

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040155.D
 Acq On : 16 Sep 2020 18:00
 Operator : SY/MD
 Sample : L4041-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB7

Quant Time: Sep 17 01:12:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 17 01:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	105454	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	103243	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42762	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28010	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.92	69	24846	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.58	63	46401	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.66	46	105867	45.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.94%
24) Chloroform-d	5.08	84	58436	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.72	65	37928	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.74	84	110859	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.70	67	37498	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.91	98	85272	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	8.19	79	14670	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.64	63	71112	41.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.26%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	32564	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	33562	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

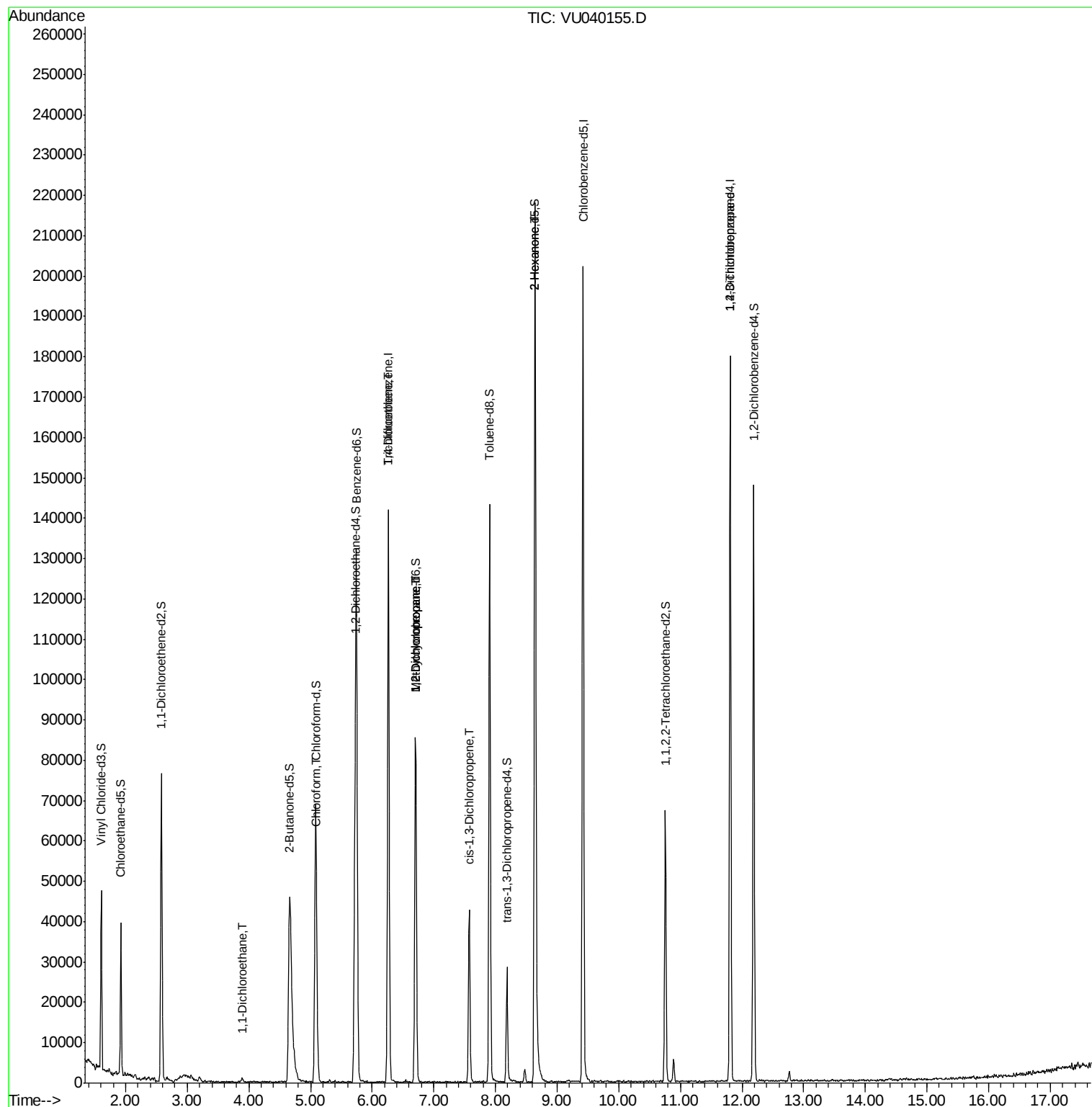
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
19) 1,1-Dichloroethane	3.89	63	1595	0.088	ug/L #	86
25) Chloroform	5.11	83	6858	0.371	ug/L	98
34) Trichloroethene	6.26	95	2040	0.206	ug/L #	9
35) Methylcyclohexane	6.70	83	8449	0.557	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4567	0.457	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1130	0.077	ug/L #	51
48) 2-Hexanone	8.65	43	10298	1.720	ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	6203	0.837	ug/L #	84

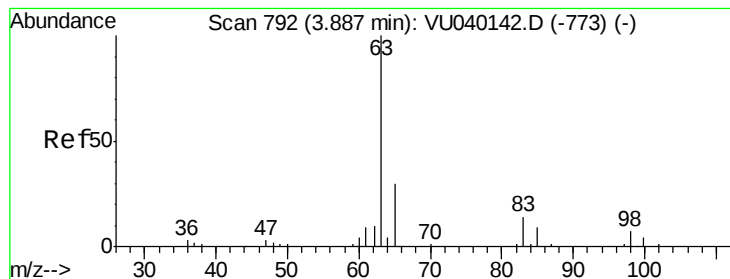
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.088 ug/L

RT: 3.89 min Scan# 793

Delta R.T. 0.00 min

Lab File: VU040155.D

Acq: 16 Sep 2020 18:00

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MSVOA_U

ClientSampleId :

C0AB7

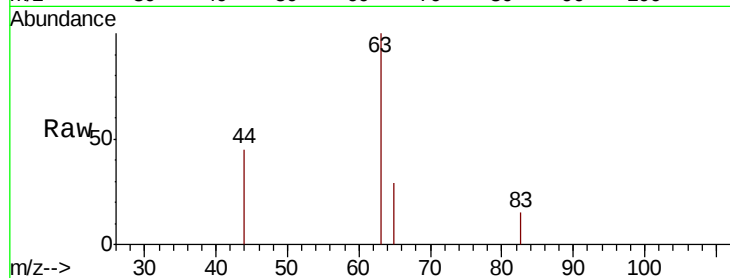
Tot Ion: 63 Resp: 1595

Ion Ratio Lower Upper

63 100

65 28.8 22.2 41.2

83 0.0 9.4 17.6#



Abundance Ion 63.10 (62.80 to 63.80): VU040155.D (-699) (-)

Ion 65.10 (64.80 to 65.80): VU040155.D (-699) (-)

Ion 83.05 (82.75 to 83.75): VU040155.D (-699) (-)

3.89

800

600

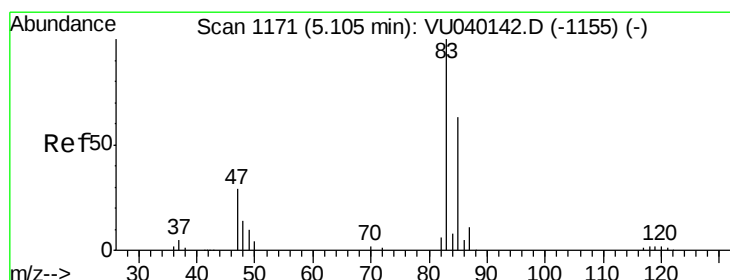
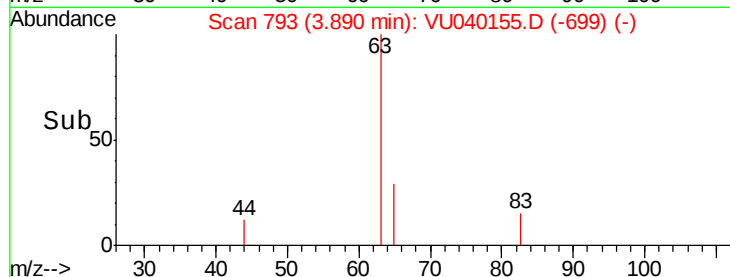
400

200

0

3.85 3.90 3.95

Time-->



#25

Chloroform

Concen: 0.371 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU040155.D

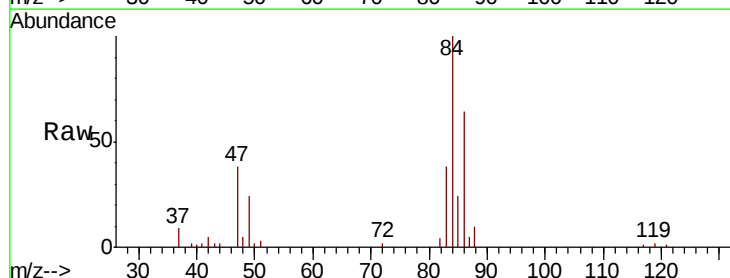
Acq: 16 Sep 2020 18:00

Tgt Ion: 83 Resp: 6858

Ion Ratio Lower Upper

83 100

85 62.8 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU040155.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU040155.D (-1078) (-)

5.11

3000

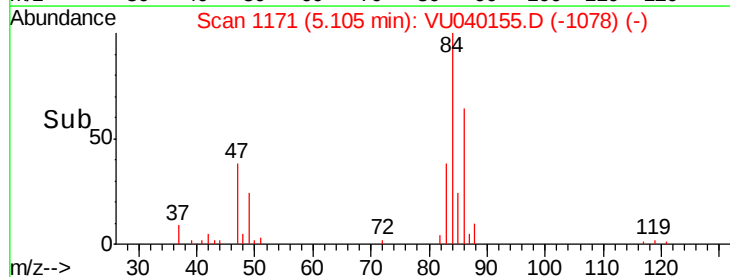
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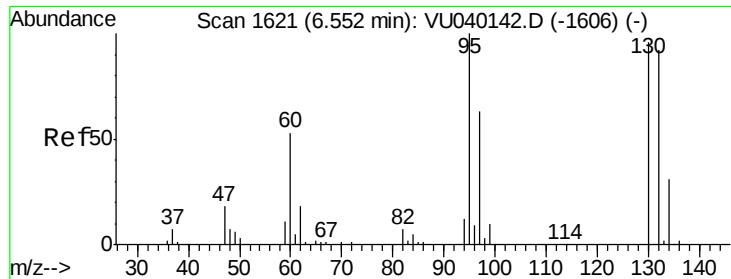
1000

0

5.05 5.10 5.15

Time-->

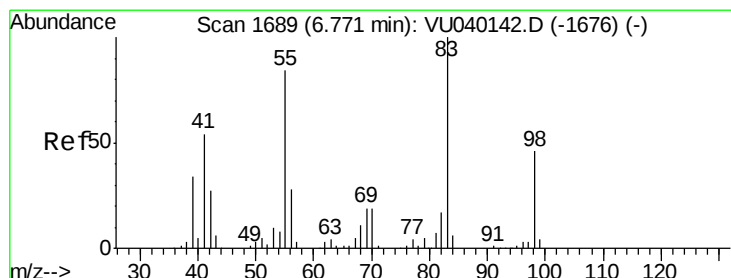
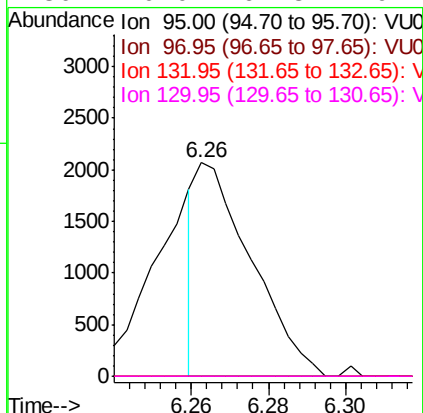
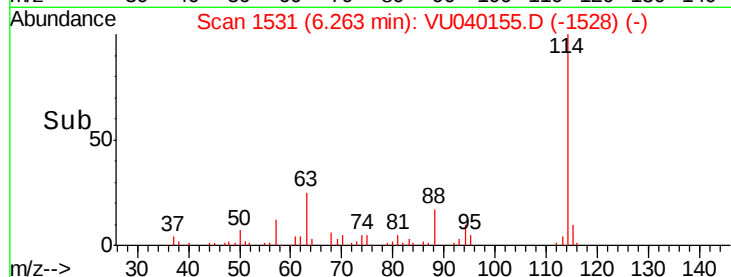
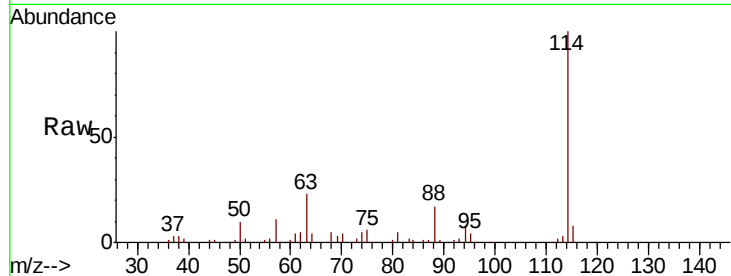




#34
 Trichloroethene
 Concen: 0.206 ug/L
 RT: 6.26 min Scan# 1531
 Delta R.T. -0.29 min
 Lab File: VU040155.D
 Acq: 16 Sep 2020 18:00

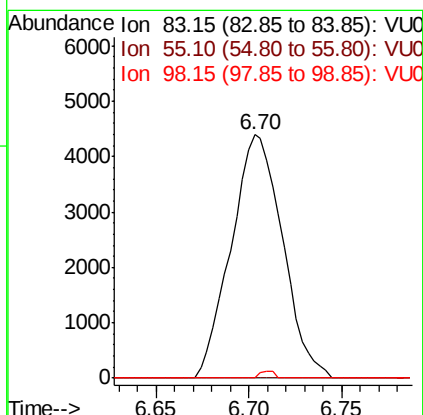
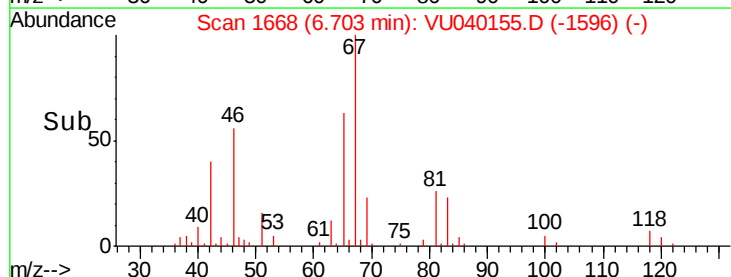
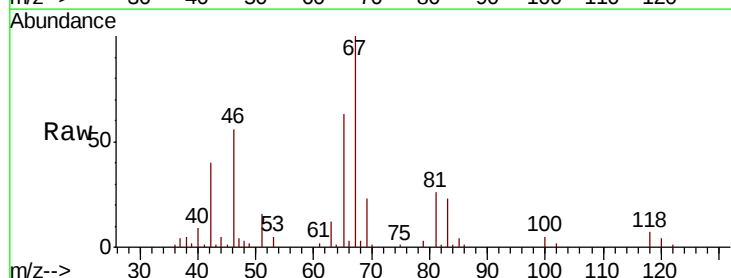
Instrument :
 MSVOA_U
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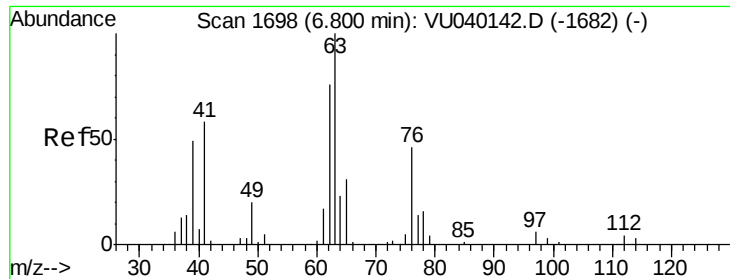
Tot Ion: 95 Resp: 2040
 Ion Ratio Lower Upper
 95 100
 97 0.0 43.3 80.5#
 132 0.0 59.4 110.4#
 130 0.0 64.8 120.4#



#35
 Methylcyclohexane
 Concen: 0.557 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040155.D
 Acq: 16 Sep 2020 18:00

Tgt Ion: 83 Resp: 8449
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.5 105.7#
 98 0.8 37.8 56.6#

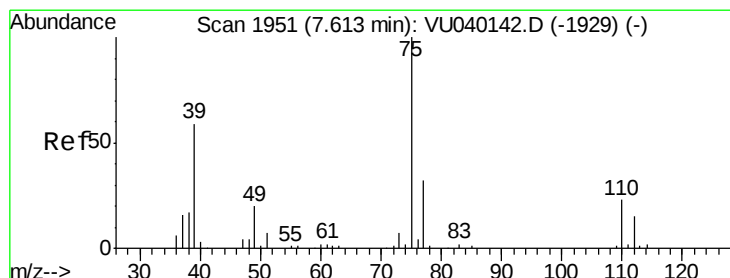
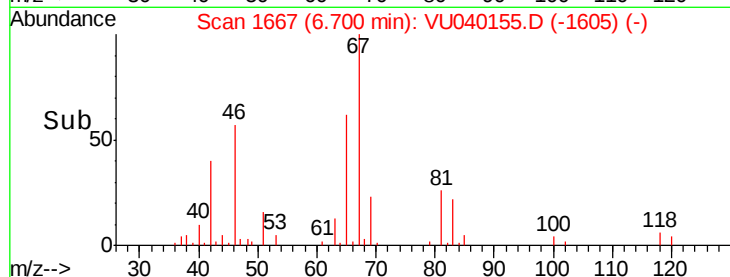
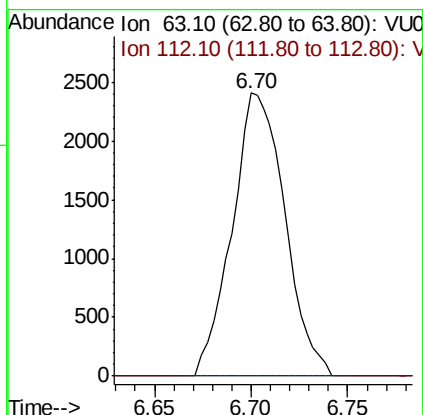
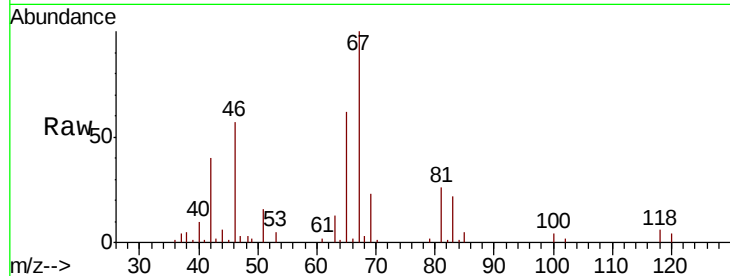




#37
 1,2-Dichloropropane
 Concen: 0.457 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040155.D
 Acq: 16 Sep 2020 18:00

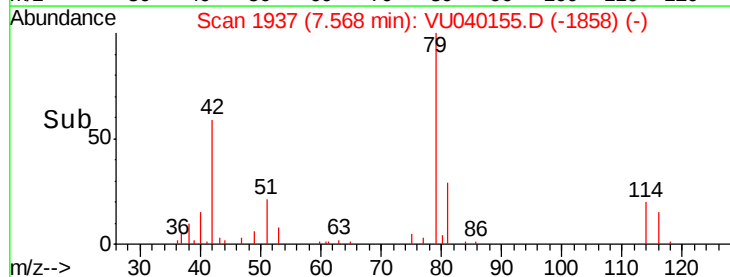
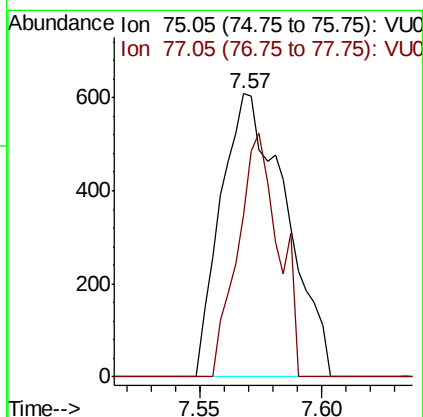
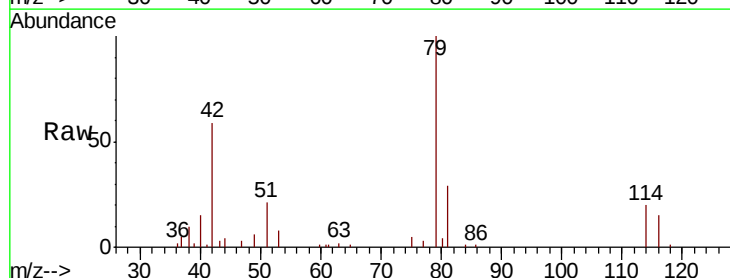
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB7

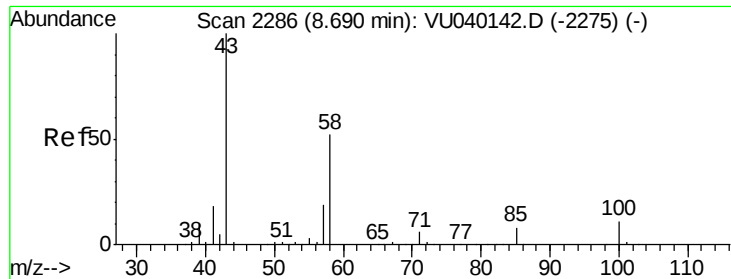
Tot Ion: 63 Resp: 4567
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.05 min
 Lab File: VU040155.D
 Acq: 16 Sep 2020 18:00

Tgt Ion: 75 Resp: 1130
 Ion Ratio Lower Upper
 75 100
 77 57.1 21.1 39.3#





#48

2-Hexanone

Concen: 1.720 ug/L

RT: 8.65 min Scan# 2272

Delta R.T. -0.05 min

Lab File: VU040155.D

Acq: 16 Sep 2020 18:00

Instrument :

MSVOA_U

ClientSampleId :

C0AB7

Tot Ion: 43 Resp: 10298

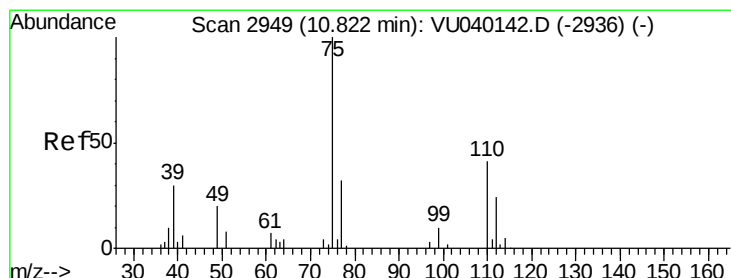
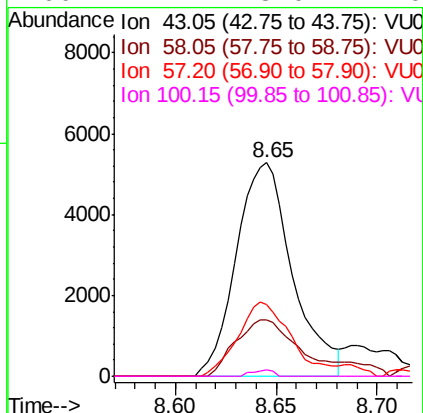
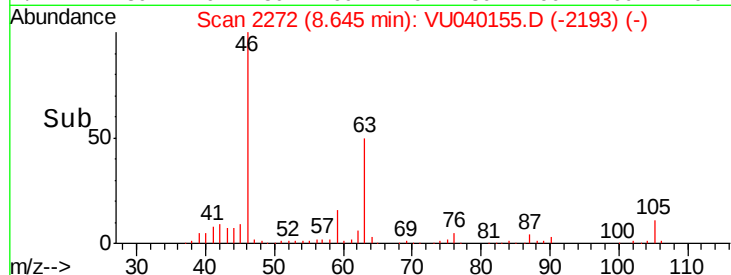
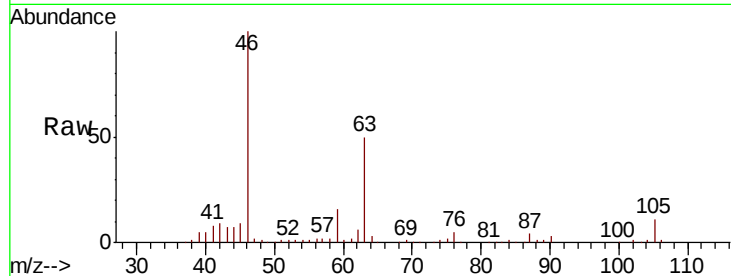
Ion Ratio Lower Upper

43 100

58 29.4 39.6 59.4#

57 32.7 14.3 21.5#

100 1.2 8.0 12.0#



#59

1,2,3-Trichloropropane

Concen: 0.837 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040155.D

Acq: 16 Sep 2020 18:00

Tgt Ion: 75 Resp: 6203

Ion Ratio Lower Upper

75 100

77 39.7 24.9 37.3#

