

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101818\
 Data File : VU027695.D
 Acq On : 18 Oct 2018 13:39
 Operator : MD/SY
 Sample : J5463-19 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JD4

Quant Time: Oct 19 08:14:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 08:11:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	75819	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	69001	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	33466	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	23264	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.68	69	18930	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.28	63	32070	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.20	46	79799	46.58	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.16%
24) Chloroform-d	4.65	84	39136	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.31	65	23960	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.34	84	88420	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.33	67	30929	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.57	98	79051	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.85	79	11139	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.31	63	67948	47.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	22358	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	28834	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

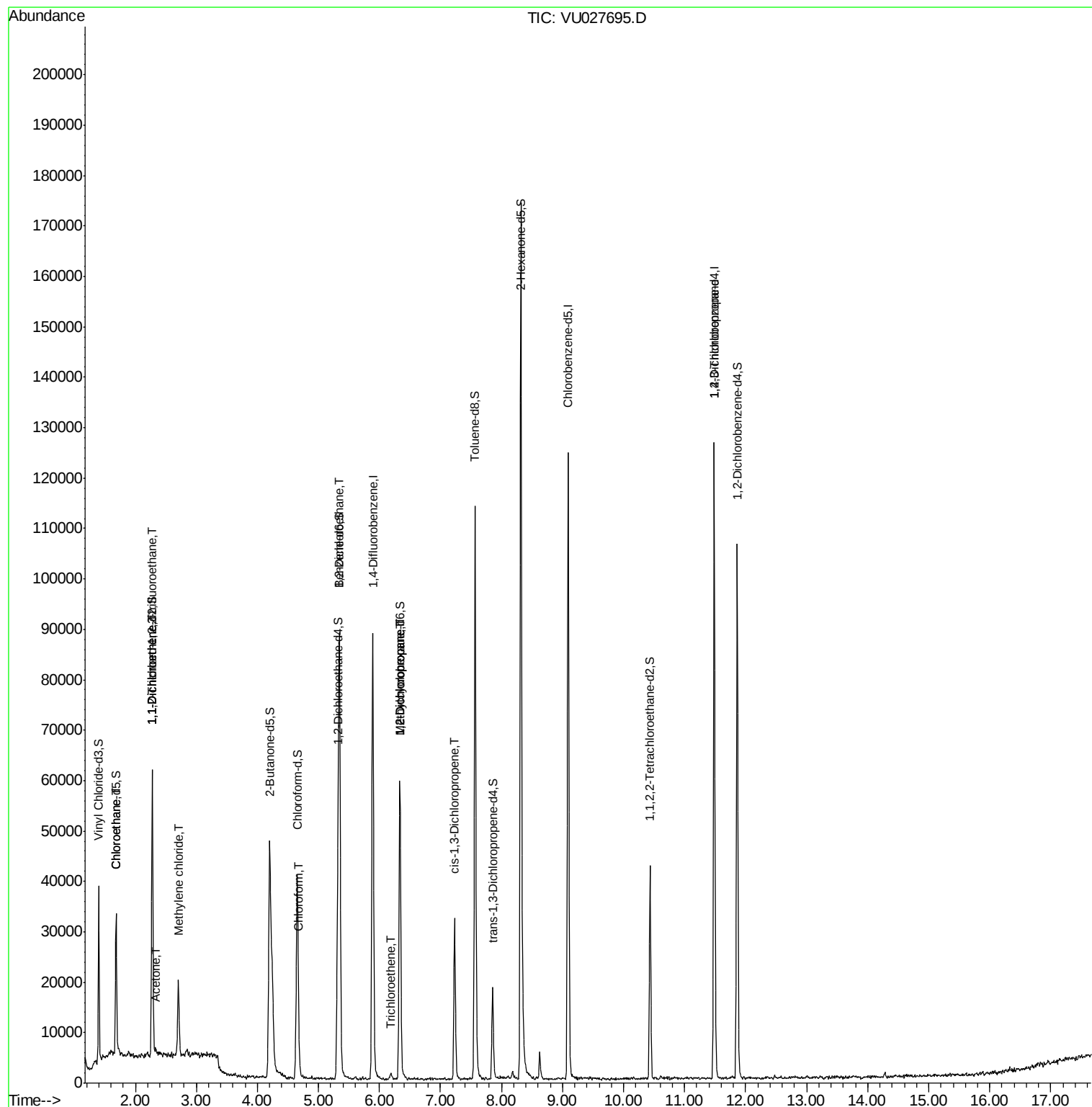
					Qvalue
8) Chloroethane	1.69	64	464	0.109 ug/L #	41
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	301	0.058 ug/L #	17
12) 1,1-Dichloroethene	2.28	96	304	0.059 ug/L #	1
13) Acetone	2.33	43	805	0.735 ug/L	67
16) Methylene chloride	2.70	84	6276	1.121 ug/L	96
25) Chloroform	4.68	83	2533	0.242 ug/L	91
27) 1,2-Dichloroethane	5.34	62	450	0.068 ug/L #	72
34) Trichloroethene	6.20	95	309	0.053 ug/L #	41
35) Methylcyclohexane	6.34	83	6705	0.666 ug/L #	17
37) 1,2-Dichloropropane	6.33	63	2992	0.461 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	632	0.067 ug/L #	14
59) 1,2,3-Trichloropropane	11.49	75	3680	0.988 ug/L	90

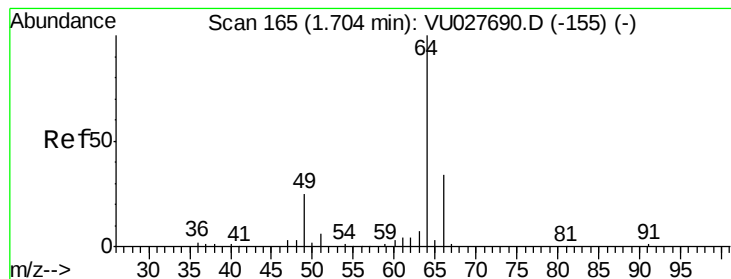
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.109 ug/L

RT: 1.69 min Scan# 162

Delta R.T. -0.01 min

Lab File: VU027695.D

Acq: 18 Oct 2018 13:39

Instrument :

MSVOA_U

ClientSampleId :

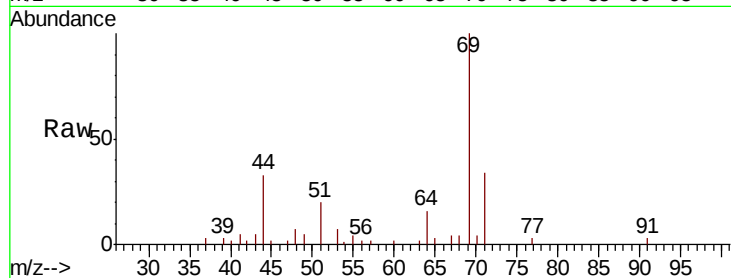
C0JD4

Tgt Ion: 64 Resp: 464

Ion Ratio Lower Upper

64 100

66 0.0 23.5 43.7#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1200

1000

800

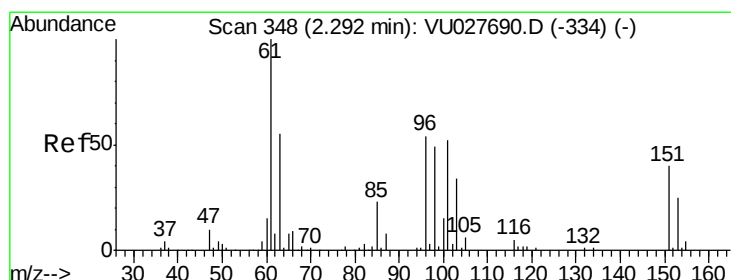
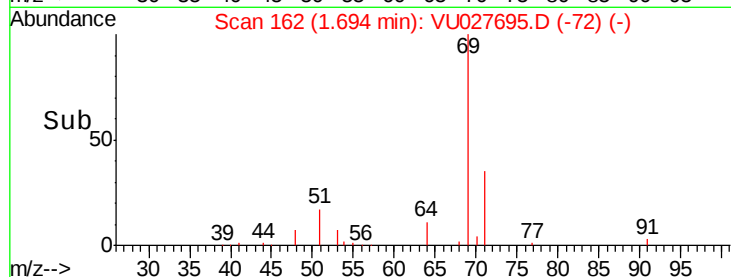
600

400

200

0

Time-->



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.058 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU027695.D

Acq: 18 Oct 2018 13:39

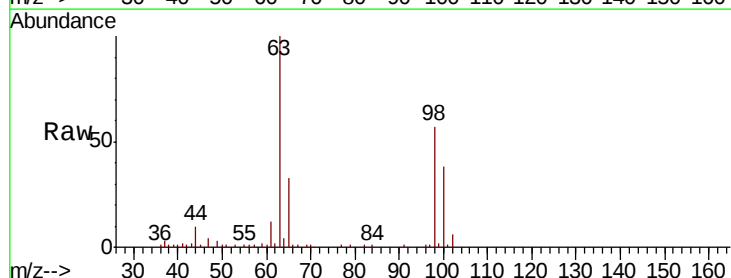
Tgt Ion: 101 Resp: 301

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 63.8 95.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

300

250

200

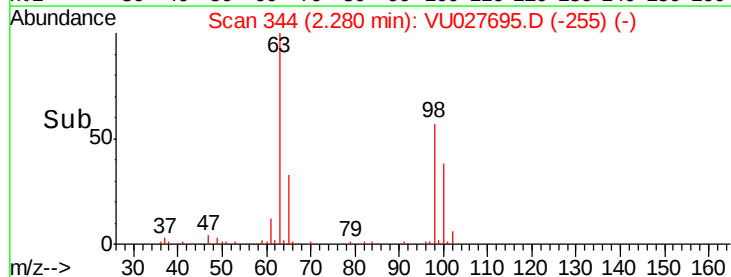
150

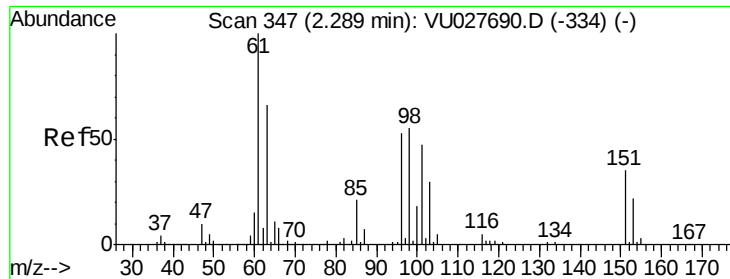
100

50

0

Time-->

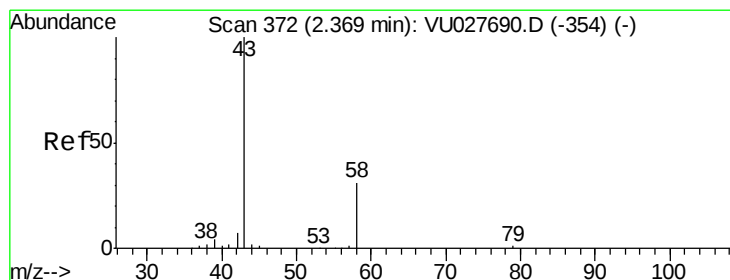
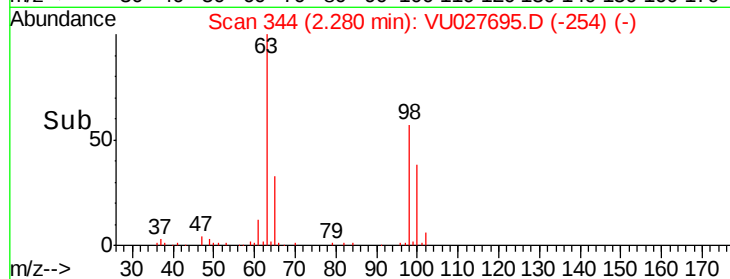
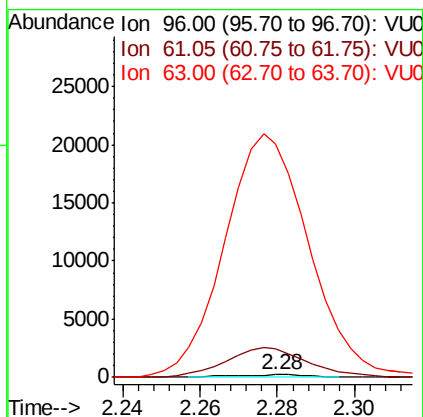
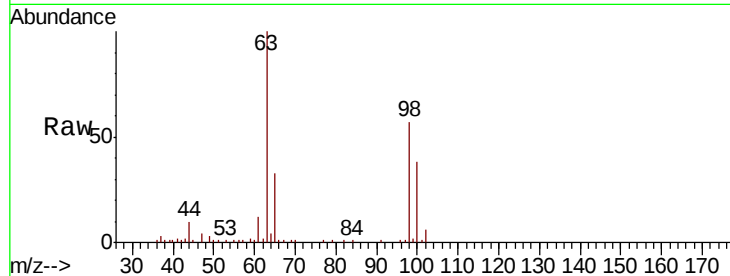




#12
 1,1-Dichloroethene
 Concen: 0.059 ug/L
 RT: 2.28 min Scan# 344
 Delta R.T. -0.01 min
 Lab File: VU027695.D
 Acq: 18 Oct 2018 13:39

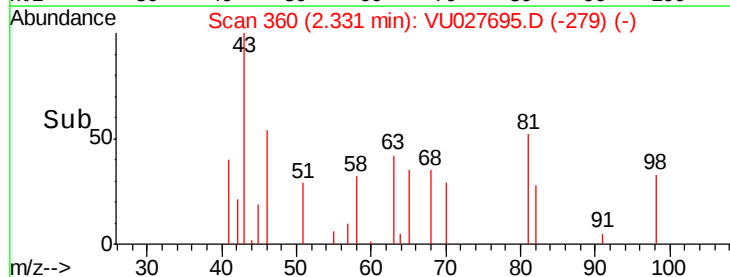
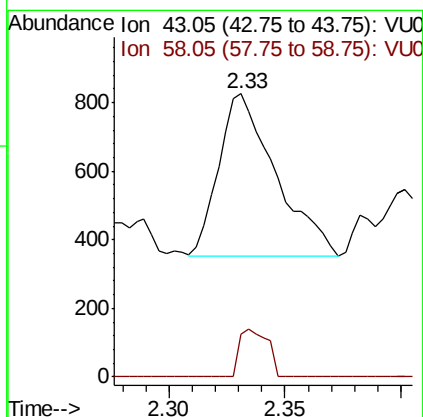
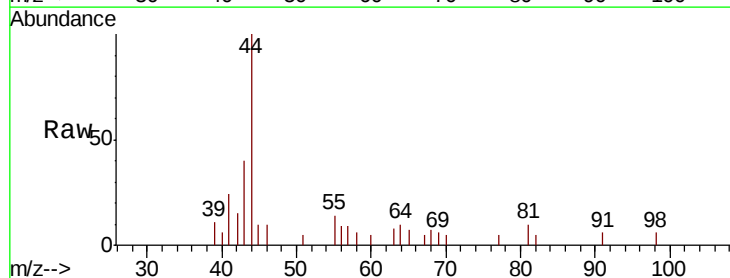
Instrument :
 MSVOA_U
 ClientSampled :
 C0JD4

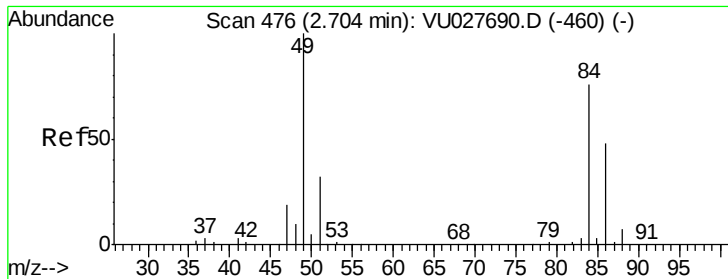
Tgt Ion: 96 Resp: 304
 Ion Ratio Lower Upper
 96 100
 61 1149.3 125.6 233.2#
 63 9408.5 97.6 181.2#



#13
 Acetone
 Concen: 0.735 ug/L
 RT: 2.33 min Scan# 360
 Delta R.T. -0.04 min
 Lab File: VU027695.D
 Acq: 18 Oct 2018 13:39

Tgt Ion: 43 Resp: 805
 Ion Ratio Lower Upper
 43 100
 58 14.5 0.0 66.4

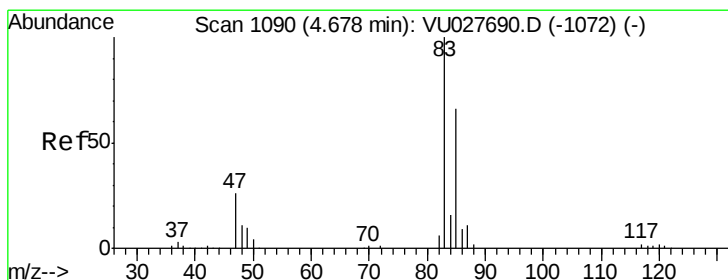
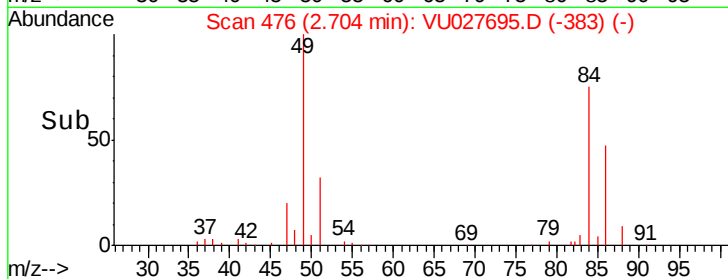
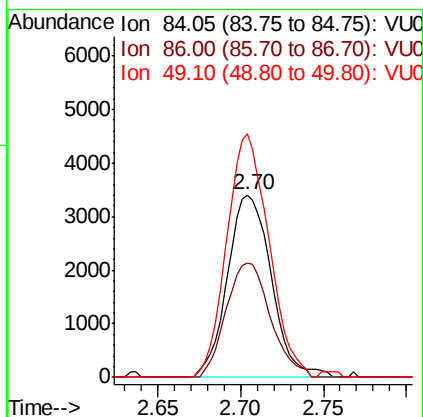
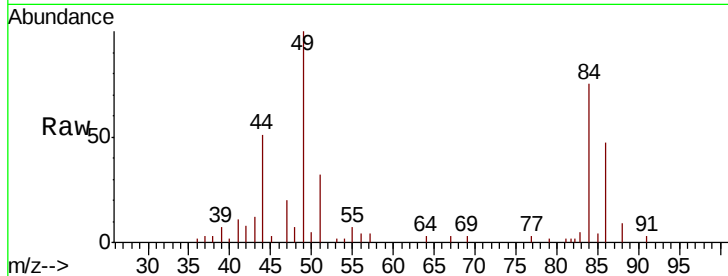




#16
Methylene chloride
Concen: 1.121 ug/L
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027695.D
Acq: 18 Oct 2018 13:39

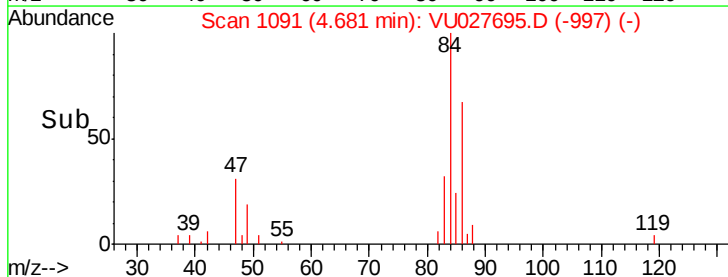
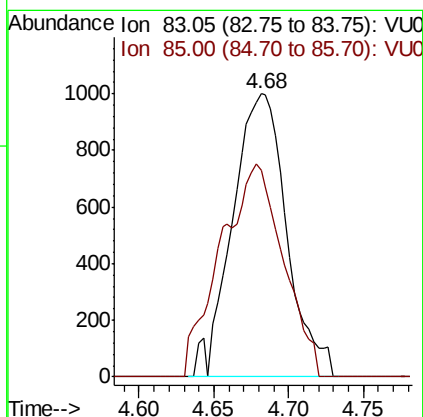
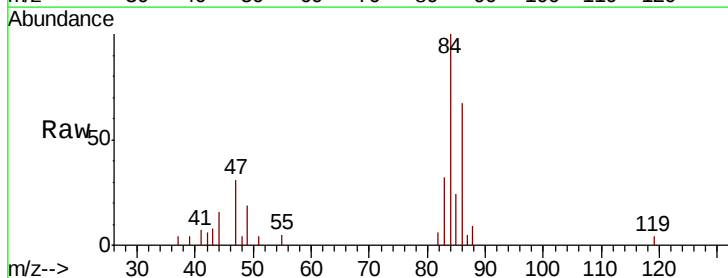
Instrument :
MSVOA_U
ClientSampleId :
C0JD4

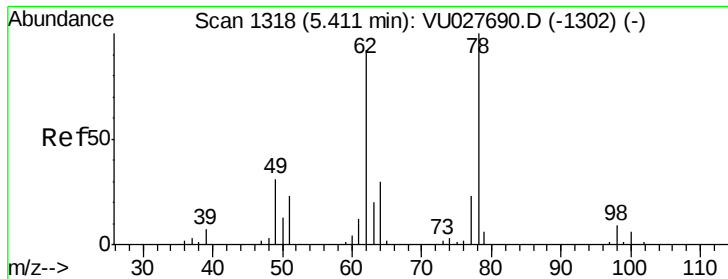
Tgt Ion: 84 Resp: 6276
Ion Ratio Lower Upper
84 100
86 62.8 46.1 85.7
49 133.5 96.9 179.9



#25
Chloroform
Concen: 0.242 ug/L
RT: 4.68 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VU027695.D
Acq: 18 Oct 2018 13:39

Tgt Ion: 83 Resp: 2533
Ion Ratio Lower Upper
83 100
85 73.1 46.1 85.7

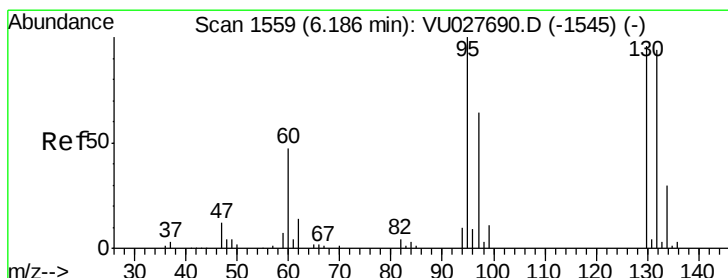
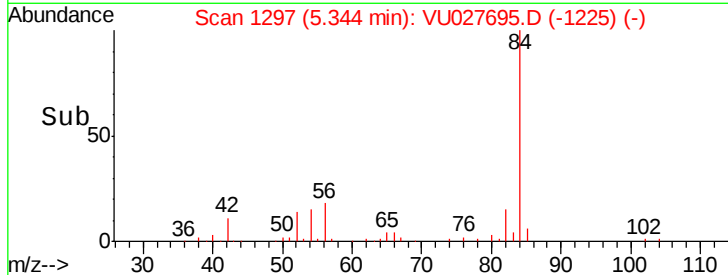
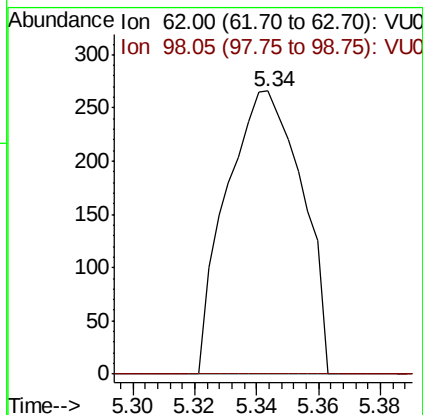
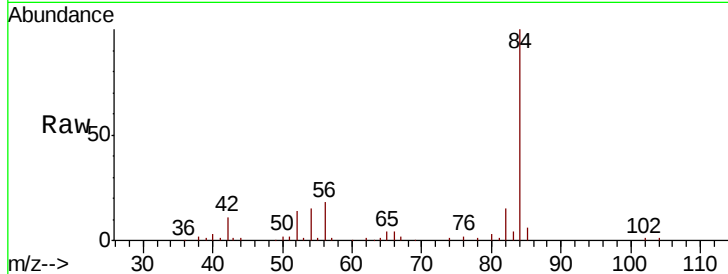




#27
 1,2-Dichloroethane
 Concen: 0.068 ug/L
 RT: 5.34 min Scan# 1297
 Delta R.T. -0.07 min
 Lab File: VU027695.D
 Acq: 18 Oct 2018 13:39

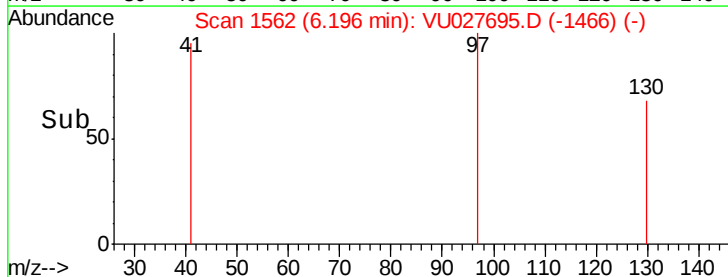
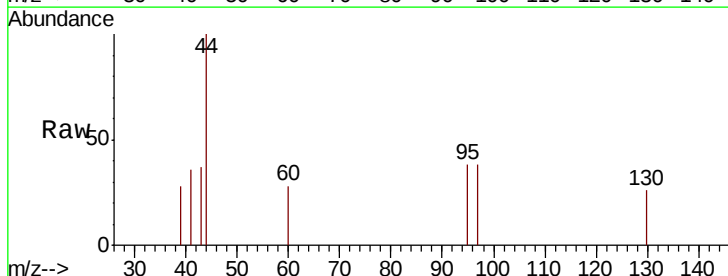
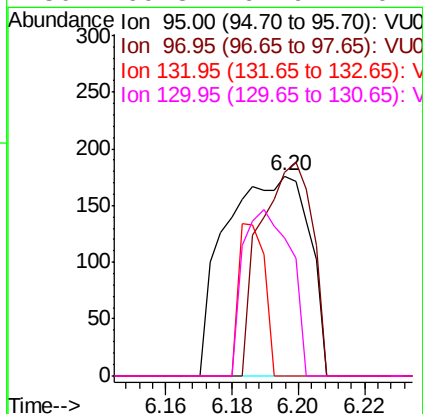
Instrument :
 MSVOA_U
 ClientSampleId :
 C0JD4

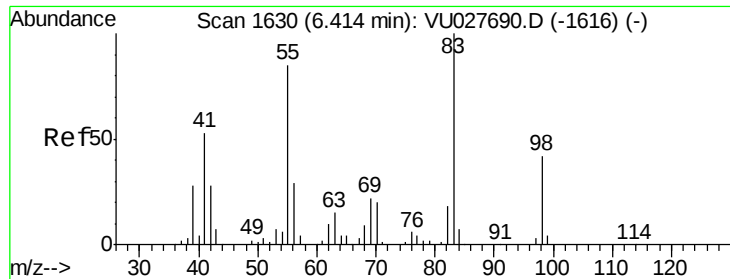
Tgt Ion: 62 Resp: 450
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.4 12.6#



#34
 Trichloroethene
 Concen: 0.053 ug/L
 RT: 6.20 min Scan# 1562
 Delta R.T. 0.01 min
 Lab File: VU027695.D
 Acq: 18 Oct 2018 13:39

Tgt Ion: 95 Resp: 309
 Ion Ratio Lower Upper
 95 100
 97 101.7 44.7 83.1#
 132 0.0 65.9 122.5#
 130 69.3 67.9 126.1

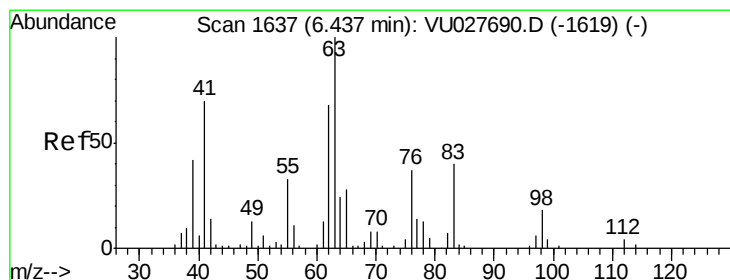
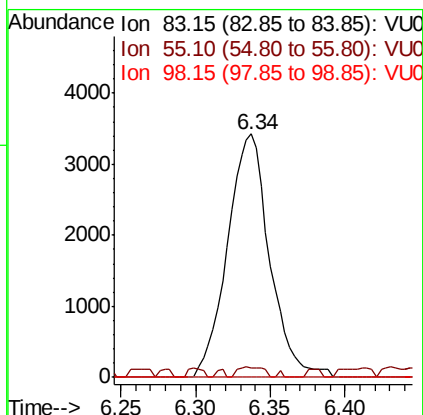
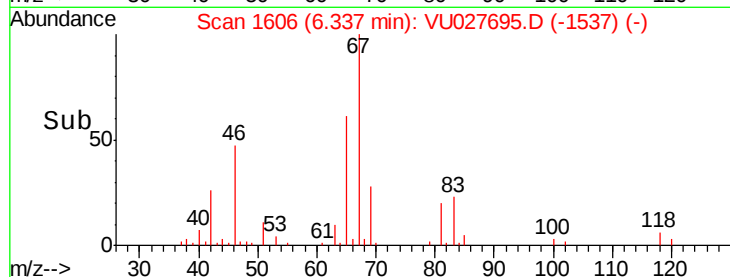
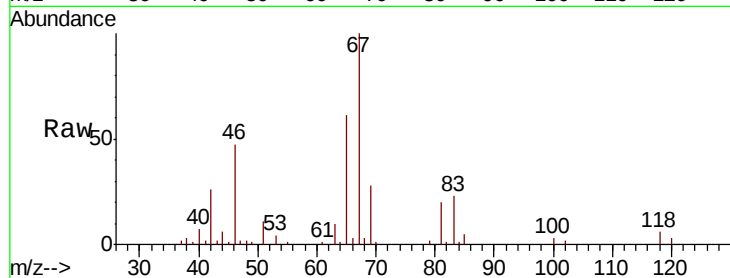




#35
Methylcyclohexane
Concen: 0.666 ug/L
RT: 6.34 min Scan# 1606
Delta R.T. -0.08 min
Lab File: VU027695.D
Acq: 18 Oct 2018 13:39

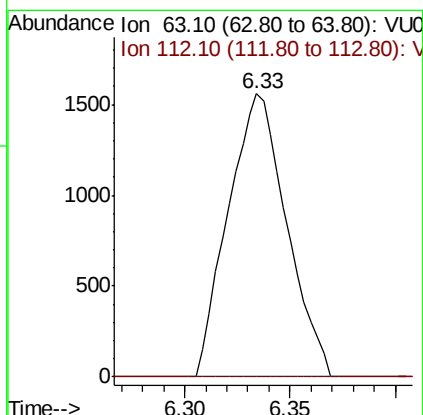
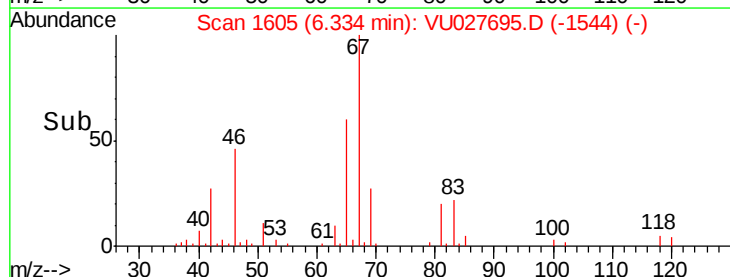
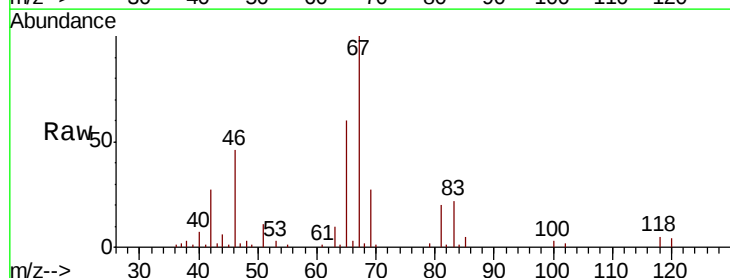
Instrument :
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ClientSampleId :
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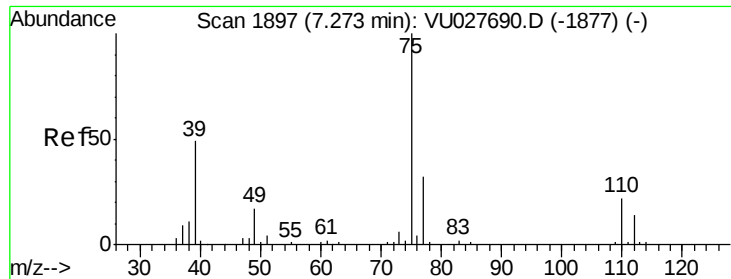
Tgt Ion: 83 Resp: 6705
Ion Ratio Lower Upper
83 100
55 2.6 69.0 103.4#
98 0.0 35.4 53.2#



#37
1,2-Dichloropropane
Concen: 0.461 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027695.D
Acq: 18 Oct 2018 13:39

Tgt Ion: 63 Resp: 2992
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#

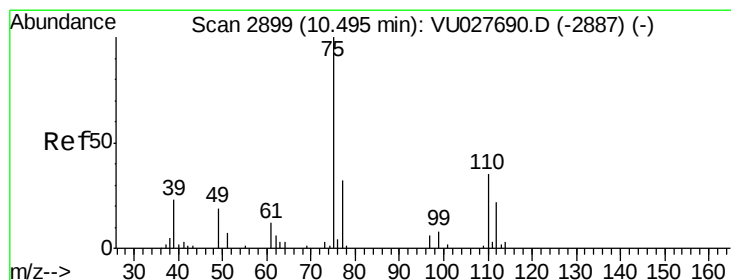
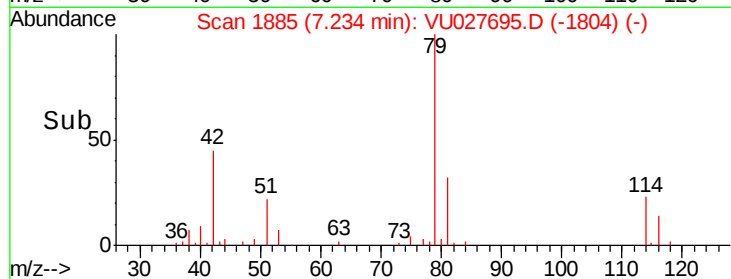
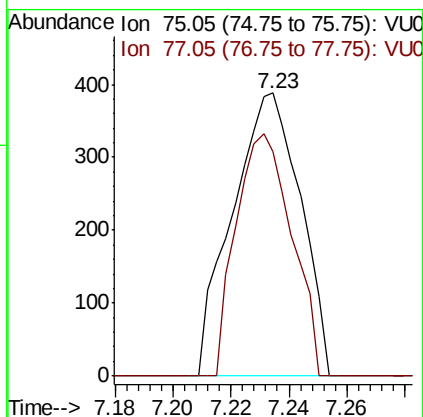
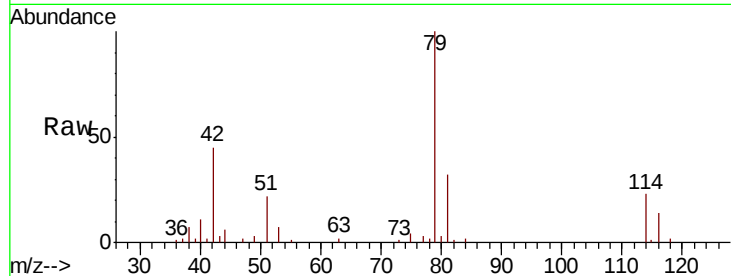




#39
 cis-1,3-Dichloropropene
 Concen: 0.067 ug/L
 RT: 7.23 min Scan# 1885
 Delta R.T. -0.04 min
 Lab File: VU027695.D
 Acq: 18 Oct 2018 13:39

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JD4

Tgt Ion: 75 Resp: 632
 Ion Ratio Lower Upper
 75 100
 77 79.4 22.2 41.2#



#59
 1,2,3-Trichloropropane
 Concen: 0.988 ug/L
 RT: 11.49 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027695.D
 Acq: 18 Oct 2018 13:39

Tgt Ion: 75 Resp: 3680
 Ion Ratio Lower Upper
 75 100
 77 39.5 26.9 40.3

