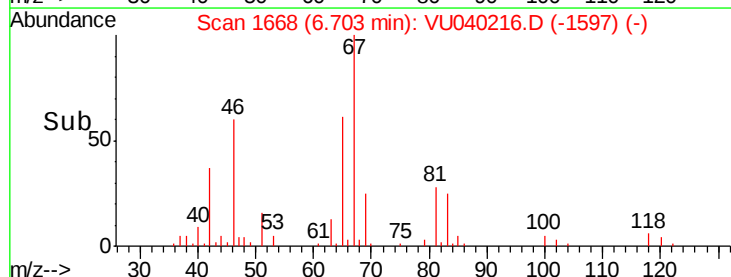
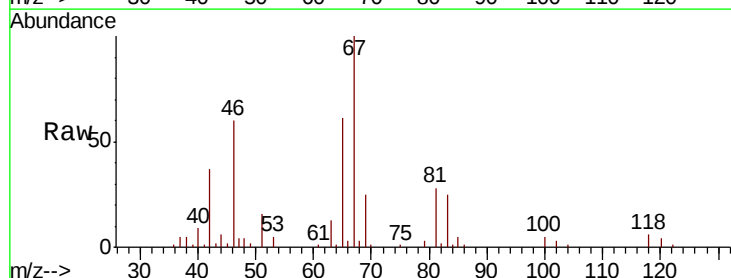
Tgt Ion: 83 Resp: 9992

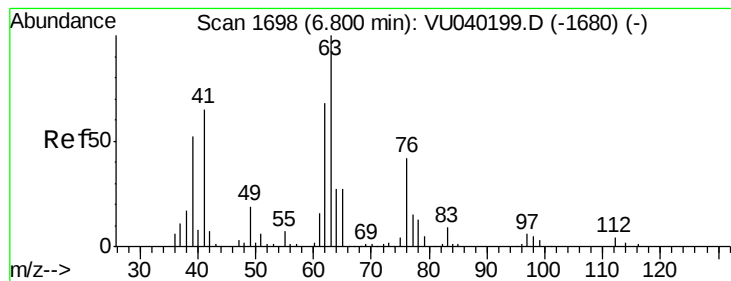
Ion Ratio Lower Upper

83 100

55 0.0 70.5 105.7#

98 0.2 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.456 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU040216.D

Acq: 18 Sep 2020 17:12

Instrument :

MSVOA_U

ClientSampleId :

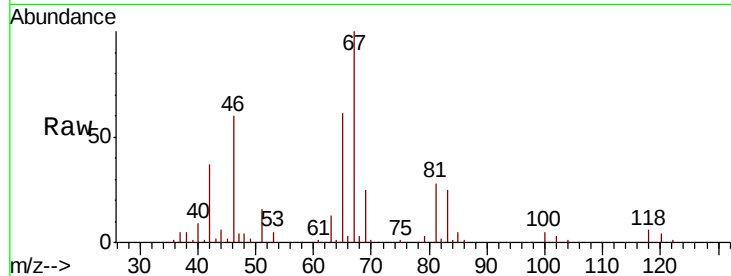
C0AK6

Tot Ion: 63 Resp: 5130

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU040216.D (-1668) (-)

Ion 112.10 (111.80 to 112.80): VU040216.D (-1668) (-)

6.70

3000

2500

2000

1500

1000

500

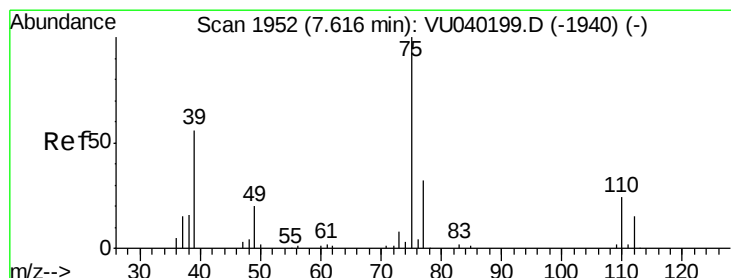
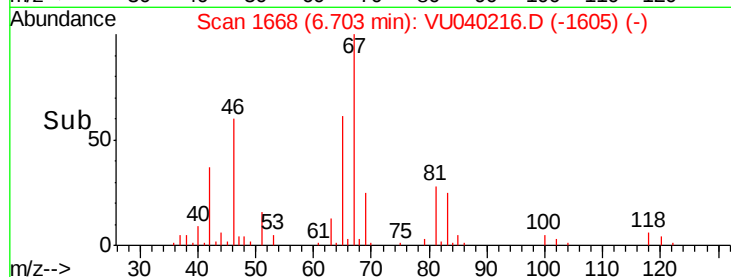
0

6.65

6.70

6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.069 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.05 min

Lab File: VU040216.D

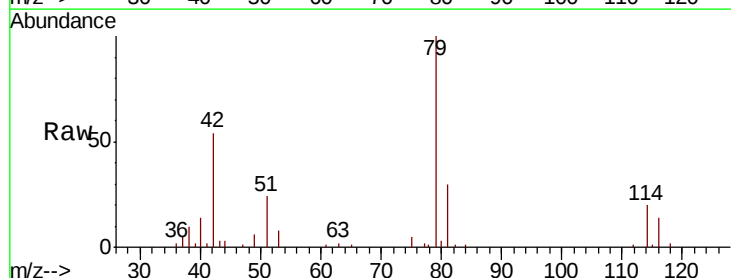
Acq: 18 Sep 2020 17:12

Tgt Ion: 75 Resp: 1138

Ion Ratio Lower Upper

75 100

77 45.3 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VU040216.D (-1859) (-)

Ion 77.05 (76.75 to 77.75): VU040216.D (-1859) (-)

7.57

800

600

400

200

0

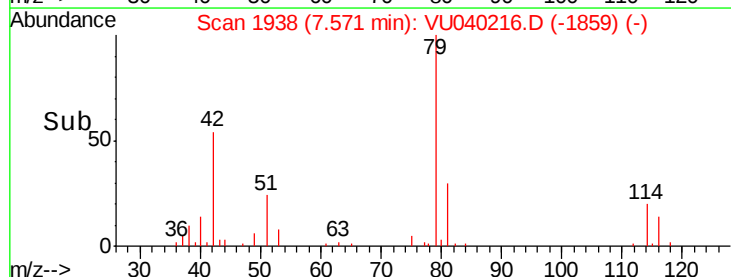
7.54

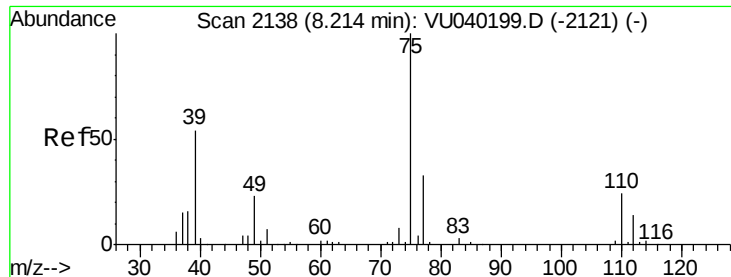
7.56

7.58

7.60

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.059 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040216.D

Acq: 18 Sep 2020 17:12

Instrument :

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ClientSampleId :

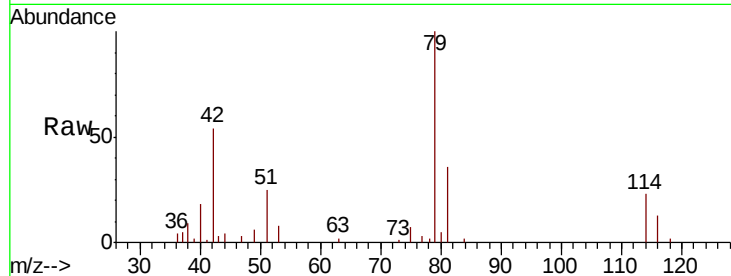
C0AK6

Tot Ion: 75 Resp: 906

Ion Ratio Lower Upper

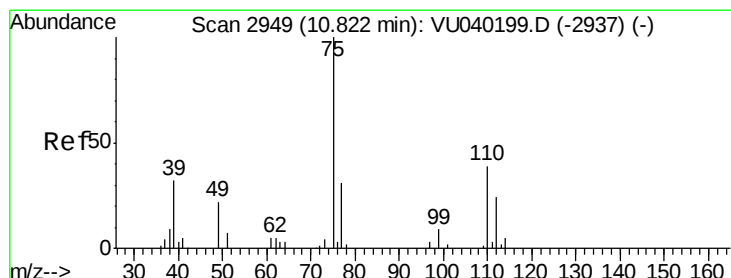
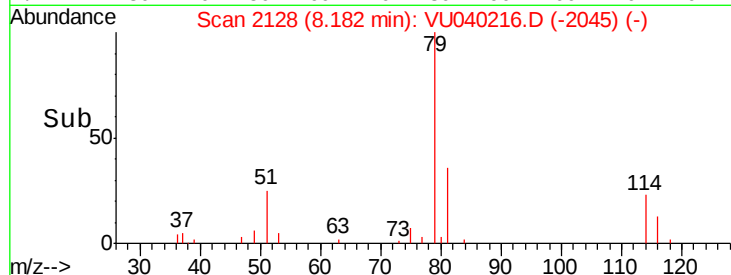
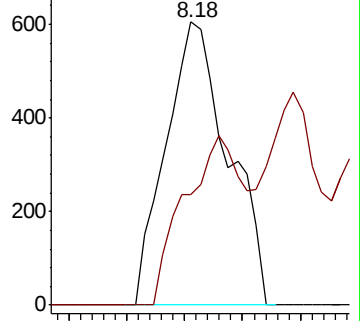
75 100

77 39.2 23.9 44.3



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.871 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040216.D

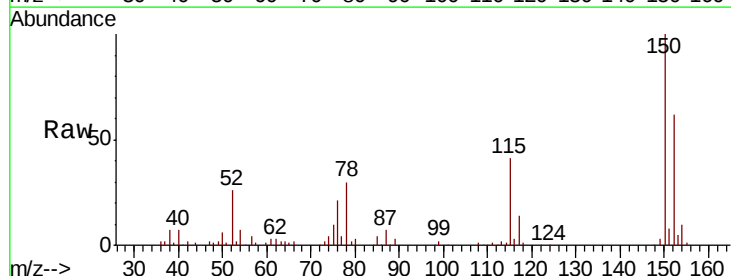
Acq: 18 Sep 2020 17:12

Tgt Ion: 75 Resp: 7265

Ion Ratio Lower Upper

75 100

77 38.1 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

