

Data File : VU032624.D
Acq On : 11 Jun 2019 20:47
Operator : JC/SP
Sample : K3293-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8Q6

Quant Time: Jun 12 07:33:37 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	163614	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	155849	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	77799	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41622	39.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.42%
7) Chloroethane-d5	1.68	69	37199	43.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.22%
11) 1,1-Dichloroethene-d2	2.27	63	67493	32.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.94%
21) 2-Butanone-d5	4.17	46	90706	102.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.11%
24) Chloroform-d	4.64	84	95824	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.30	65	63518	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.86%
32) Benzene-d6	5.33	84	188835	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
36) 1,2-Dichloropropane-d6	6.32	67	62191	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.04%
41) Toluene-d8	7.56	98	171890	44.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.62%
43) trans-1,3-Dichloropropene-	7.85	79	28674	47.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.46%
47) 2-Hexanone-d5	8.31	63	50473	82.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93936	51.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	74094	49.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.44%

Target Compounds

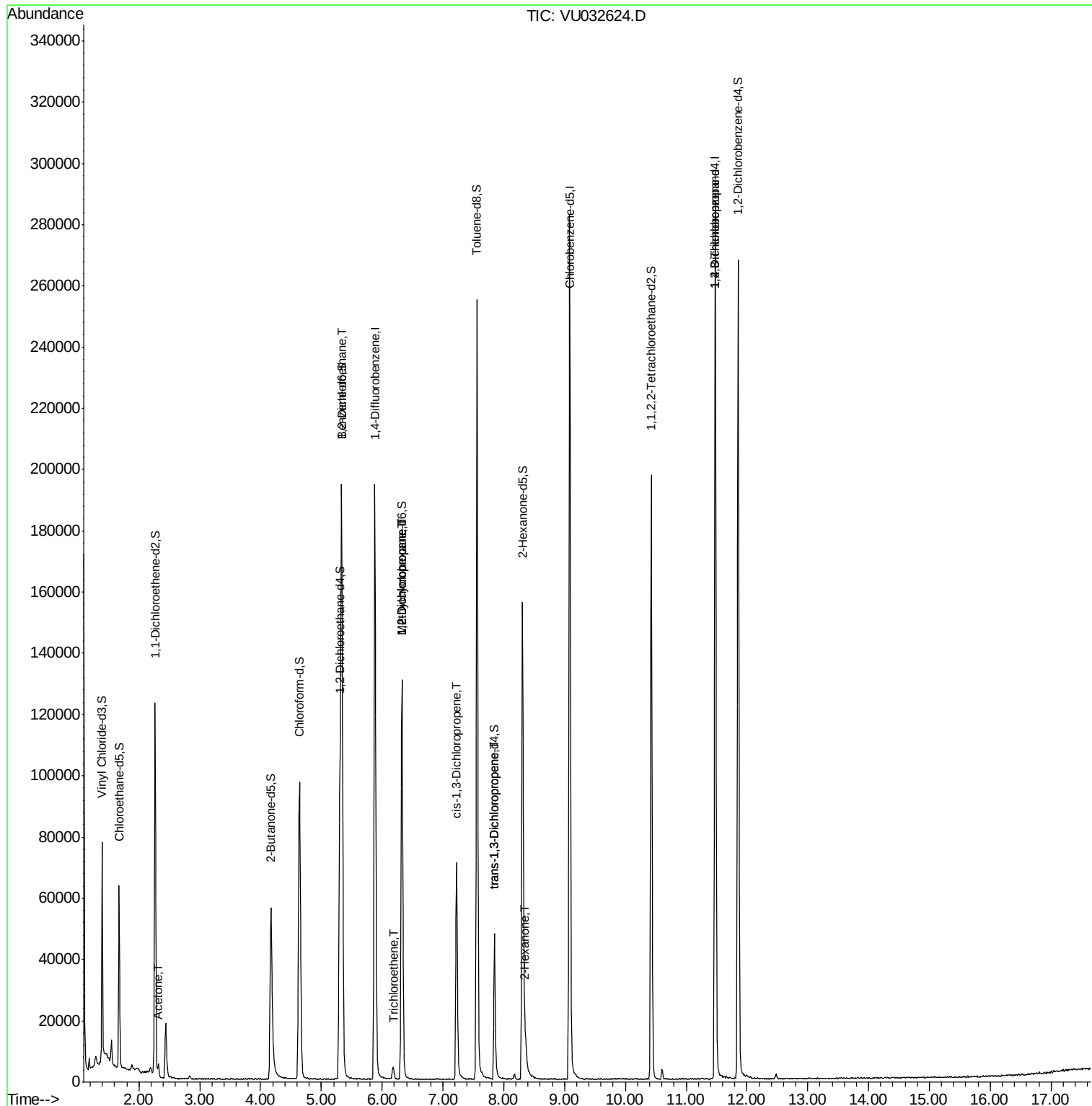
					Qvalue
13) Acetone	2.32	43	4087	4.459 ug/L	86
27) 1,2-Dichloroethane	5.33	62	948	0.606 ug/L #	75
34) Trichloroethene	6.19	95	710	0.596 ug/L #	76
35) Methylcyclohexane	6.32	83	14567	7.553 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	7002	6.032 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1766	0.964 ug/L #	58
44) trans-1,3-Dichloropropene	7.85	75	1276	0.785 ug/L	90
48) 2-Hexanone	8.36	43	5373	3.503 ug/L #	91
59) 1,2,3-Trichloropropane	11.48	75	9307	6.168 ug/L	93

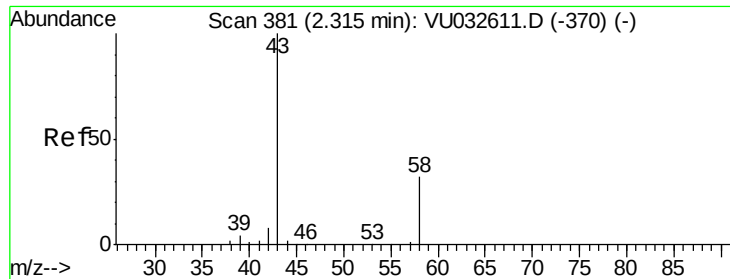
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.459 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032624.D

Acq: 11 Jun 2019 20:47

Instrument :

MSVOA_U

ClientSampled :

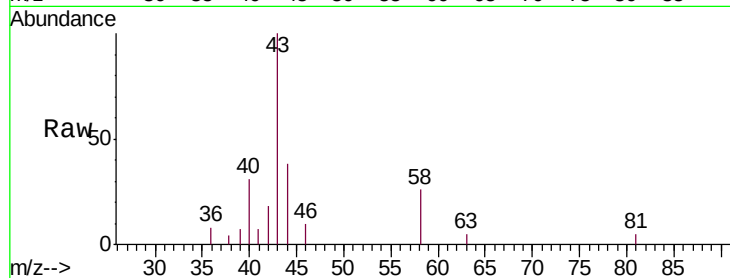
DB8Q6

Tgt Ion: 43 Resp: 4087

Ion Ratio Lower Upper

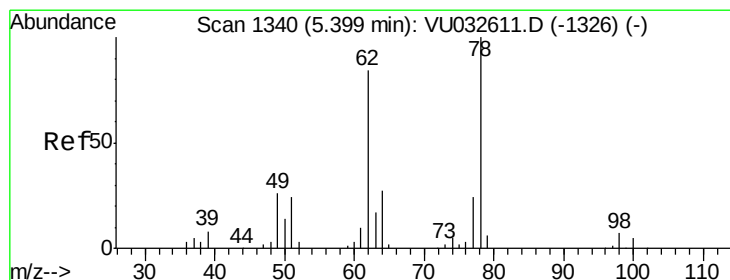
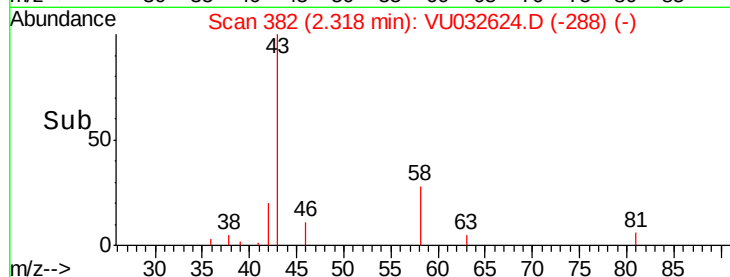
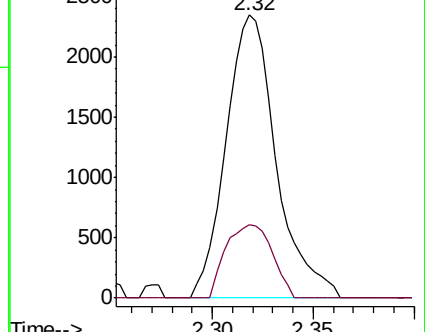
43 100

58 24.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032611.D (-370) (-)

Ion 58.00 (57.70 to 58.70): VU032611.D (-370) (-)



#27

1,2-Dichloroethane

Concen: 0.606 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.06 min

Lab File: VU032624.D

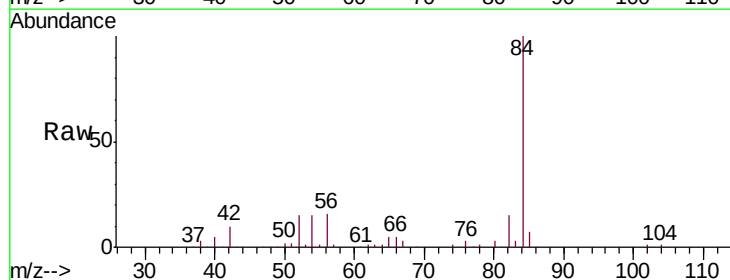
Acq: 11 Jun 2019 20:47

Tgt Ion: 62 Resp: 948

Ion Ratio Lower Upper

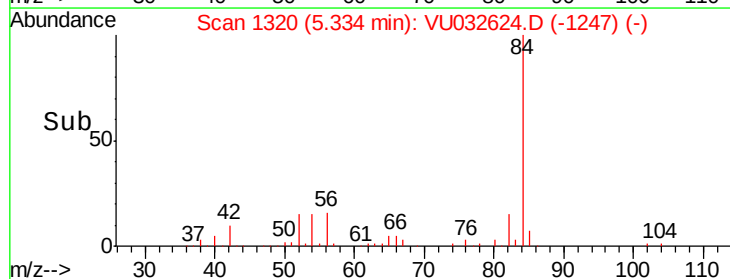
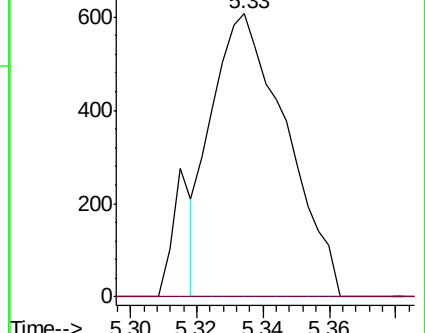
62 100

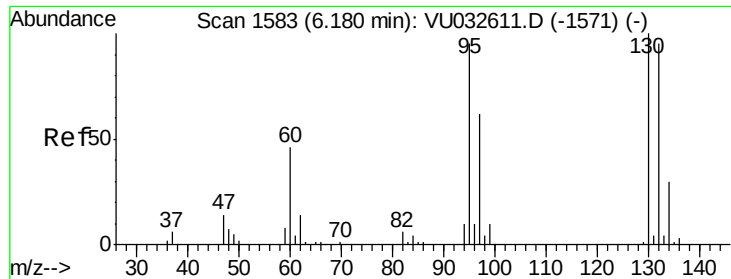
98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032611.D (-1326) (-)

Ion 98.00 (97.70 to 98.70): VU032611.D (-1326) (-)





#34

Trichloroethene

Concen: 0.596 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU032624.D

Acq: 11 Jun 2019 20:47

Instrument :

MSVOA_U

ClientSampleId :

DB8Q6

Tgt Ion: 95 Resp: 710

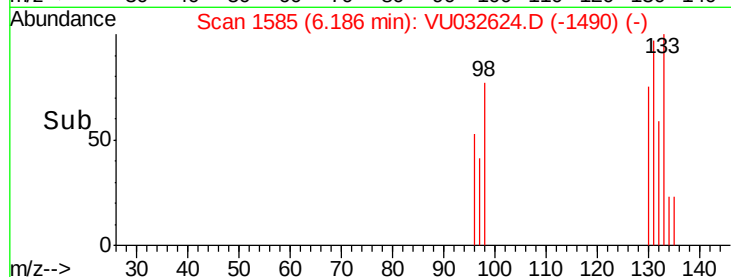
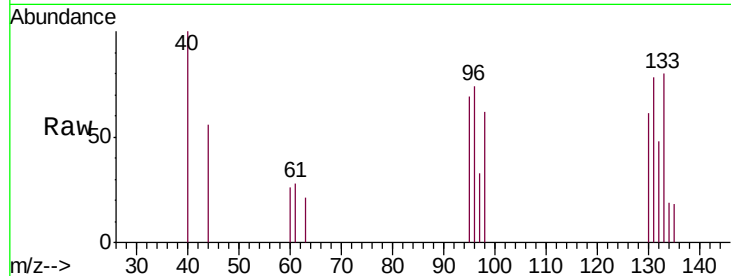
Ion Ratio Lower Upper

95 100

97 47.9 45.8 85.2

132 68.5 71.0 131.8#

130 87.3 73.4 136.2

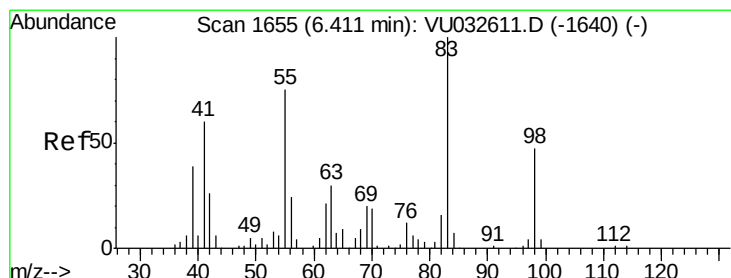
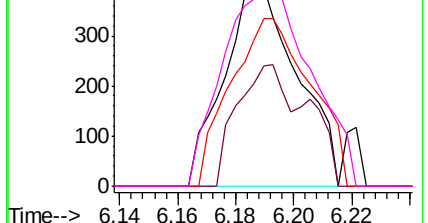


Abundance Ion 95.00 (94.70 to 95.70): VU032611.D (-1571) (-)

Ion 97.00 (96.70 to 97.70): VU032611.D (-1571) (-)

Ion 132.00 (131.70 to 132.70): VU032611.D (-1571) (-)

Ion 130.00 (129.70 to 130.70): VU032611.D (-1571) (-)



#35

Methylcyclohexane

Concen: 7.553 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.09 min

Lab File: VU032624.D

Acq: 11 Jun 2019 20:47

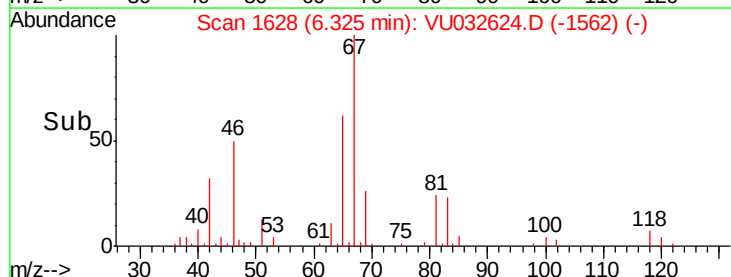
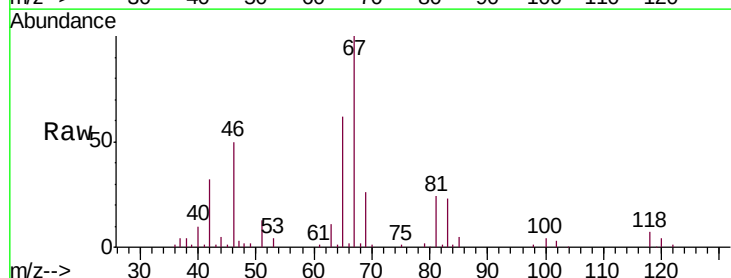
Tgt Ion: 83 Resp: 14567

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

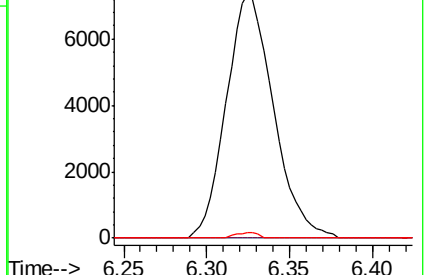
98 1.1 37.4 56.2#

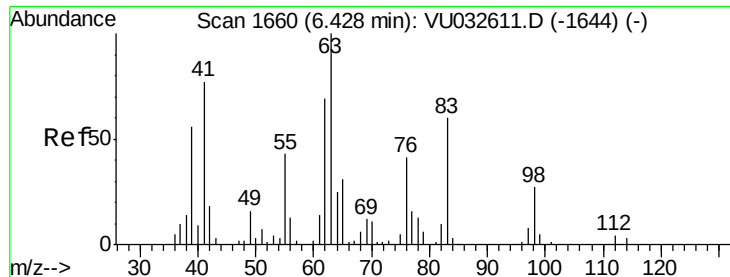


Abundance Ion 83.00 (82.70 to 83.70): VU032611.D (-1640) (-)

Ion 55.00 (54.70 to 55.70): VU032611.D (-1640) (-)

Ion 98.00 (97.70 to 98.70): VU032611.D (-1640) (-)

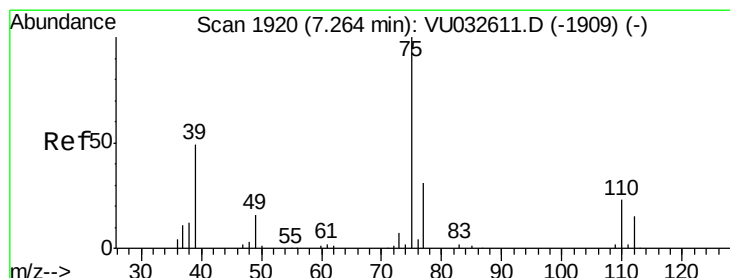
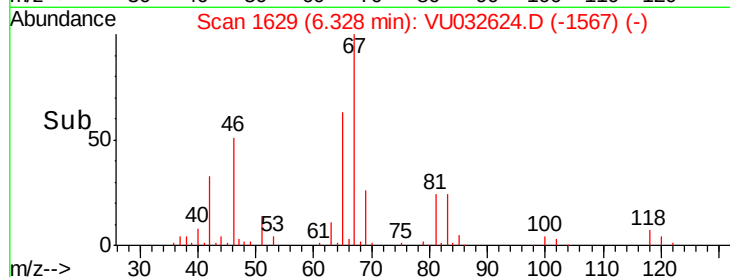
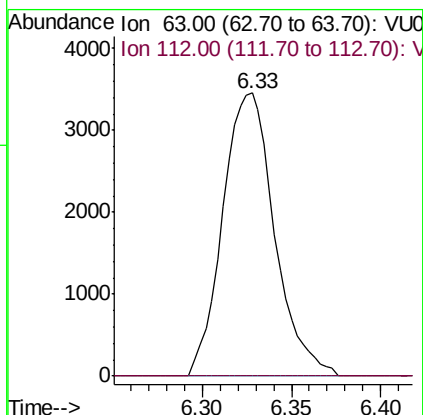
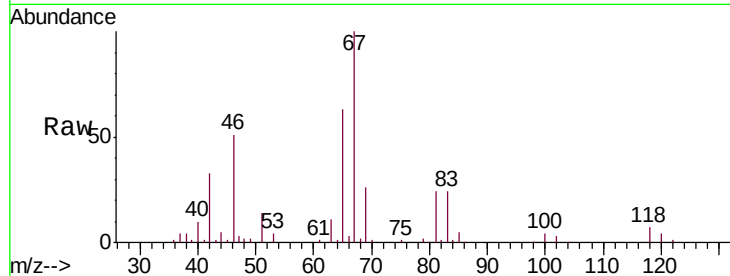




#37
 1,2-Dichloropropane
 Concen: 6.032 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032624.D
 Acq: 11 Jun 2019 20:47

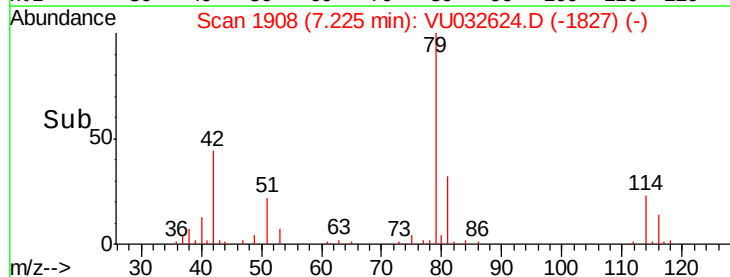
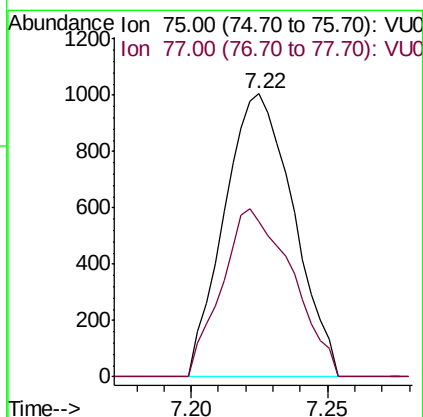
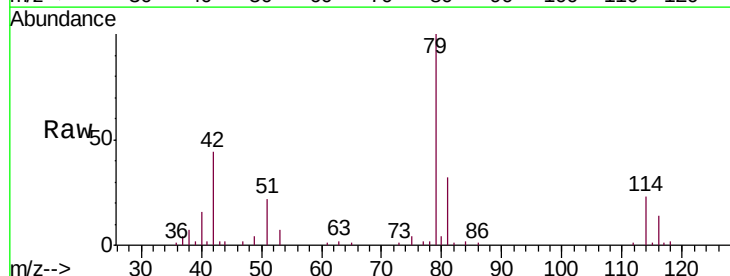
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8Q6

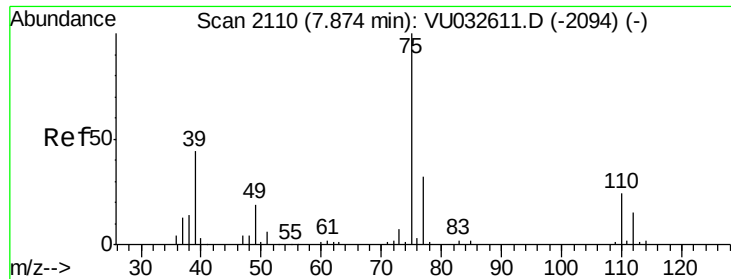
Tgt Ion: 63 Resp: 7002
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.964 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032624.D
 Acq: 11 Jun 2019 20:47

Tgt Ion: 75 Resp: 1766
 Ion Ratio Lower Upper
 75 100
 77 54.9 22.0 41.0#

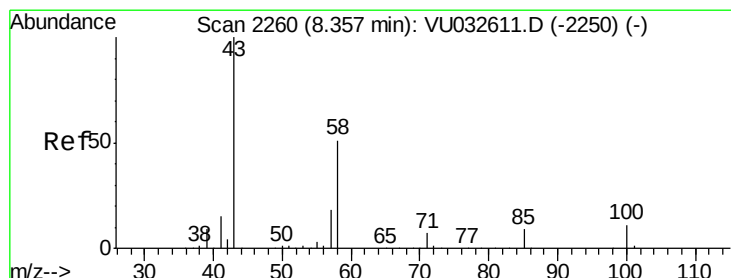
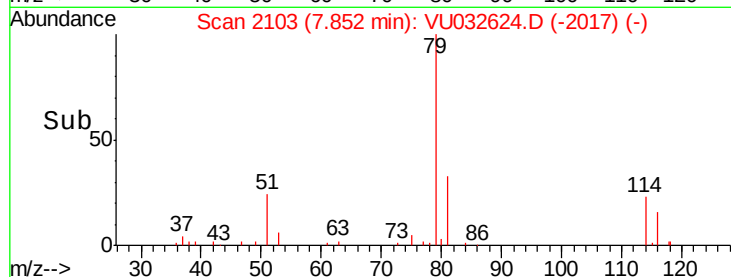
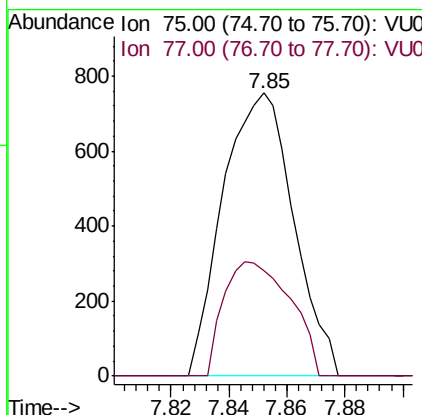
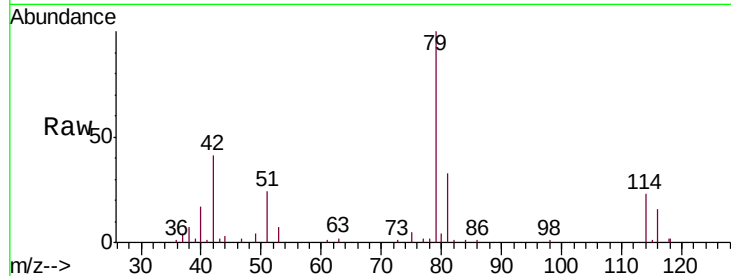




#44
trans-1,3-Dichloropropene
Concen: 0.785 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.02 min
Lab File: VU032624.D
Acq: 11 Jun 2019 20:47

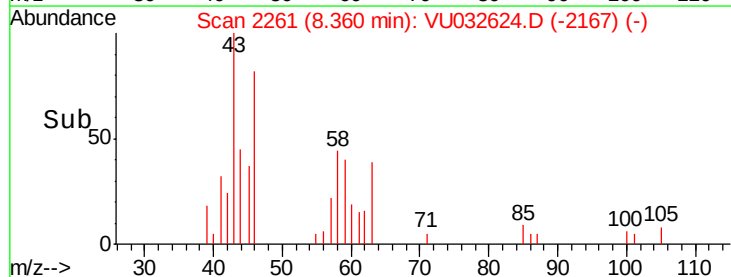
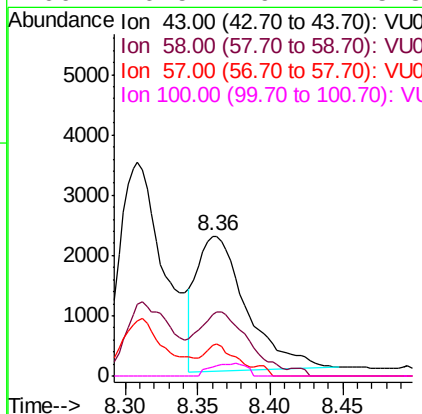
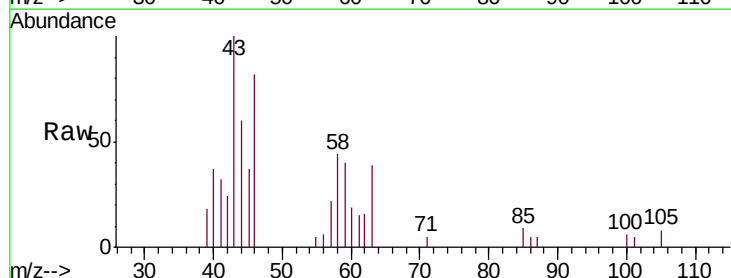
Instrument :
MSVOA_U
ClientSampleId :
DB8Q6

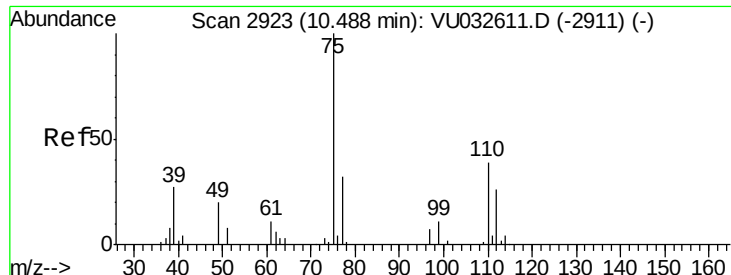
Tgt Ion: 75 Resp: 1276
Ion Ratio Lower Upper
75 100
77 37.4 22.1 41.1



#48
2-Hexanone
Concen: 3.503 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032624.D
Acq: 11 Jun 2019 20:47

Tgt Ion: 43 Resp: 5373
Ion Ratio Lower Upper
43 100
58 47.1 42.0 63.0
57 14.3 14.6 22.0#
100 6.5 9.2 13.8#





#59

1,2,3-Trichloropropane

Concen: 6.168 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032624.D

Acq: 11 Jun 2019 20:47

Instrument :

MSVOA_U

ClientSampleId :

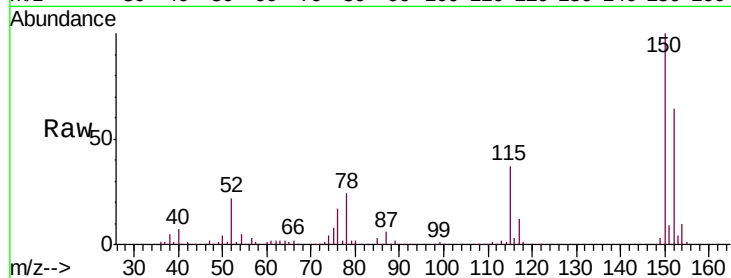
DB8Q6

Tgt Ion: 75 Resp: 9307

Ion Ratio Lower Upper

75 100

77 36.0 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

