

Data File : VU032610.D
Acq On : 11 Jun 2019 15:17
Operator : JC/SP
Sample : K3292-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8P8

Quant Time: Jun 12 05:36:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 05:31:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	172257	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	163677	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	83839	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45688	40.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.76%
7) Chloroethane-d5	1.68	69	39630	44.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.26%
11) 1,1-Dichloroethene-d2	2.27	63	70695	32.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.62%
21) 2-Butanone-d5	4.17	46	92820	99.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.25%
24) Chloroform-d	4.64	84	97736	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
26) 1,2-Dichloroethane-d4	5.30	65	66155	50.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.76%
32) Benzene-d6	5.33	84	195826	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.18%
36) 1,2-Dichloropropane-d6	6.32	67	65201	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.88%
41) Toluene-d8	7.56	98	175902	43.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.32%
43) trans-1,3-Dichloropropene-	7.85	79	30203	47.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.74%
47) 2-Hexanone-d5	8.31	63	56301	87.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	94270	48.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.66%
64) 1,2-Dichlorobenzene-d4	11.85	152	77024	47.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.94%

Target Compounds

					Qvalue
13) Acetone	2.32	43	2860	2.964 ug/L	93
27) 1,2-Dichloroethane	5.33	62	1091	0.662 ug/L #	75
34) Trichloroethene	6.18	95	170891	136.586 ug/L	98
35) Methylcyclohexane	6.32	83	15110	7.460 ug/L #	19
39) cis-1,3-Dichloropropene	7.22	75	1959	1.018 ug/L #	75
44) trans-1,3-Dichloropropene	7.85	75	1439	0.843 ug/L	89
48) 2-Hexanone	8.36	43	4810	2.986 ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	9838	6.208 ug/L	95

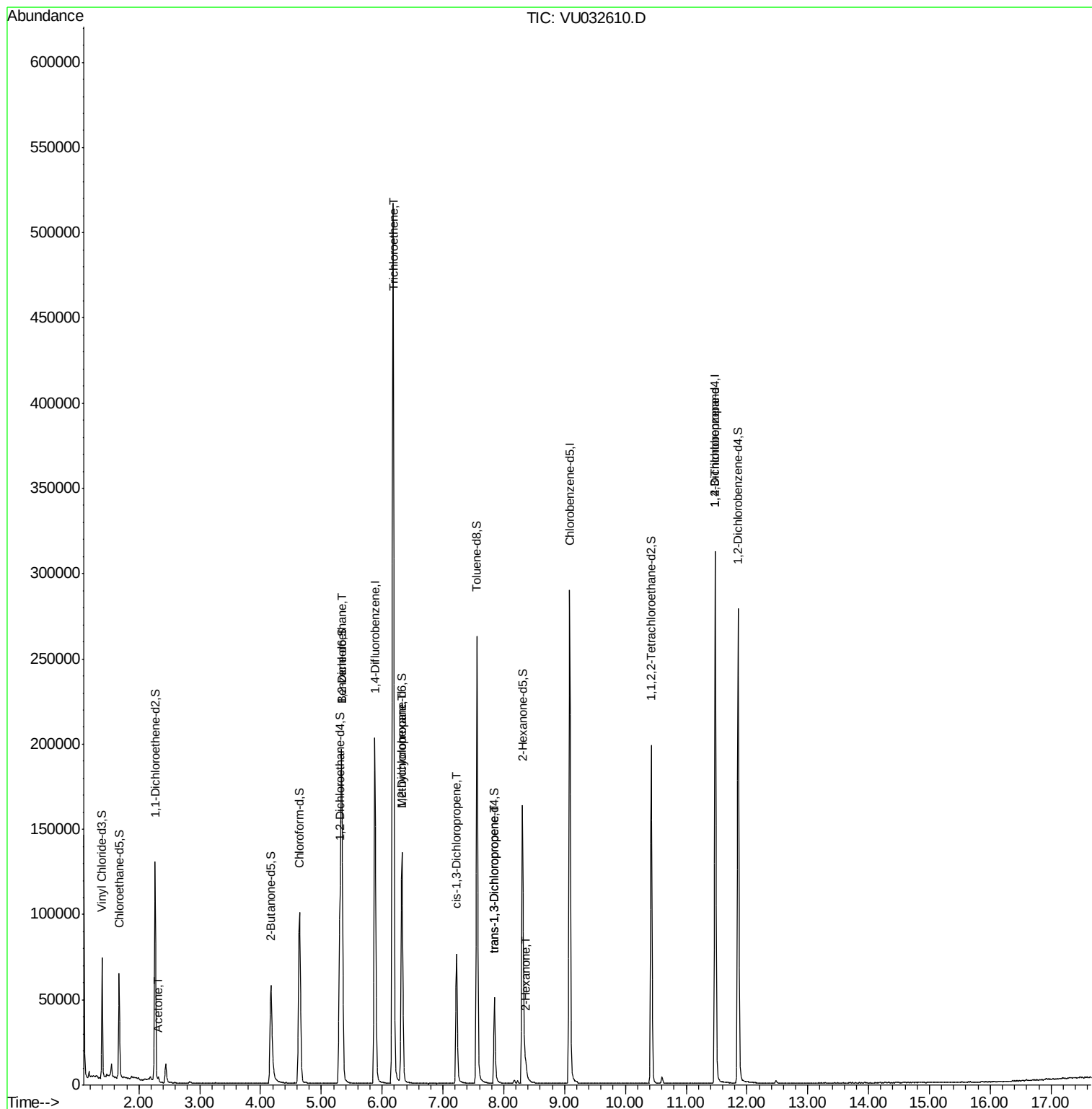
(#) = qualifier out of range (m) = manual integration (+) = signals summed

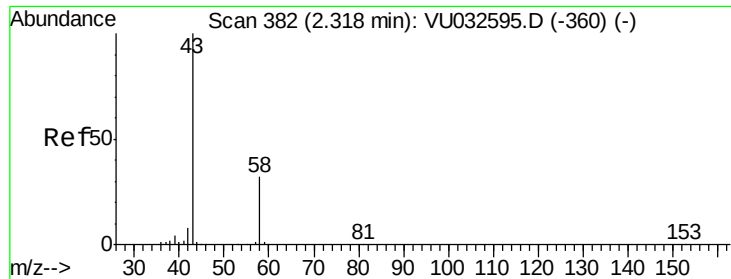
Data File : VU032610.D

```
Acq On       : 11 Jun 2019   15:17
Operator    : JC/SP
Sample      : K3292-07
Misc        : 5.0mL/MSVOA_U/WATER
ALS Vial    : 17   Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
DB8P8

Quant Time: Jun 12 05:36:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 05:31:42 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.964 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032610.D

Acq: 11 Jun 2019 15:17

Instrument :

MSVOA_U

ClientSampleId :

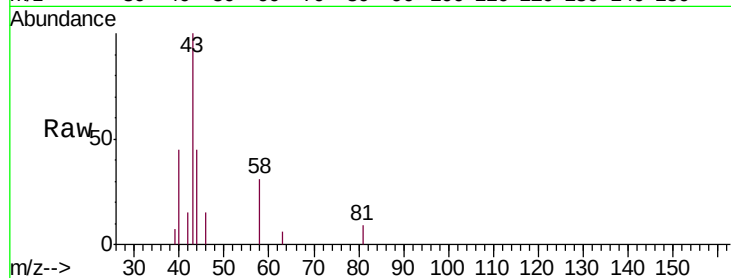
DB8P8

Tgt Ion: 43 Resp: 2860

Ion Ratio Lower Upper

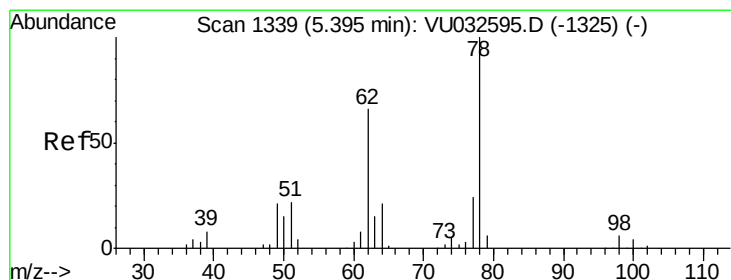
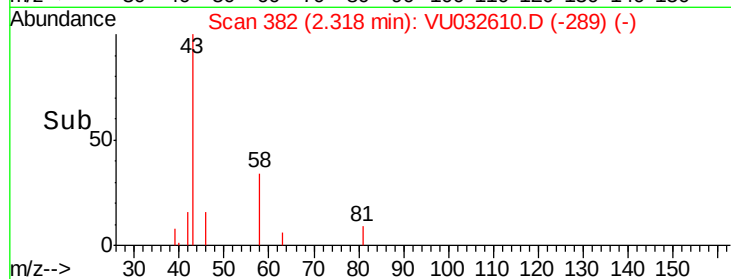
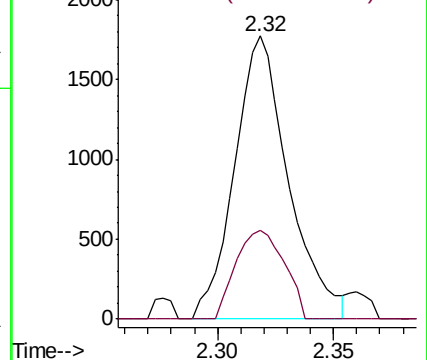
43 100

58 28.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032595.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU032595.D (-360) (-)



#27

1,2-Dichloroethane

Concen: 0.662 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.06 min

Lab File: VU032610.D

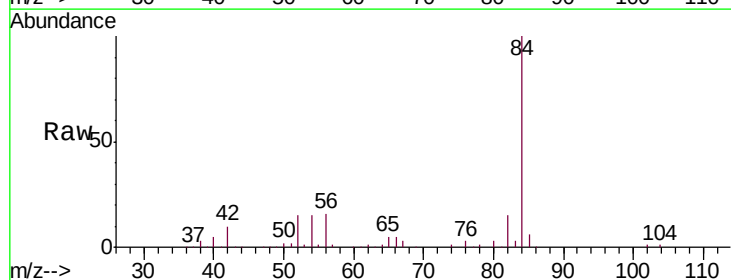
Acq: 11 Jun 2019 15:17

Tgt Ion: 62 Resp: 1091

Ion Ratio Lower Upper

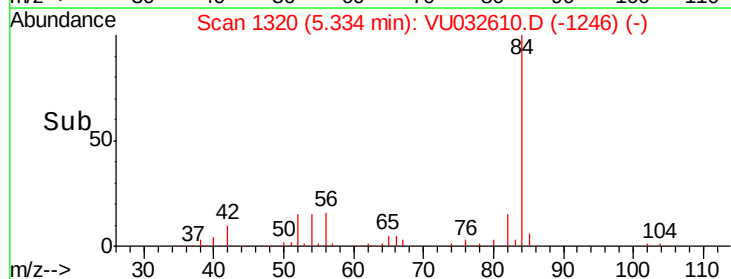
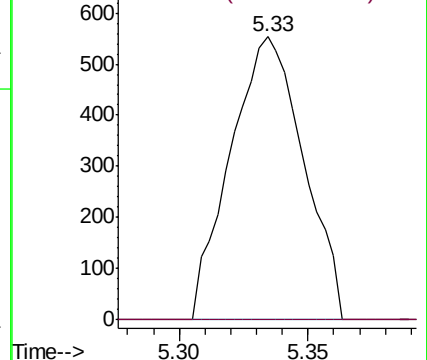
62 100

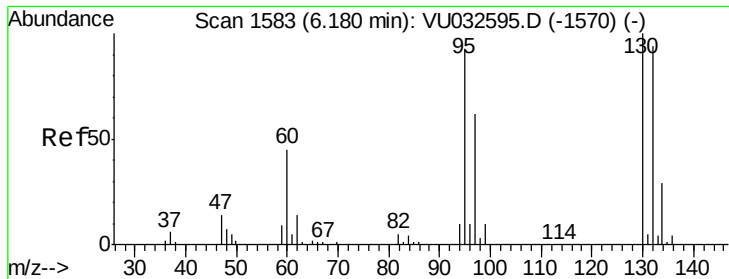
98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032595.D (-1325) (-)

Ion 98.00 (97.70 to 98.70): VU032595.D (-1325) (-)





#34

Trichloroethene

Concen: 136.586 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032610.D

Acq: 11 Jun 2019 15:17

Instrument :

MSVOA_U

ClientSampled :

DB8P8

Tgt Ion: 95 Resp: 170891

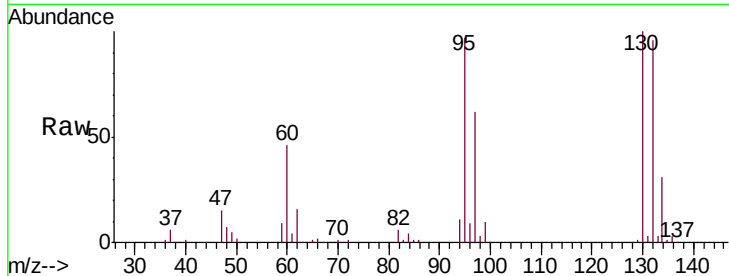
Ion Ratio Lower Upper

95 100

97 64.5 45.8 85.2

132 99.2 71.0 131.8

130 103.5 73.4 136.2

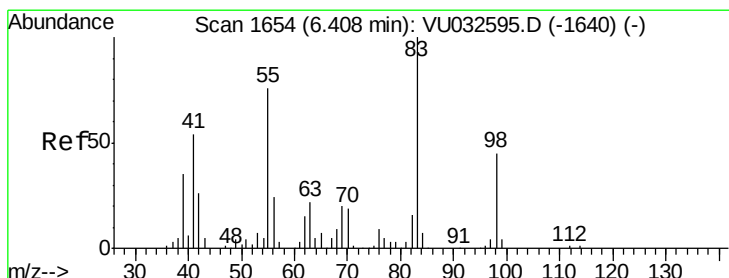
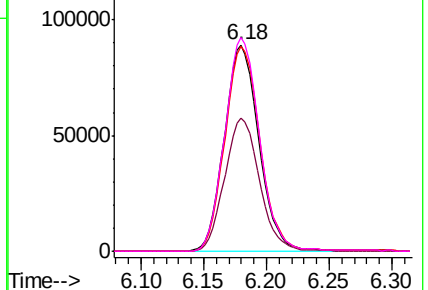
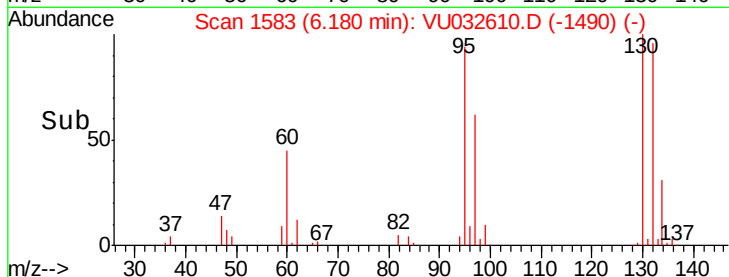


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 7.460 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032610.D

Acq: 11 Jun 2019 15:17

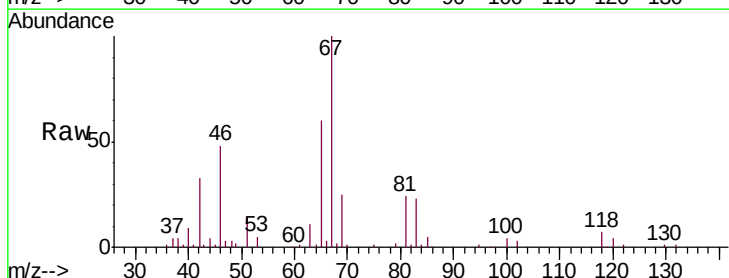
Tgt Ion: 83 Resp: 15110

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

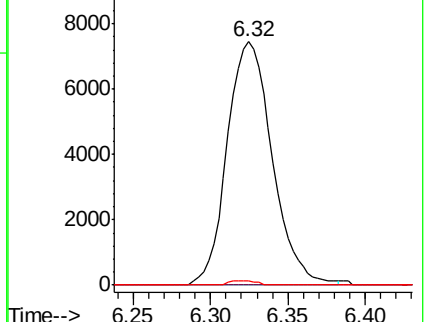
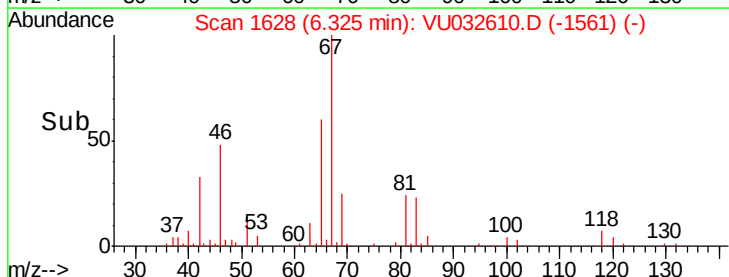
98 0.9 37.4 56.2#

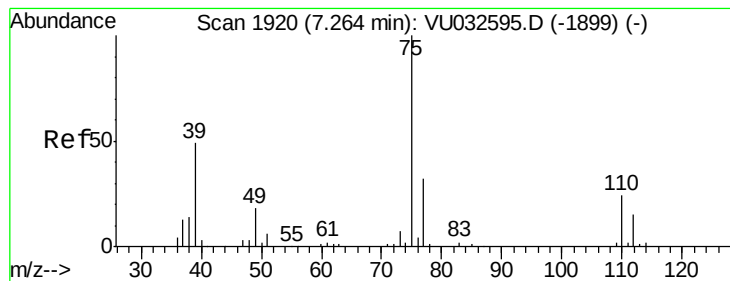


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



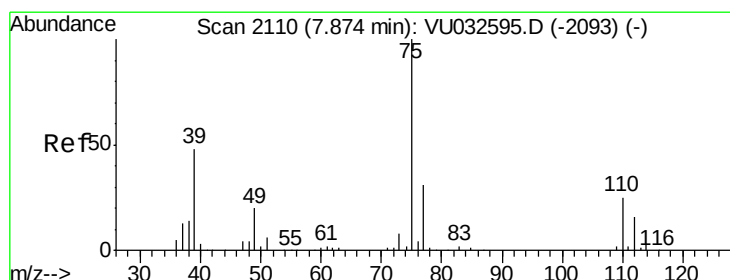
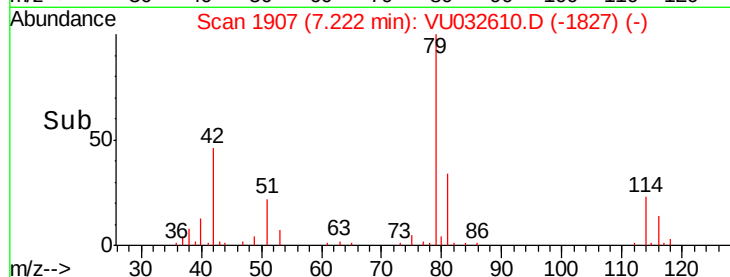
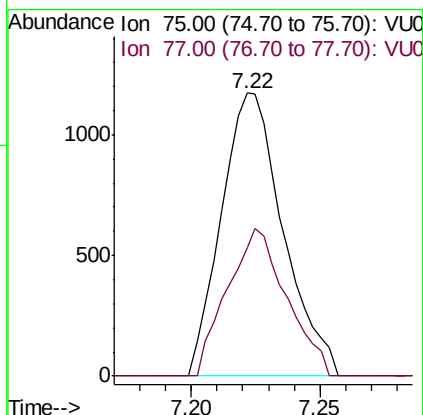
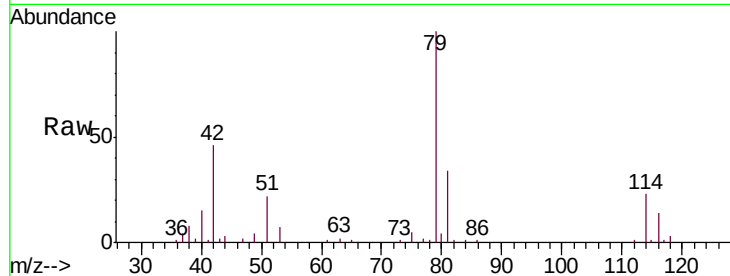


#39

cis-1,3-Dichloropropene
Concen: 1.018 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032610.D
Acq: 11 Jun 2019 15:17

Instrument :
MSVOA_U
ClientSampleId :
DB8P8

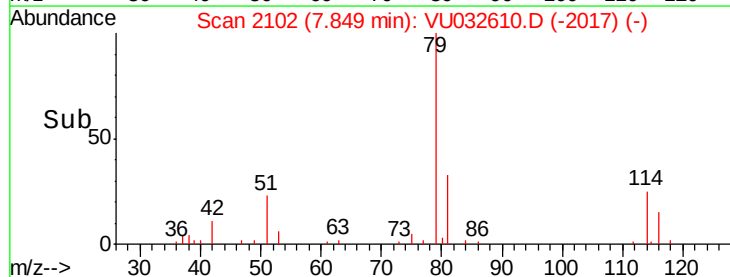
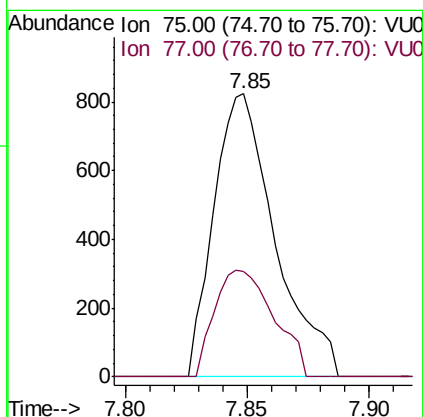
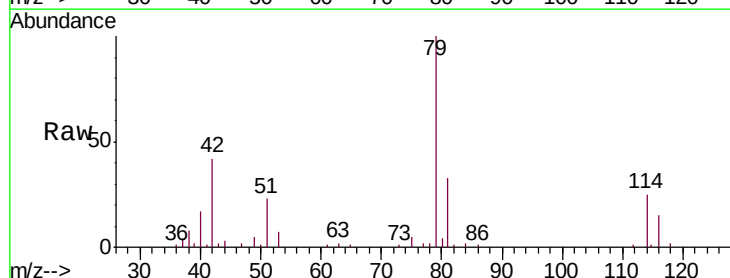
Tgt Ion: 75 Resp: 1959
Ion Ratio Lower Upper
75 100
77 45.5 22.0 41.0#

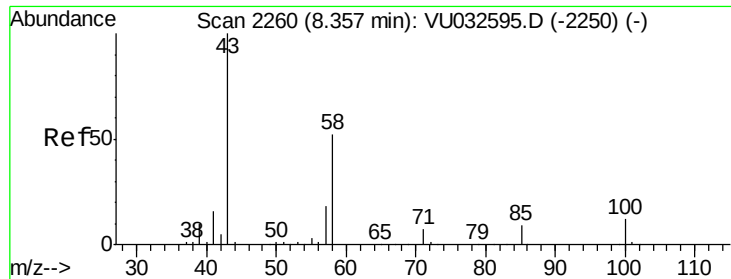


#44

trans-1,3-Dichloropropene
Concen: 0.843 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032610.D
Acq: 11 Jun 2019 15:17

Tgt Ion: 75 Resp: 1439
Ion Ratio Lower Upper
75 100
77 37.4 22.1 41.1

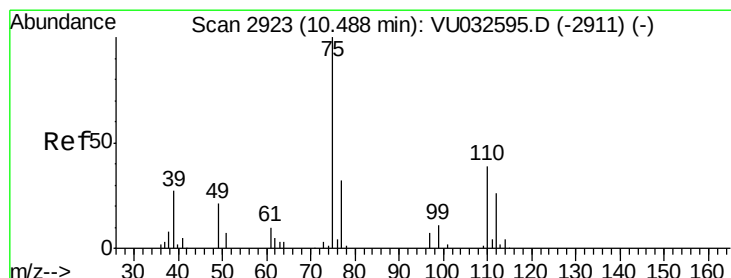
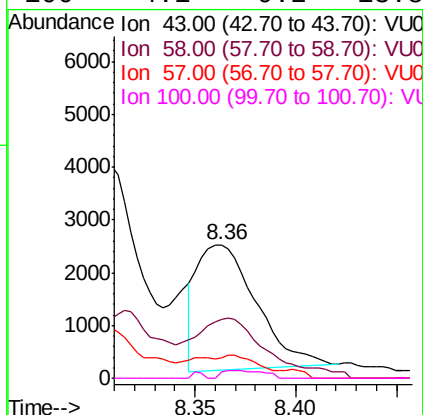
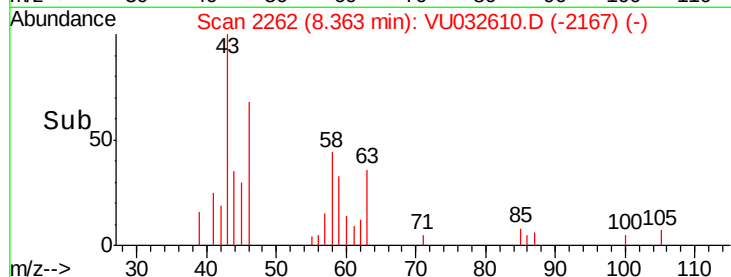
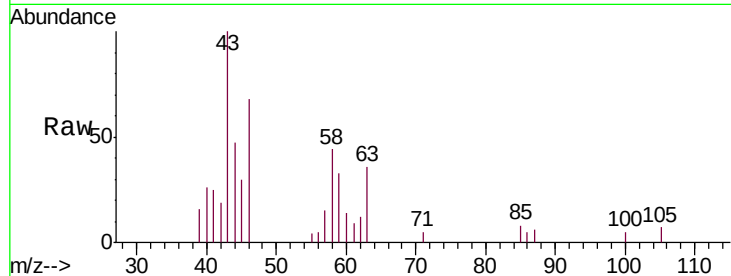




#48
2-Hexanone
Concen: 2.986 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032610.D
Acq: 11 Jun 2019 15:17

Instrument :
MSVOA_U
ClientSampleId :
DB8P8

Tgt Ion: 43 Resp: 4810
Ion Ratio Lower Upper
43 100
58 37.6 42.0 63.0#
57 7.5 14.6 22.0#
100 4.1 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.208 ug/L
RT: 11.48 min Scan# 3230
Delta R.T. 0.99 min
Lab File: VU032610.D
Acq: 11 Jun 2019 15:17

Tgt Ion: 75 Resp: 9838
Ion Ratio Lower Upper
75 100
77 34.9 25.6 38.4

