

Data File : VU032631.D
Acq On : 11 Jun 2019 23:28
Operator : JC/SP
Sample : K3293-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8R4

Quant Time: Jun 12 07:34:32 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	164839	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	154146	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	77670	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	40336	37.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.44%
7) Chloroethane-d5	1.68	69	36283	42.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.44%
11) 1,1-Dichloroethene-d2	2.27	63	66415	31.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.44%
21) 2-Butanone-d5	4.17	46	93188	104.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.12%
24) Chloroform-d	4.64	84	96507	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.76%
26) 1,2-Dichloroethane-d4	5.31	65	65122	51.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.66%
32) Benzene-d6	5.33	84	187528	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
36) 1,2-Dichloropropane-d6	6.32	67	61744	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.42%
41) Toluene-d8	7.56	98	171405	45.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.34%
43) trans-1,3-Dichloropropene-	7.85	79	27093	45.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.24%
47) 2-Hexanone-d5	8.31	63	51786	85.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	91704	50.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	73379	49.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.64%

Target Compounds

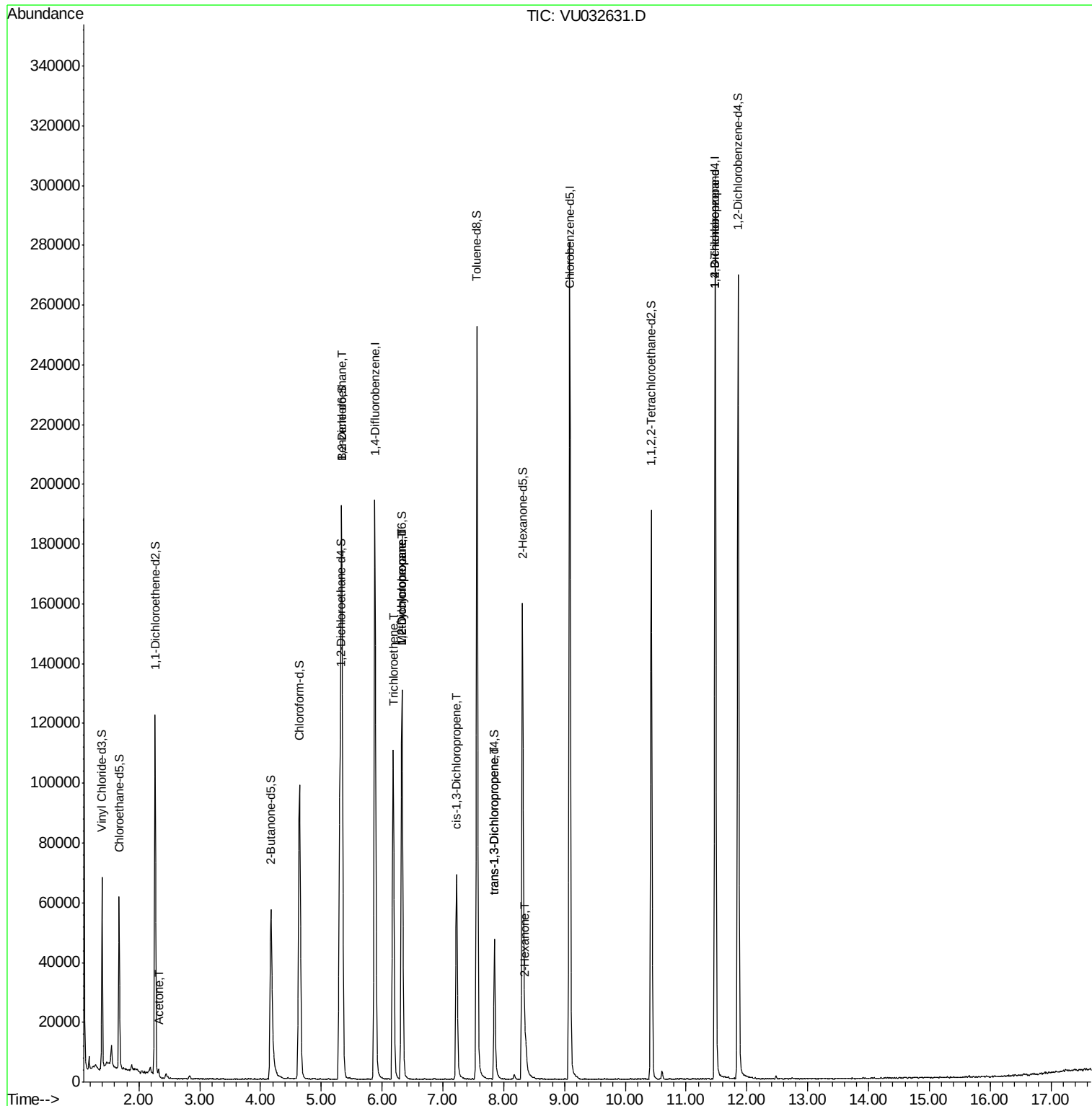
					Qvalue
13) Acetone	2.32	43	2409	2.609 ug/L	94
27) 1,2-Dichloroethane	5.33	62	1198	0.760 ug/L #	75
34) Trichloroethene	6.18	95	36744	31.184 ug/L	96
35) Methylcyclohexane	6.32	83	14232	7.461 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7136	6.216 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1781	0.983 ug/L #	61
44) trans-1,3-Dichloropropene	7.85	75	1237	0.769 ug/L	98
48) 2-Hexanone	8.36	43	5018	3.308 ug/L #	92
59) 1,2,3-Trichloropropane	11.48	75	9394	6.294 ug/L	94

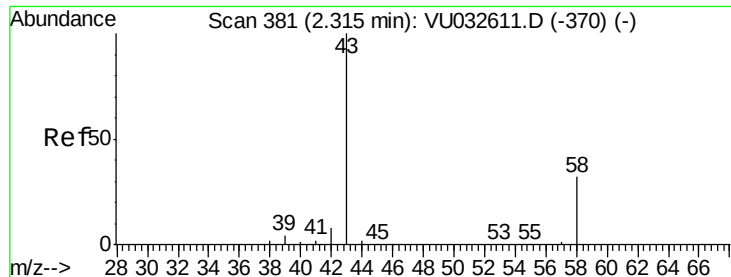
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.609 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032631.D

Acq: 11 Jun 2019 23:28

Instrument :

MSVOA_U

ClientSampled :

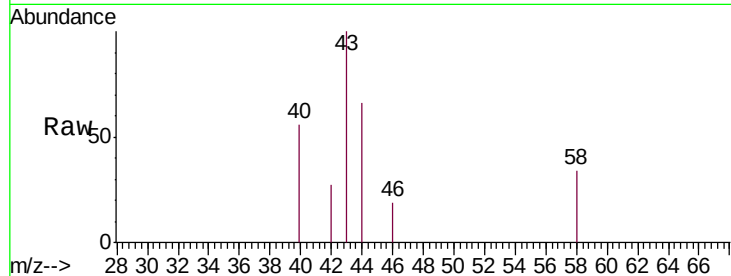
DB8R4

Tgt Ion: 43 Resp: 2409

Ion Ratio Lower Upper

43 100

58 28.5 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032631.D (-370) (-)

Ion 58.00 (57.70 to 58.70): VU032631.D (-370) (-)

2.32

1500

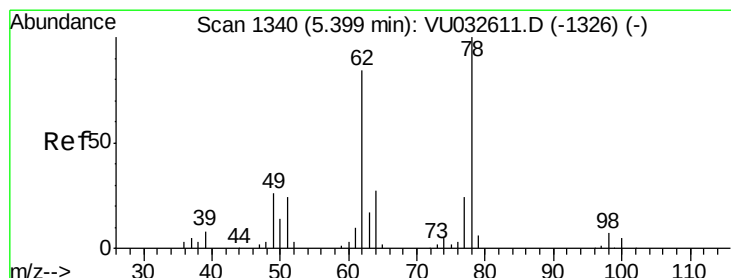
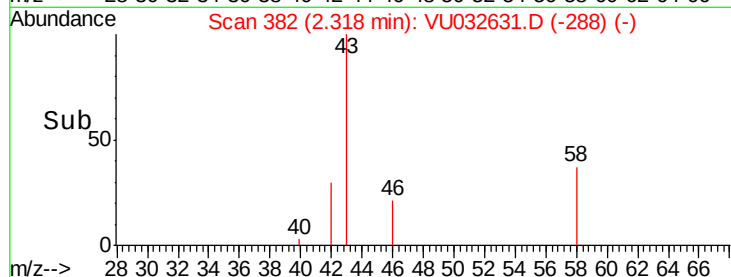
1000

500

0

2.30 2.35

Time-->



#27

1,2-Dichloroethane

Concen: 0.760 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.06 min

Lab File: VU032631.D

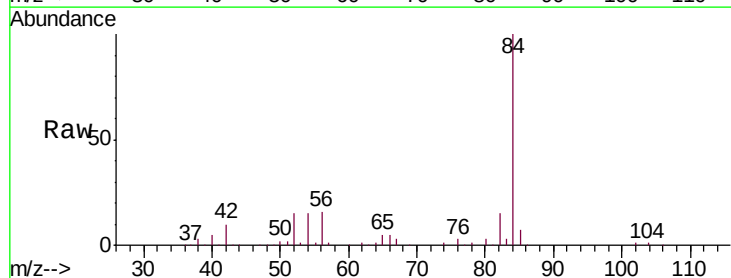
Acq: 11 Jun 2019 23:28

Tgt Ion: 62 Resp: 1198

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032631.D (-1247) (-)

Ion 98.00 (97.70 to 98.70): VU032631.D (-1247) (-)

5.33

600

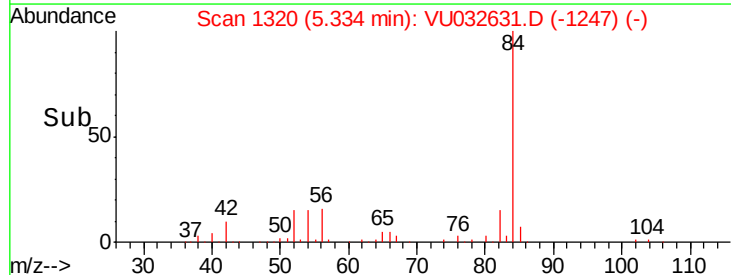
400

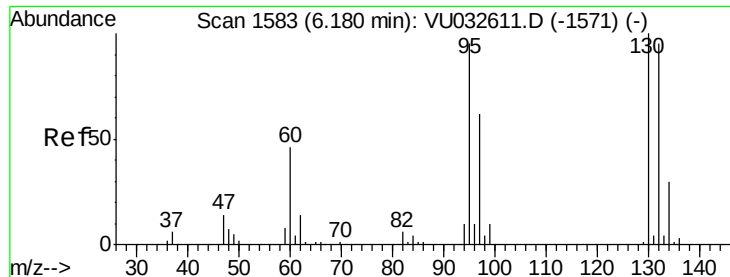
200

0

5.30 5.35

Time-->

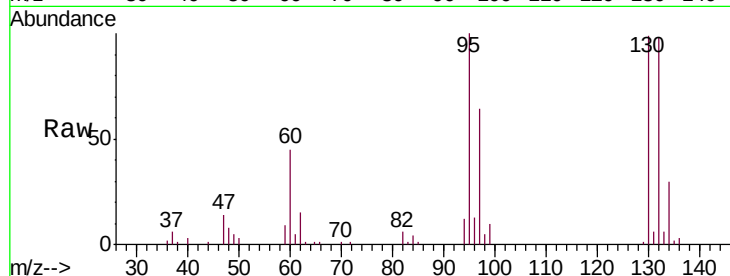




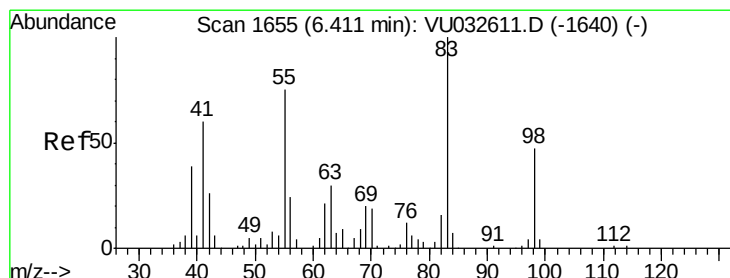
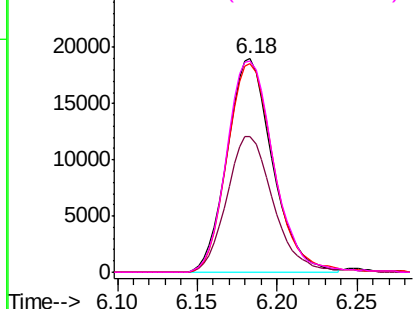
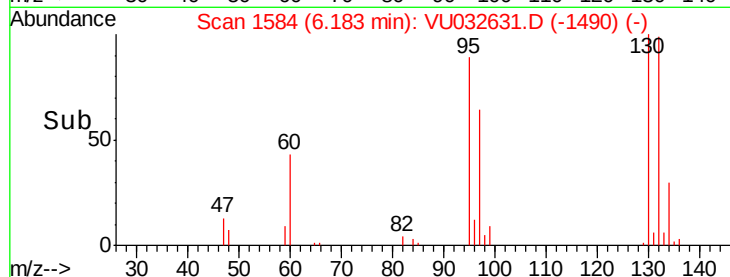
#34
 Trichloroethene
 Concen: 31.184 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU032631.D
 Acq: 11 Jun 2019 23:28

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8R4

Tgt Ion: 95 Resp: 36744
 Ion Ratio Lower Upper
 95 100
 97 63.5 45.8 85.2
 132 97.9 71.0 131.8
 130 98.8 73.4 136.2

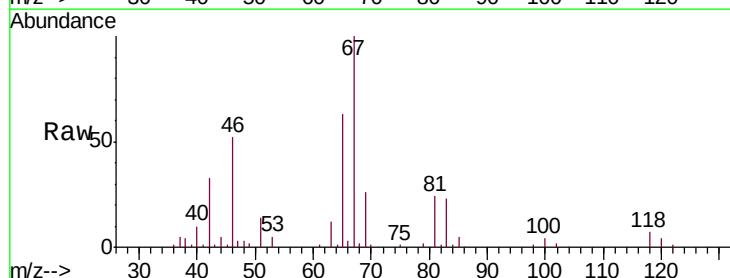


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

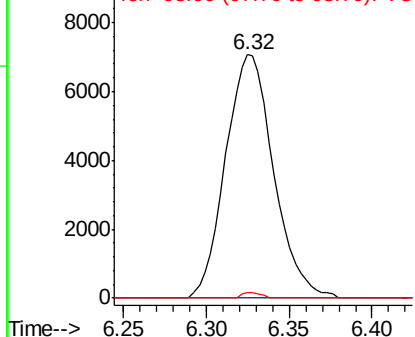
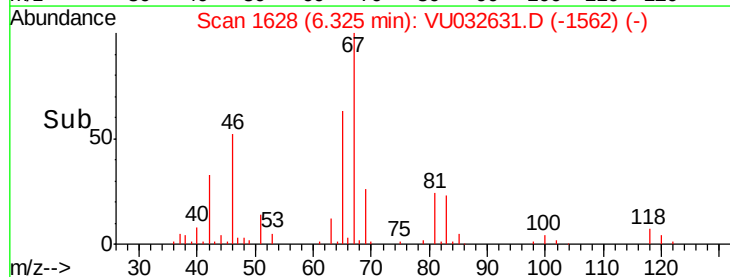


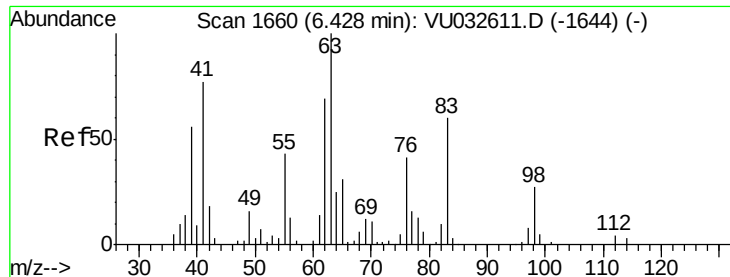
#35
 Methylcyclohexane
 Concen: 7.461 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.09 min
 Lab File: VU032631.D
 Acq: 11 Jun 2019 23:28

Tgt Ion: 83 Resp: 14232
 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

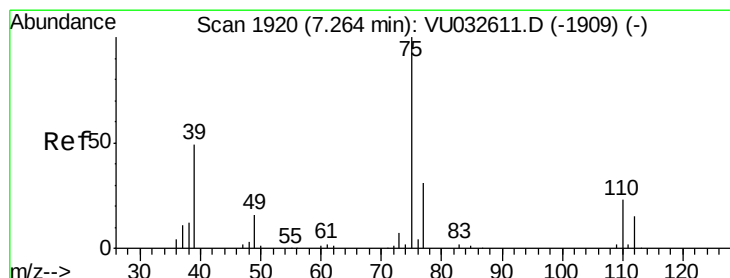
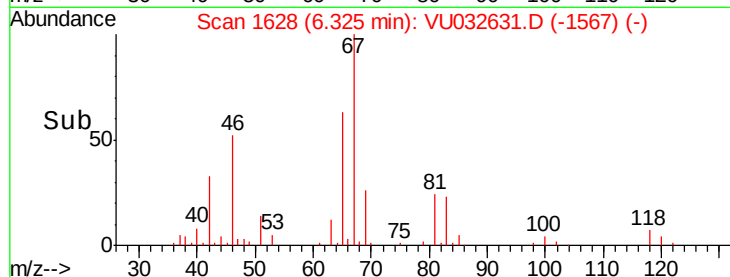
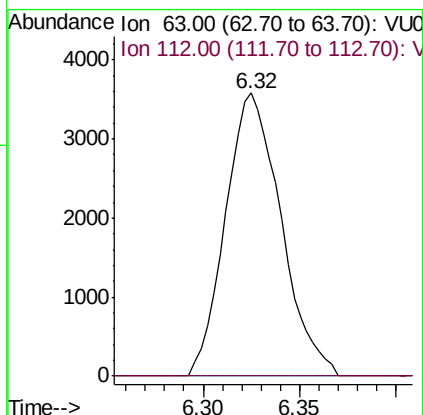
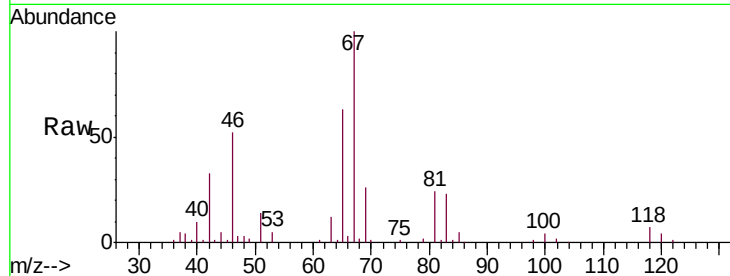




#37
 1,2-Dichloropropane
 Concen: 6.216 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032631.D
 Acq: 11 Jun 2019 23:28

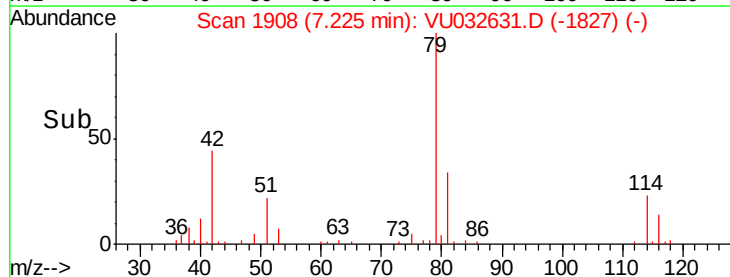
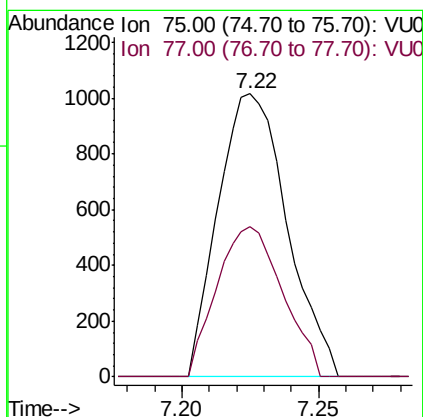
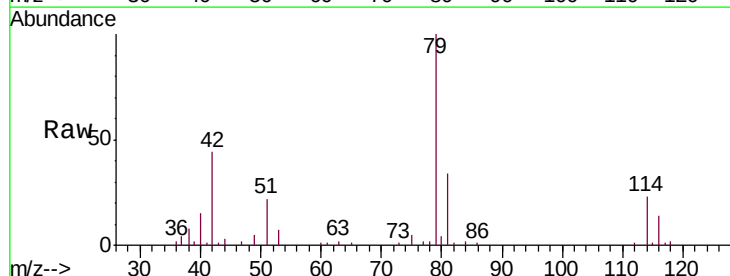
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8R4

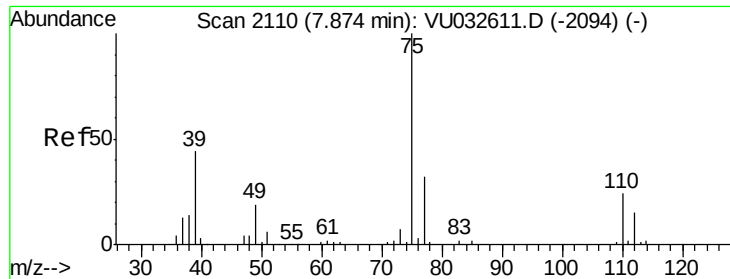
Tgt Ion: 63 Resp: 7136
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.983 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032631.D
 Acq: 11 Jun 2019 23:28

Tgt Ion: 75 Resp: 1781
 Ion Ratio Lower Upper
 75 100
 77 53.3 22.0 41.0#





#44

trans-1,3-Dichloropropene

Concen: 0.769 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032631.D

Acq: 11 Jun 2019 23:28

Instrument :

MSVOA_U

ClientSampleId :

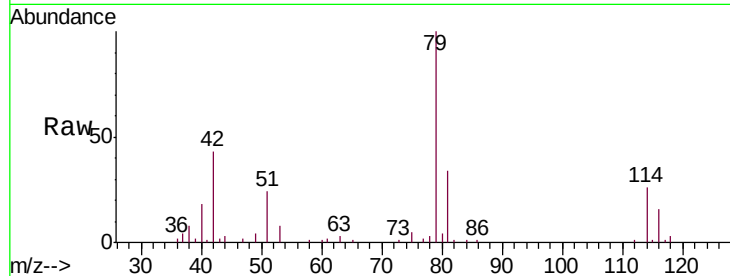
DB8R4

Tgt Ion: 75 Resp: 1237

Ion Ratio Lower Upper

75 100

77 32.7 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU032631.D (-2102) (-)

Ion 77.00 (76.70 to 77.70): VU032631.D (-2102) (-)

7.85

800

600

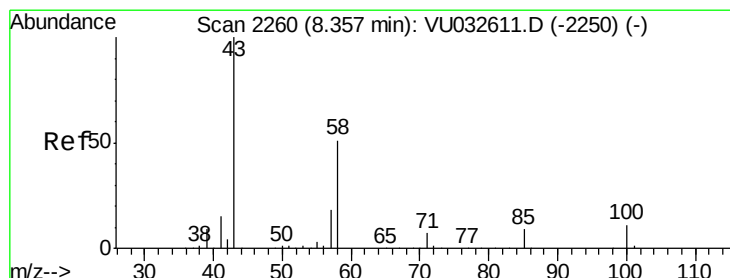
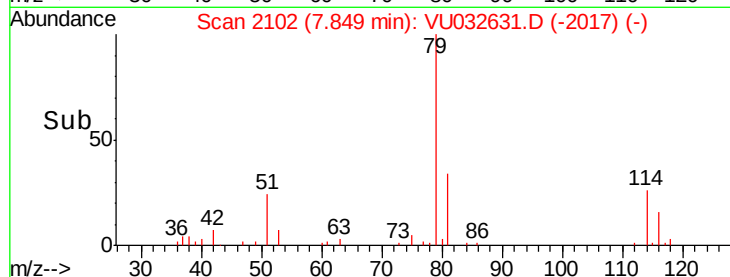
400

200

0

7.80 7.82 7.84 7.86 7.88

Time-->



#48

2-Hexanone

Concen: 3.308 ug/L

RT: 8.36 min Scan# 2260

Delta R.T. 0.00 min

Lab File: VU032631.D

Acq: 11 Jun 2019 23:28

Tgt Ion: 43 Resp: 5018

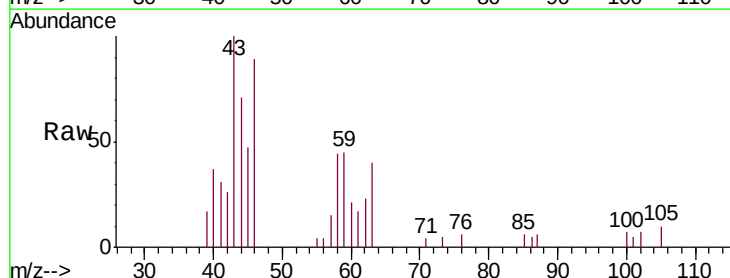
Ion Ratio Lower Upper

43 100

58 56.7 42.0 63.0

57 13.0 14.6 22.0#

100 6.9 9.2 13.8#



Abundance Ion 43.00 (42.70 to 43.70): VU032631.D (-2167) (-)

Ion 58.00 (57.70 to 58.70): VU032631.D (-2167) (-)

Ion 57.00 (56.70 to 57.70): VU032631.D (-2167) (-)

Ion 100.00 (99.70 to 100.70): VU032631.D (-2167) (-)

6000

5000

4000

3000

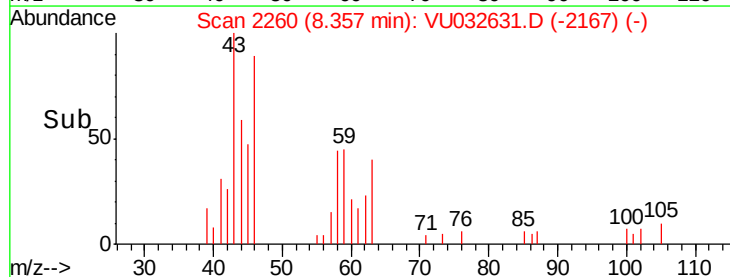
2000

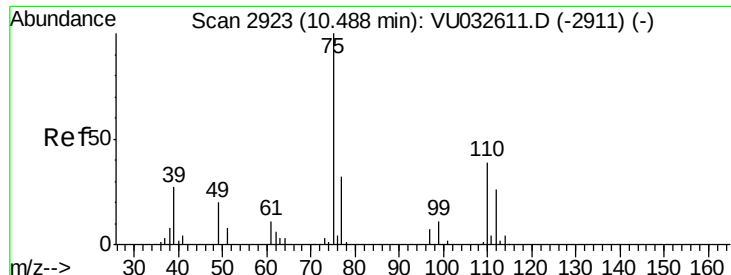
1000

0

8.35 8.36 8.40 8.45

Time-->





#59

1,2,3-Trichloropropane

Concen: 6.294 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032631.D

Acq: 11 Jun 2019 23:28

Instrument :

MSVOA_U

ClientSampleId :

DB8R4

Tgt Ion: 75 Resp: 9394

Ion Ratio Lower Upper

75 100

77 35.4 25.6 38.4

