

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037426.D
 Acq On : 28 Mar 2020 19:01
 Operator : JC/MD
 Sample : L2002-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 00:24:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 00:15:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	112418	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	106562	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	53031	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	39157	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.93	69	31656	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.59	63	59489	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.66	46	100325	44.36	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.72%
24) Chloroform-d	5.11	84	66244	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	5.74	65	43352	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.76	84	151520	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.72	67	49034	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.93	98	142041	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	8.20	79	22646	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.66	63	93960	49.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	40740	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	52047	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

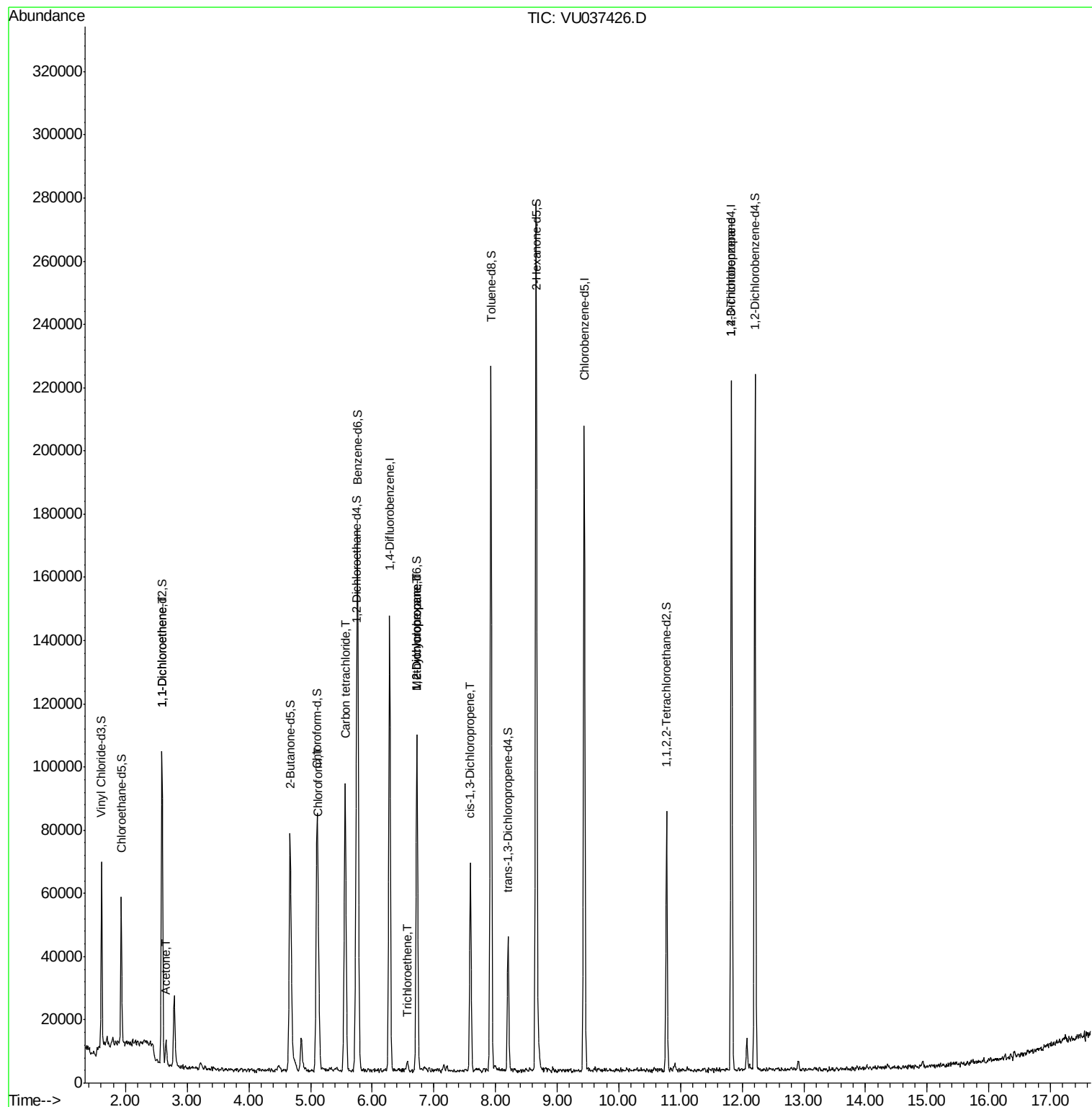
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	509	0.069	ug/L #	1
13) Acetone	2.66	43	8911	6.857	ug/L	91
25) Chloroform	5.13	83	24660	1.622	ug/L	98
31) Carbon tetrachloride	5.56	117	60829	5.260	ug/L	99
34) Trichloroethene	6.57	95	1082	0.120	ug/L #	85
35) Methylcyclohexane	6.72	83	12050	0.847	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	5984	0.734	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1693	0.127	ug/L #	68
59) 1,2,3-Trichloropropane	11.83	75	7244	1.277	ug/L	94

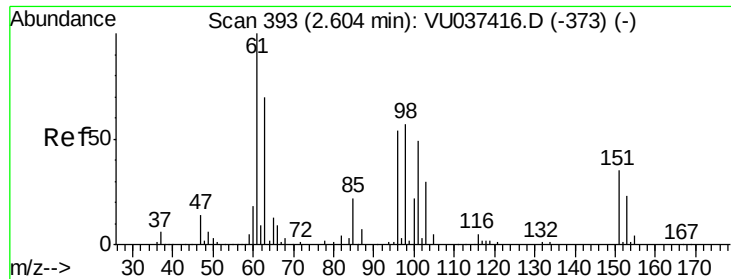
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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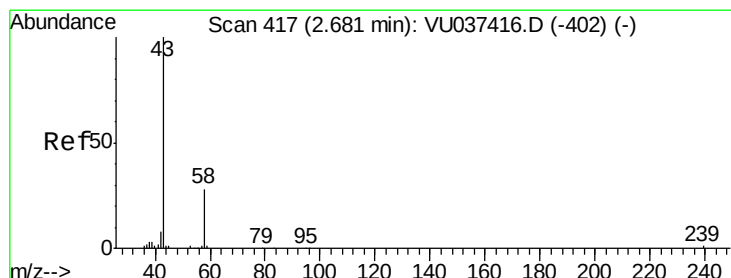
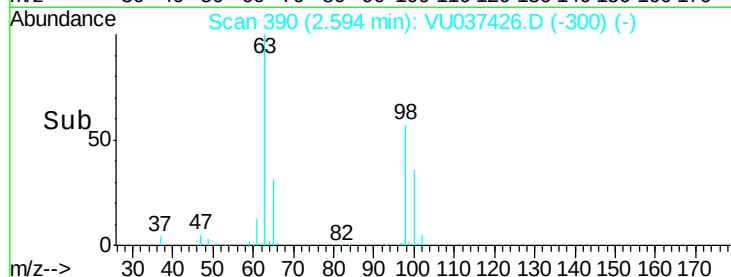
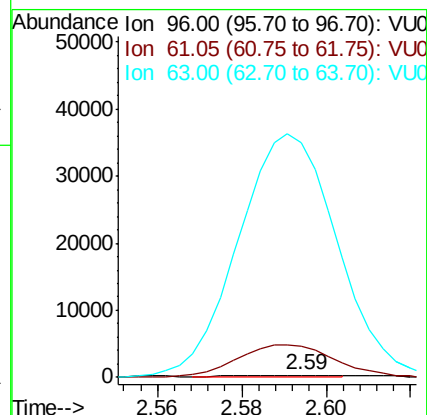
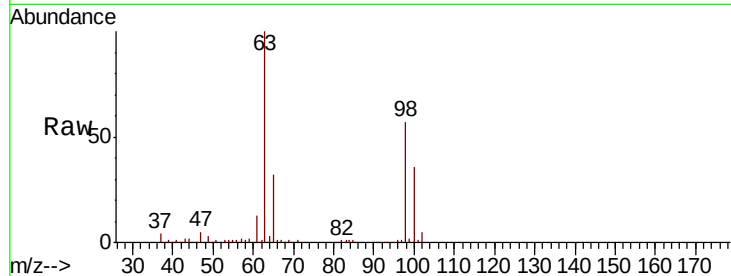




#12
 1,1-Dichloroethene
 Concen: 0.069 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU037426.D
 Acq: 28 Mar 2020 19:01

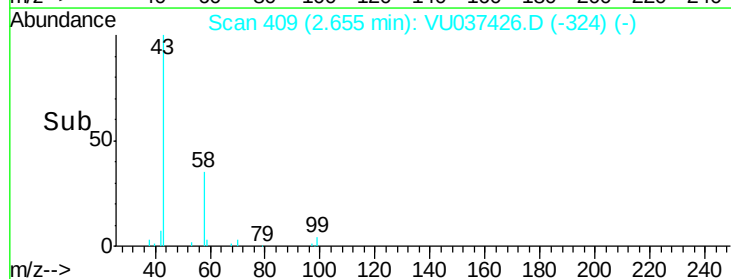
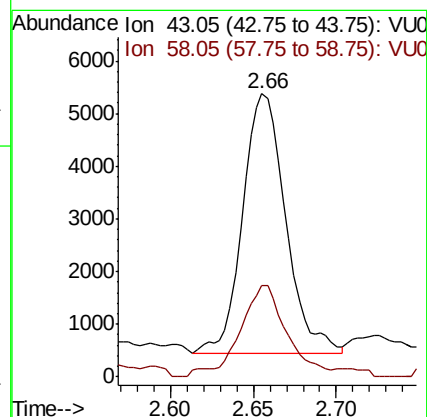
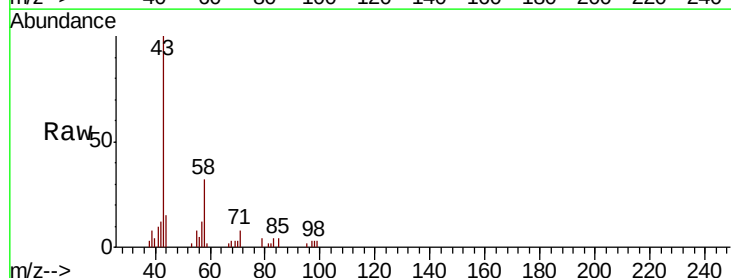
Instrument :
 MSVOA_U
 ClientSampleId :

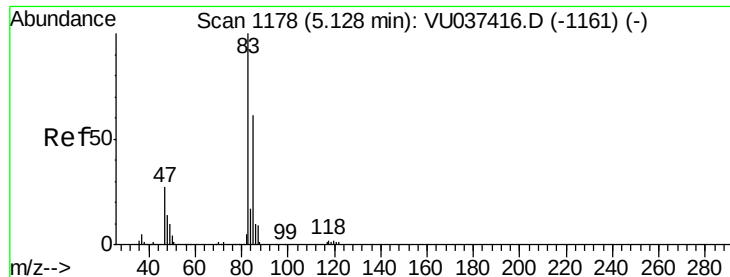
Tot Ion: 96 Resp: 509
 Ion Ratio Lower Upper
 96 100
 61 1361.4 125.4 232.8#
 63 10305.6 90.9 168.7#



#13
 Acetone
 Concen: 6.857 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. -0.03 min
 Lab File: VU037426.D
 Acq: 28 Mar 2020 19:01

Tgt Ion: 43 Resp: 8911
 Ion Ratio Lower Upper
 43 100
 58 38.3 0.0 66.0





#25

Chloroform

Concen: 1.622 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU037426.D

Acq: 28 Mar 2020 19:01

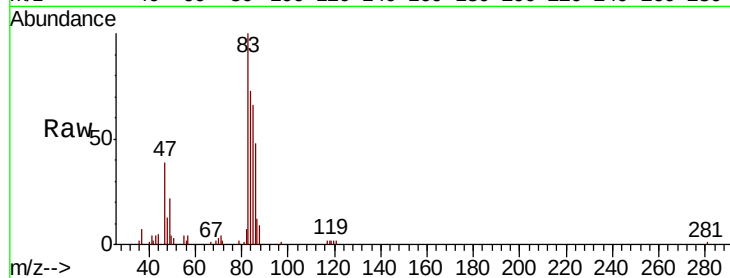
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 24660

Ion Ratio Lower Upper

83 100

85 66.2 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU037416.D (-1161) (-)

Ion 85.00 (84.70 to 85.70): VU037416.D (-1161) (-)

5.13

12000

10000

8000

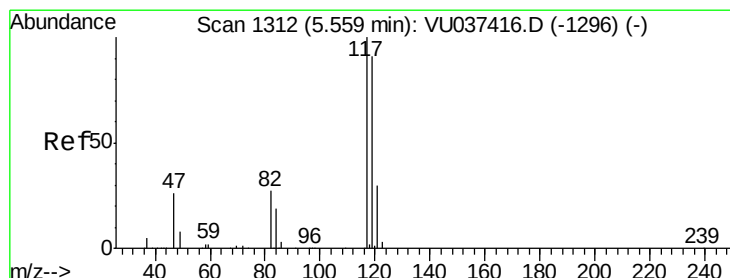
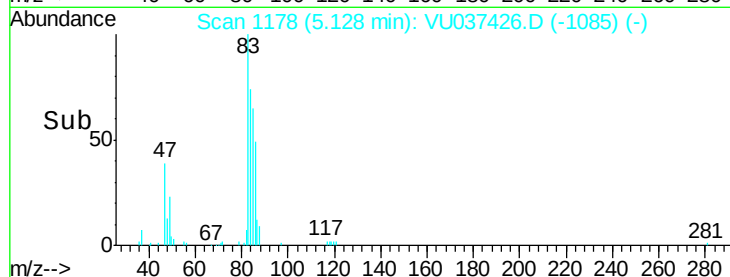
6000

4000

2000

0

Time-->



#31

Carbon tetrachloride

Concen: 5.260 ug/L

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037426.D

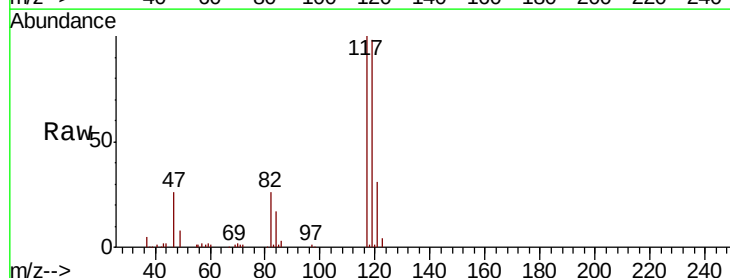
Acq: 28 Mar 2020 19:01

Tgt Ion: 117 Resp: 60829

Ion Ratio Lower Upper

117 100

119 97.8 77.7 116.5



Abundance Ion 116.90 (116.60 to 117.60): VU037416.D (-1296) (-)

Ion 118.90 (118.60 to 119.60): VU037416.D (-1296) (-)

5.56

30000

25000

20000

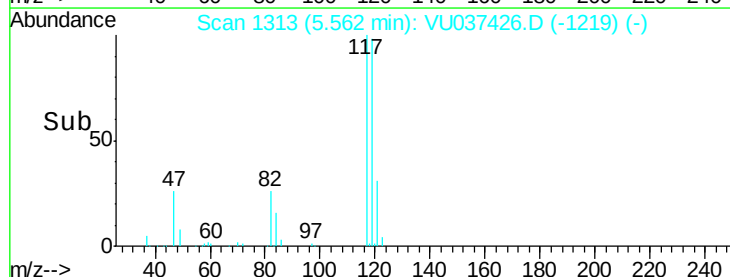
15000

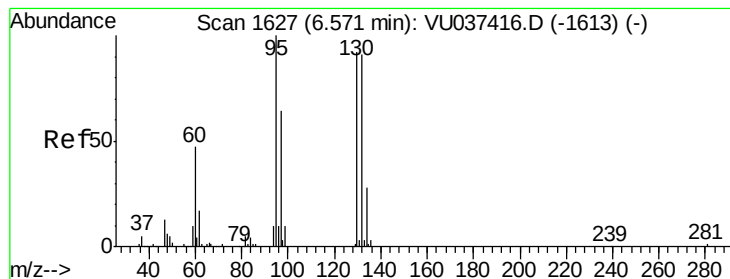
10000

5000

0

Time-->





#34

Trichloroethene

Concen: 0.120 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VU037426.D

Acq: 28 Mar 2020 19:01

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 1082

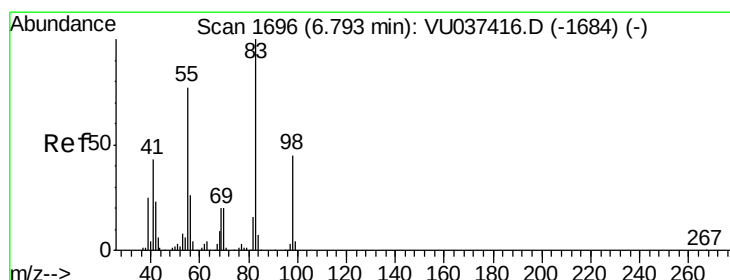
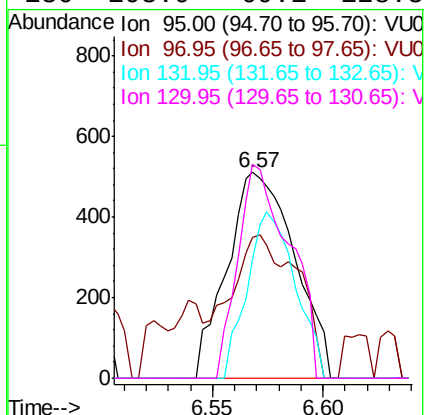
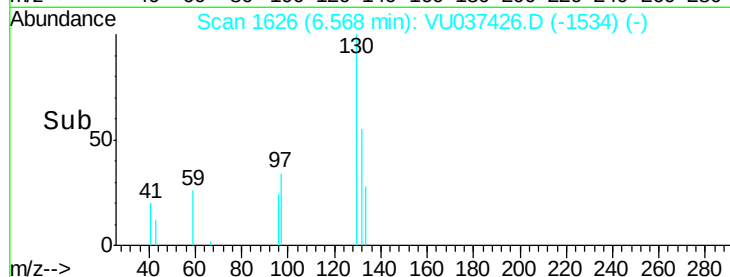
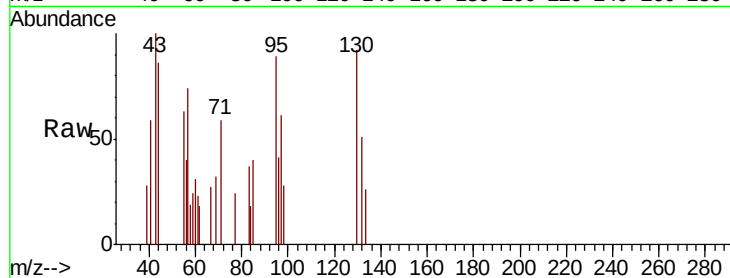
Ion Ratio Lower Upper

95 100

97 68.4 45.3 84.1

132 57.6 62.7 116.5#

130 103.9 69.1 128.3



#35

Methylcyclohexane

Concen: 0.847 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037426.D

Acq: 28 Mar 2020 19:01

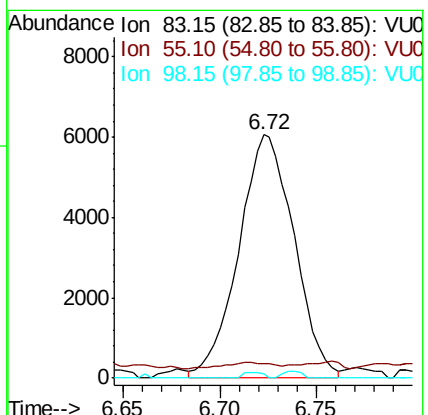
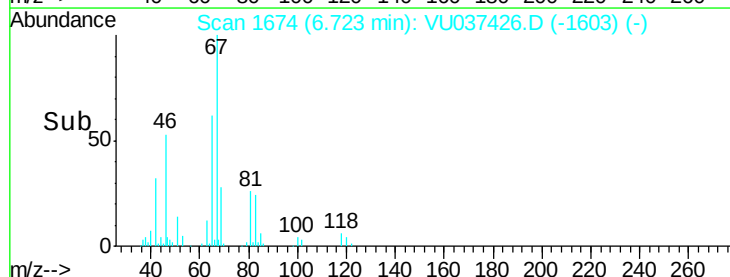
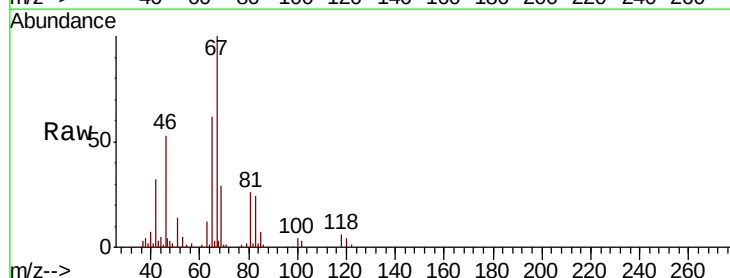
Tgt Ion: 83 Resp: 12050

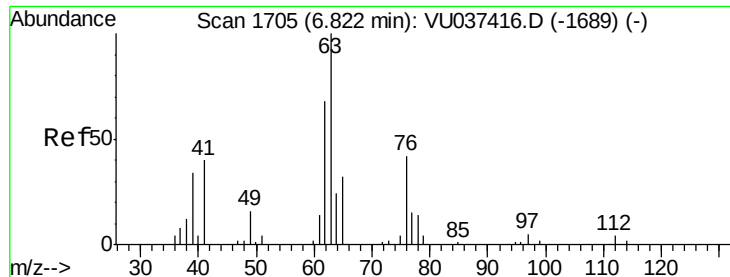
Ion Ratio Lower Upper

83 100

55 2.3 64.2 96.4#

98 0.8 36.3 54.5#

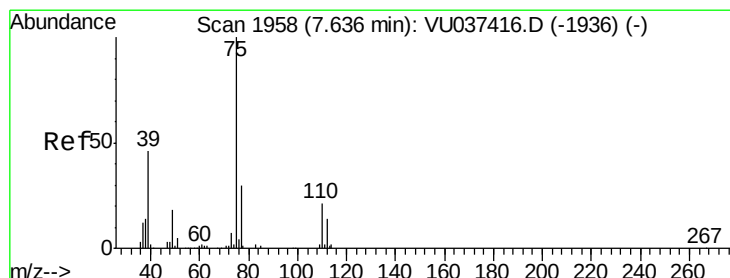
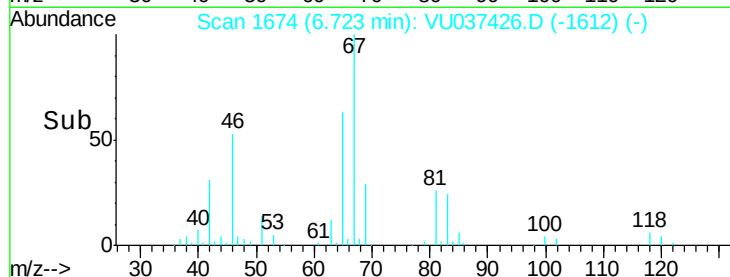
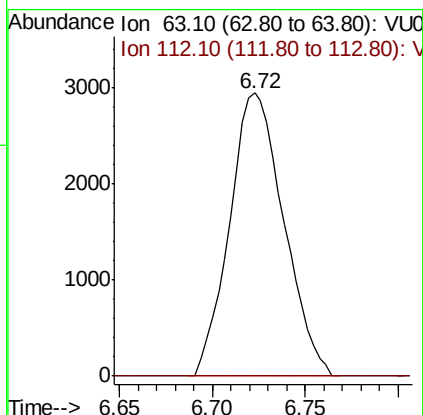
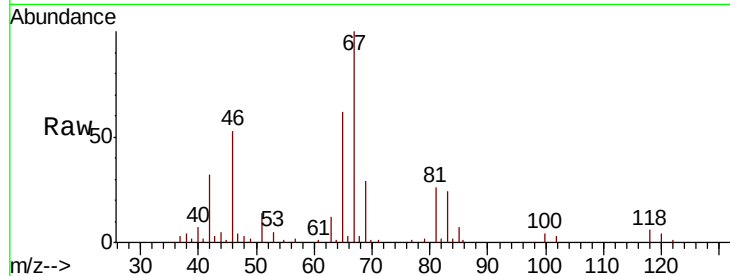




#37
 1,2-Dichloropropane
 Concen: 0.734 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037426.D
 Acq: 28 Mar 2020 19:01

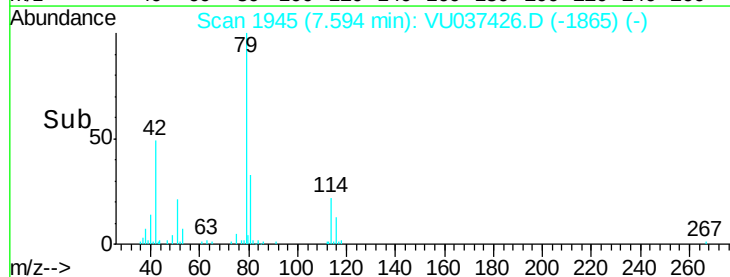
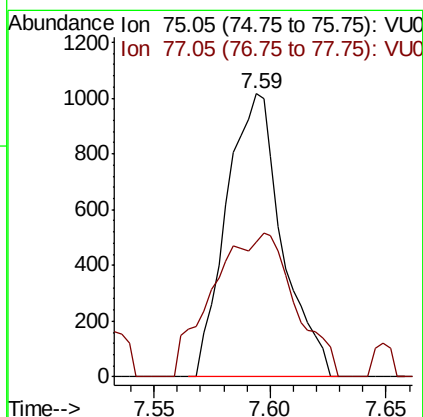
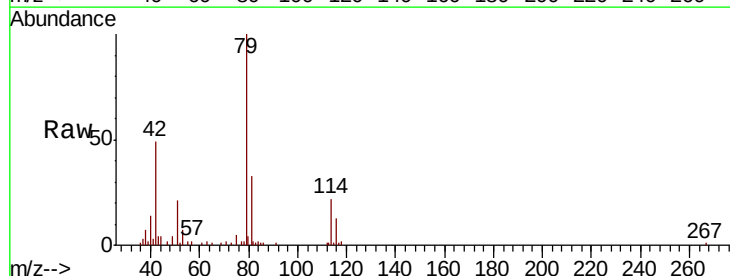
Instrument :
 MSVOA_U
 ClientSampleId :

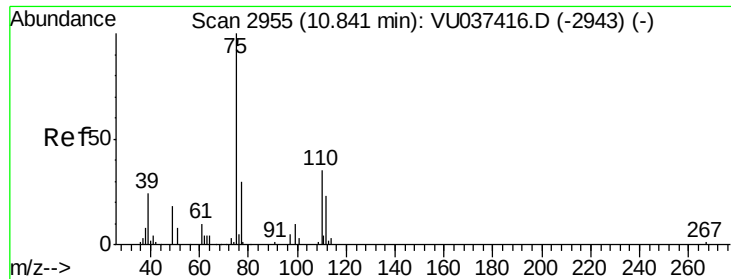
Tot Ion: 63 Resp: 5984
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.127 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037426.D
 Acq: 28 Mar 2020 19:01

Tgt Ion: 75 Resp: 1693
 Ion Ratio Lower Upper
 75 100
 77 47.6 21.1 39.3#





#59

1,2,3-Trichloropropane

Concen: 1.277 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037426.D

Acq: 28 Mar 2020 19:01

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 7244

Ion Ratio Lower Upper

75 100

77 37.9 27.4 41.2

