

Data File : VU032618.D
Acq On : 11 Jun 2019 18:29
Operator : JC/SP
Sample : K3292-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8P5

Quant Time: Jun 12 07:32:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 07:28:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	169586	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	161615	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	81832	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43864	39.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.74%
7) Chloroethane-d5	1.68	69	39278	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.84%
11) 1,1-Dichloroethene-d2	2.27	63	69610	32.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.62%
21) 2-Butanone-d5	4.17	46	93662	101.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.72%
24) Chloroform-d	4.64	84	97778	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
26) 1,2-Dichloroethane-d4	5.30	65	66905	51.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.52%
32) Benzene-d6	5.33	84	194719	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.82%
36) 1,2-Dichloropropane-d6	6.32	67	64418	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.92%
41) Toluene-d8	7.56	98	179356	45.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.16%
43) trans-1,3-Dichloropropene-	7.85	79	28173	44.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.50%
47) 2-Hexanone-d5	8.31	63	54835	85.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	96605	50.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	77490	49.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.88%

Target Compounds

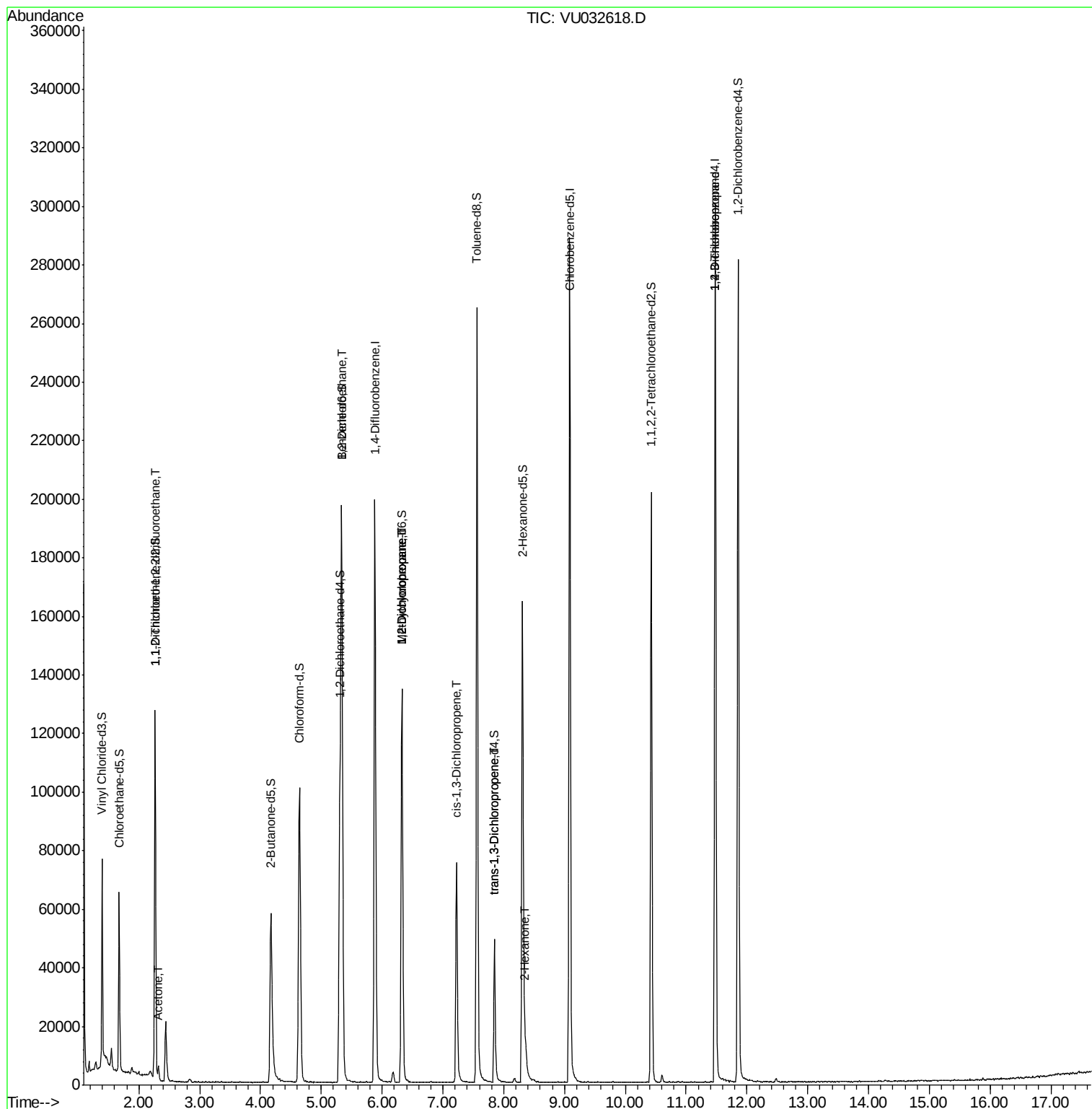
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	642	0.619	ug/L #	18
13) Acetone	2.32	43	4791	5.043	ug/L	94
27) 1,2-Dichloroethane	5.34	62	1056	0.651	ug/L #	75
35) Methylcyclohexane	6.32	83	14866	7.433	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	7509	6.238	ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	1896	0.998	ug/L #	79
44) trans-1,3-Dichloropropene	7.85	75	1222	0.725	ug/L #	79
48) 2-Hexanone	8.36	43	5146	3.235	ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	9081	5.803	ug/L #	86

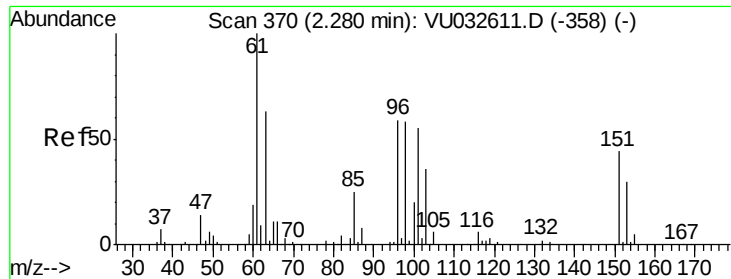
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.619 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032618.D

Acq: 11 Jun 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

DB8P5

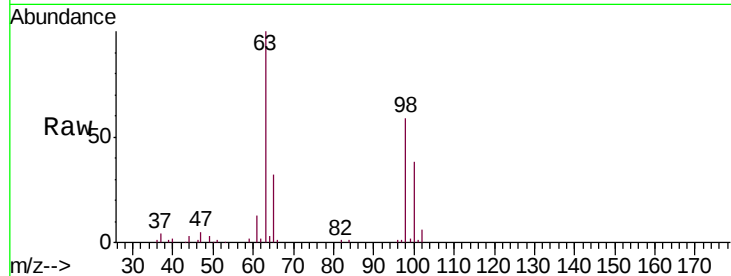
Tgt Ion:101 Resp: 642

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

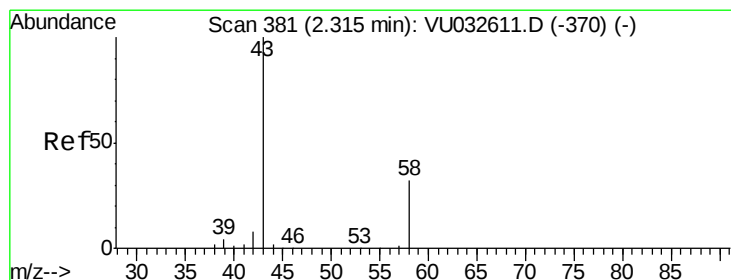
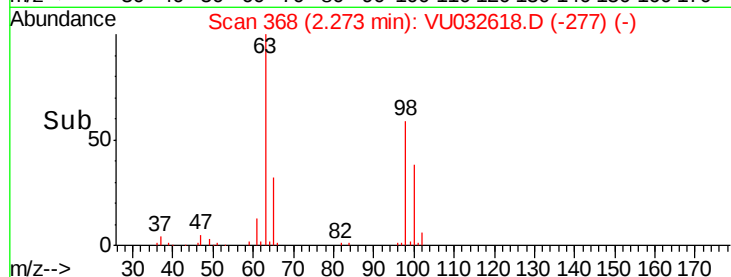
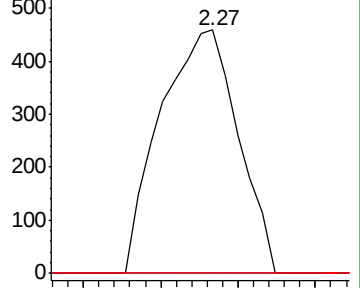
151 0.0 63.0 94.4#



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



#13

Acetone

Concen: 5.043 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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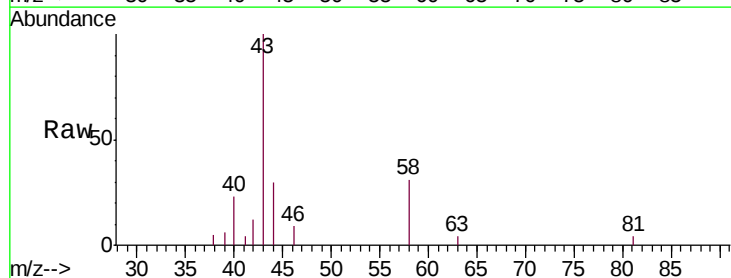
Acq: 11 Jun 2019 18:29

Tgt Ion: 43 Resp: 4791

Ion Ratio Lower Upper

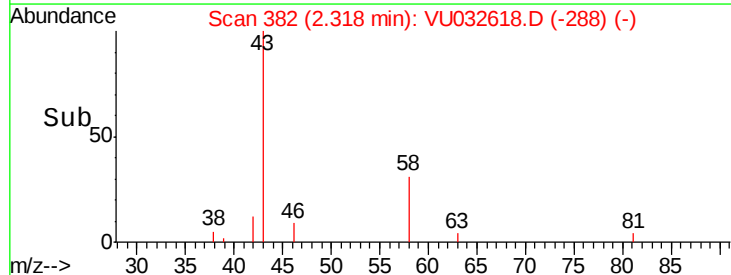
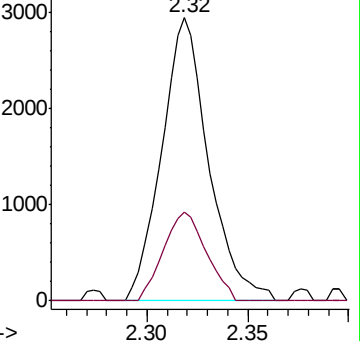
43 100

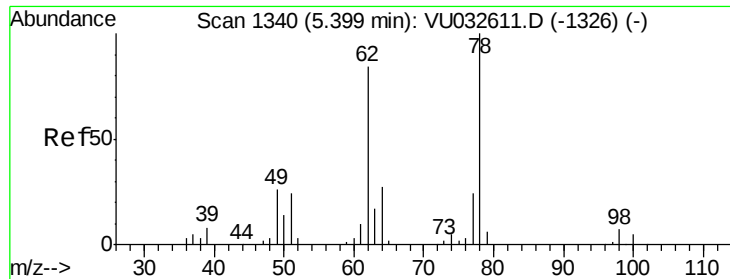
58 28.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

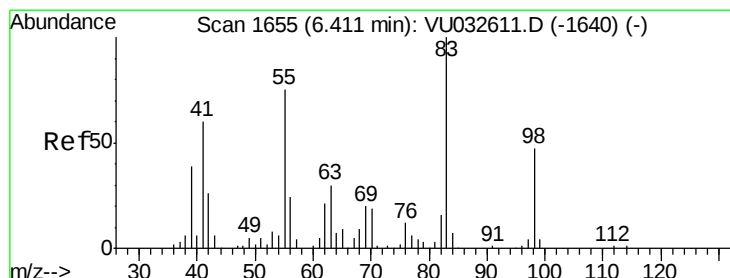
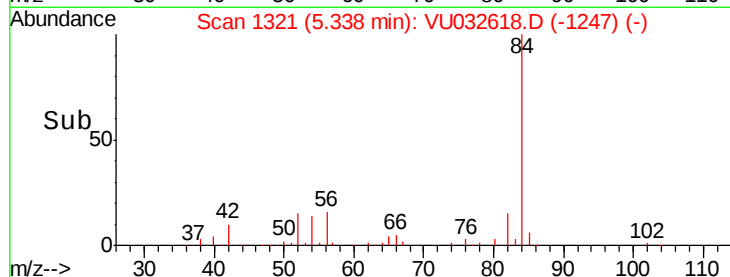
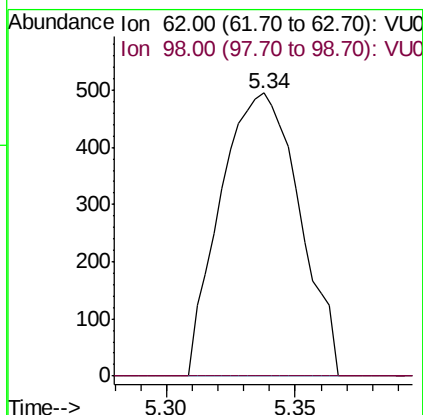
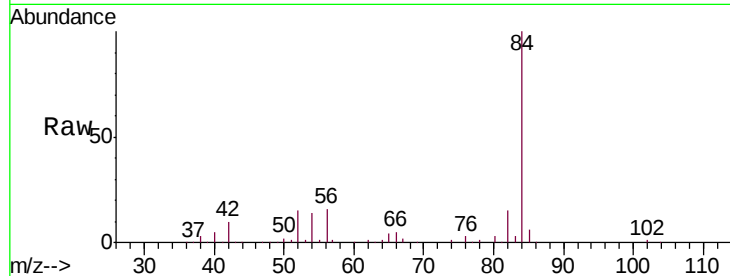




#27
 1,2-Dichloroethane
 Concen: 0.651 ug/L
 RT: 5.34 min Scan# 1321
 Delta R.T. -0.06 min
 Lab File: VU032618.D
 Acq: 11 Jun 2019 18:29

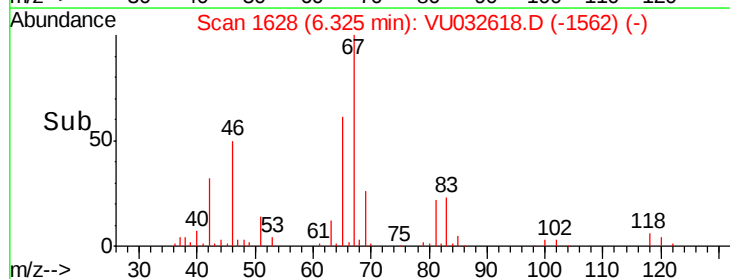
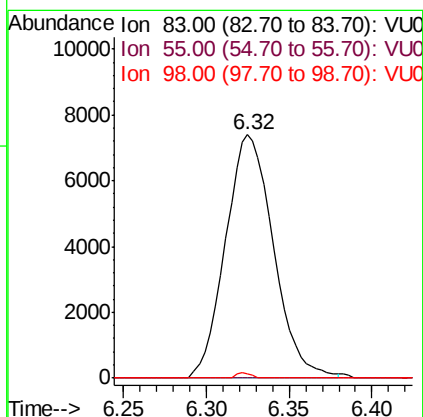
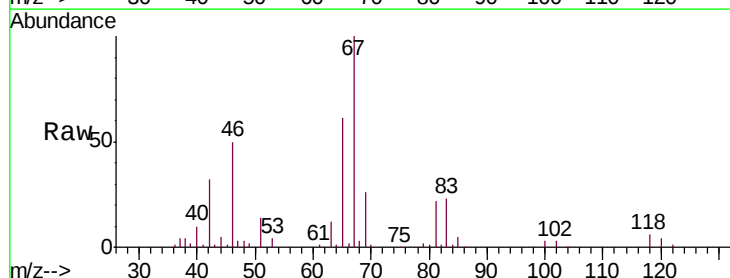
Instrument :
 MSVOA_U
 ClientSampled :
 DB8P5

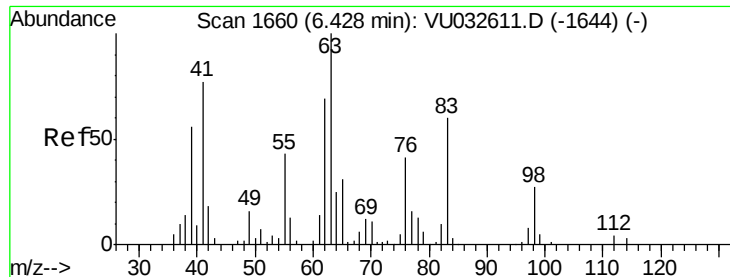
Tgt Ion: 62 Resp: 1056
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#35
 Methylcyclohexane
 Concen: 7.433 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.09 min
 Lab File: VU032618.D
 Acq: 11 Jun 2019 18:29

Tgt Ion: 83 Resp: 14866
 Ion Ratio Lower Upper
 83 100
 55 0.0 60.2 90.4#
 98 0.7 37.4 56.2#

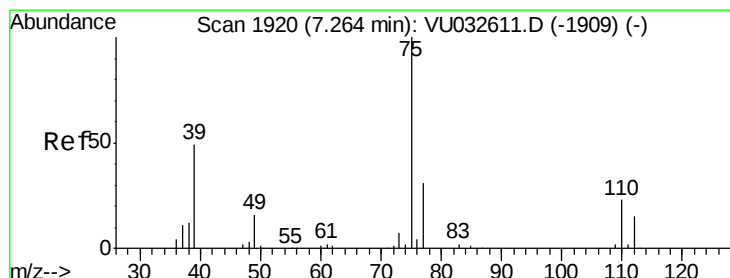
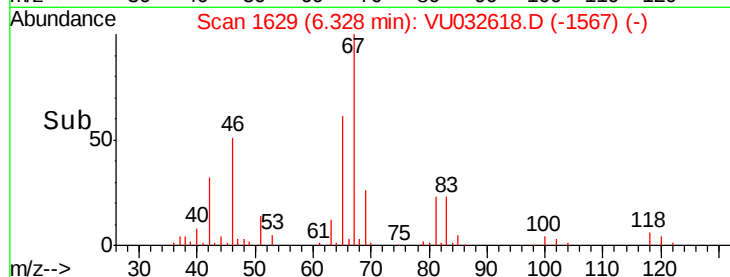
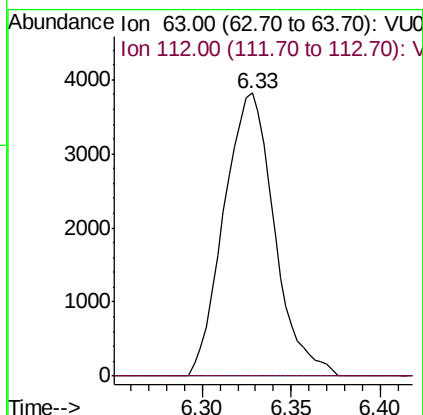
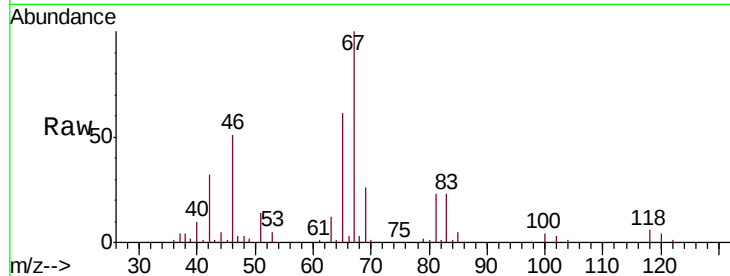




#37
 1,2-Dichloropropane
 Concen: 6.238 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032618.D
 Acq: 11 Jun 2019 18:29

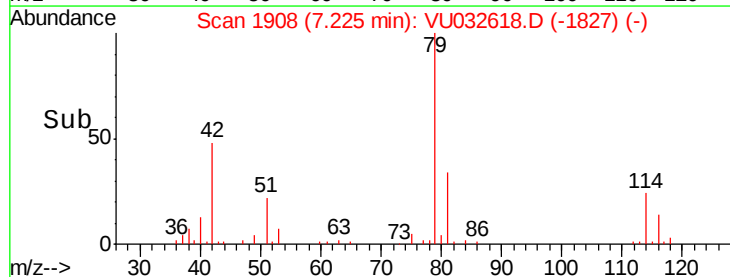
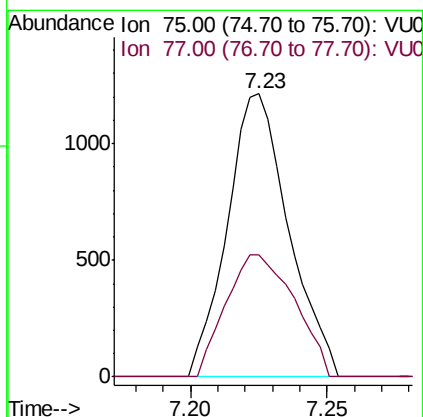
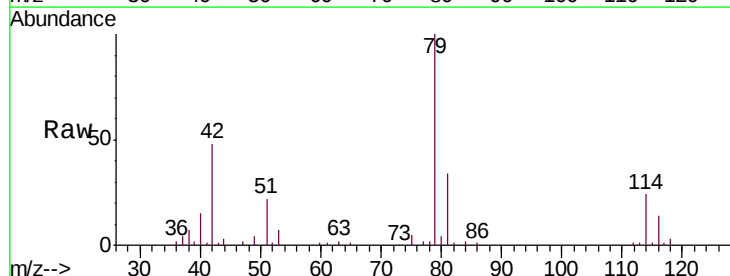
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8P5

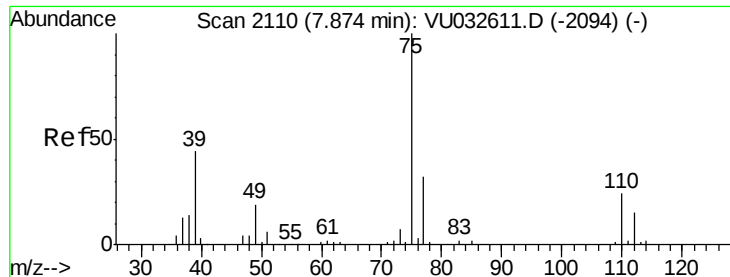
Tgt Ion: 63 Resp: 7509
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.998 ug/L
 RT: 7.23 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032618.D
 Acq: 11 Jun 2019 18:29

Tgt Ion: 75 Resp: 1896
 Ion Ratio Lower Upper
 75 100
 77 43.3 22.0 41.0#

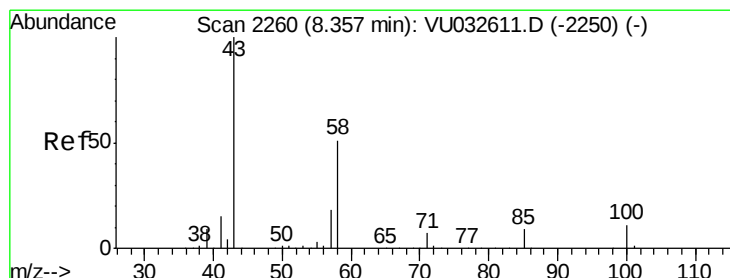
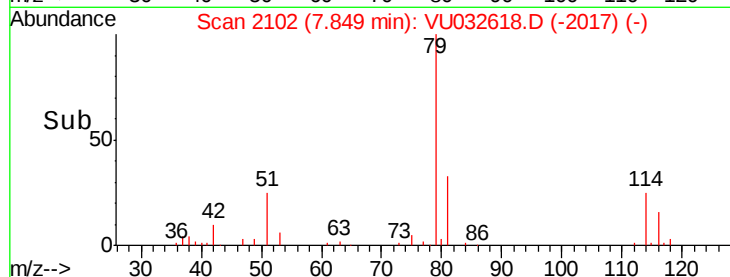
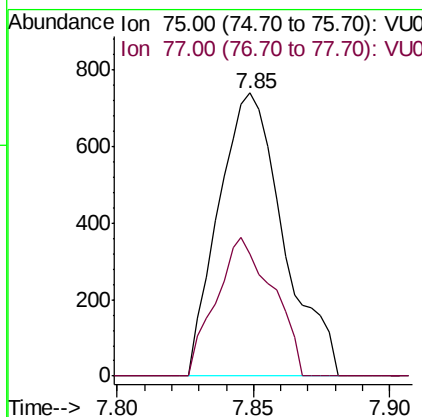
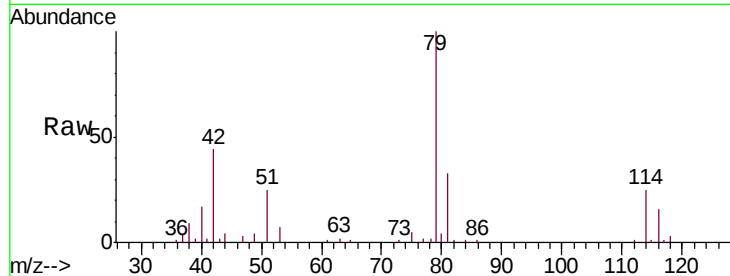




#44
trans-1,3-Dichloropropene
Concen: 0.725 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032618.D
Acq: 11 Jun 2019 18:29

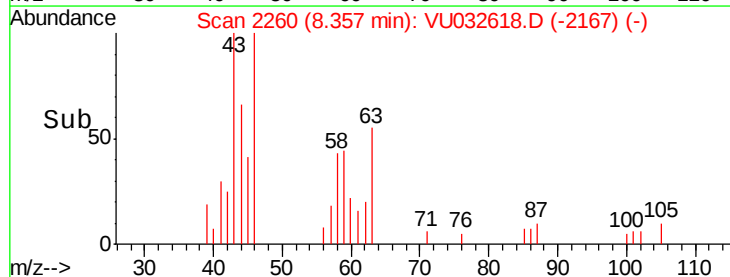
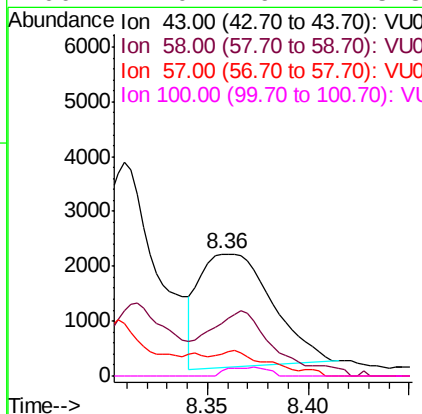
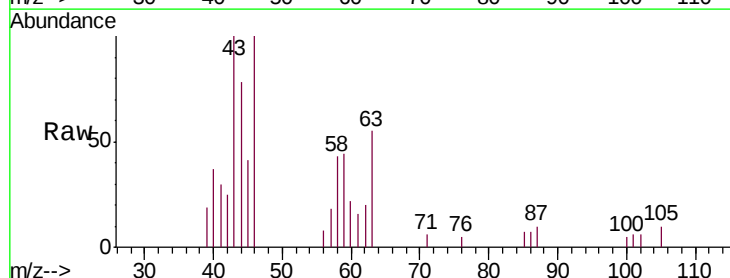
Instrument :
MSVOA_U
ClientSampleId :
DB8P5

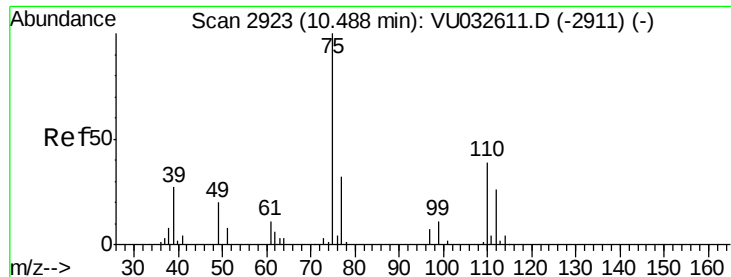
Tgt Ion: 75 Resp: 1222
Ion Ratio Lower Upper
75 100
77 43.3 22.1 41.1#



#48
2-Hexanone
Concen: 3.235 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. 0.00 min
Lab File: VU032618.D
Acq: 11 Jun 2019 18:29

Tgt Ion: 43 Resp: 5146
Ion Ratio Lower Upper
43 100
58 38.1 42.0 63.0#
57 9.1 14.6 22.0#
100 2.0 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 5.803 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032618.D

Acq: 11 Jun 2019 18:29

Instrument :

MSVOA_U

ClientSampleId :

DB8P5

Tgt Ion: 75 Resp: 9081

Ion Ratio Lower Upper

75 100

77 39.6 25.6 38.4#

