

Data File : VU032511.D
Acq On : 06 Jun 2019 20:46
Operator : JC/SP
Sample : K3224-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C62

Quant Time: Jun 07 05:53:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 05:48:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	198555	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	184692	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95756	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	40881	31.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.46%
7) Chloroethane-d5	1.68	69	38173	36.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.74%
11) 1,1-Dichloroethene-d2	2.27	63	67004	26.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.14%#
21) 2-Butanone-d5	4.17	46	105188	97.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.57%
24) Chloroform-d	4.64	84	106405	44.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.58%
26) 1,2-Dichloroethane-d4	5.30	65	70988	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.80%
32) Benzene-d6	5.33	84	213908	44.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.22%
36) 1,2-Dichloropropane-d6	6.32	67	70507	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.80%
41) Toluene-d8	7.56	98	201455	44.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.62%
43) trans-1,3-Dichloropropene-	7.85	79	32981	45.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.68%
47) 2-Hexanone-d5	8.31	63	65408	89.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	106626	48.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.88%
64) 1,2-Dichlorobenzene-d4	11.85	152	91130	49.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.38%

Target Compounds

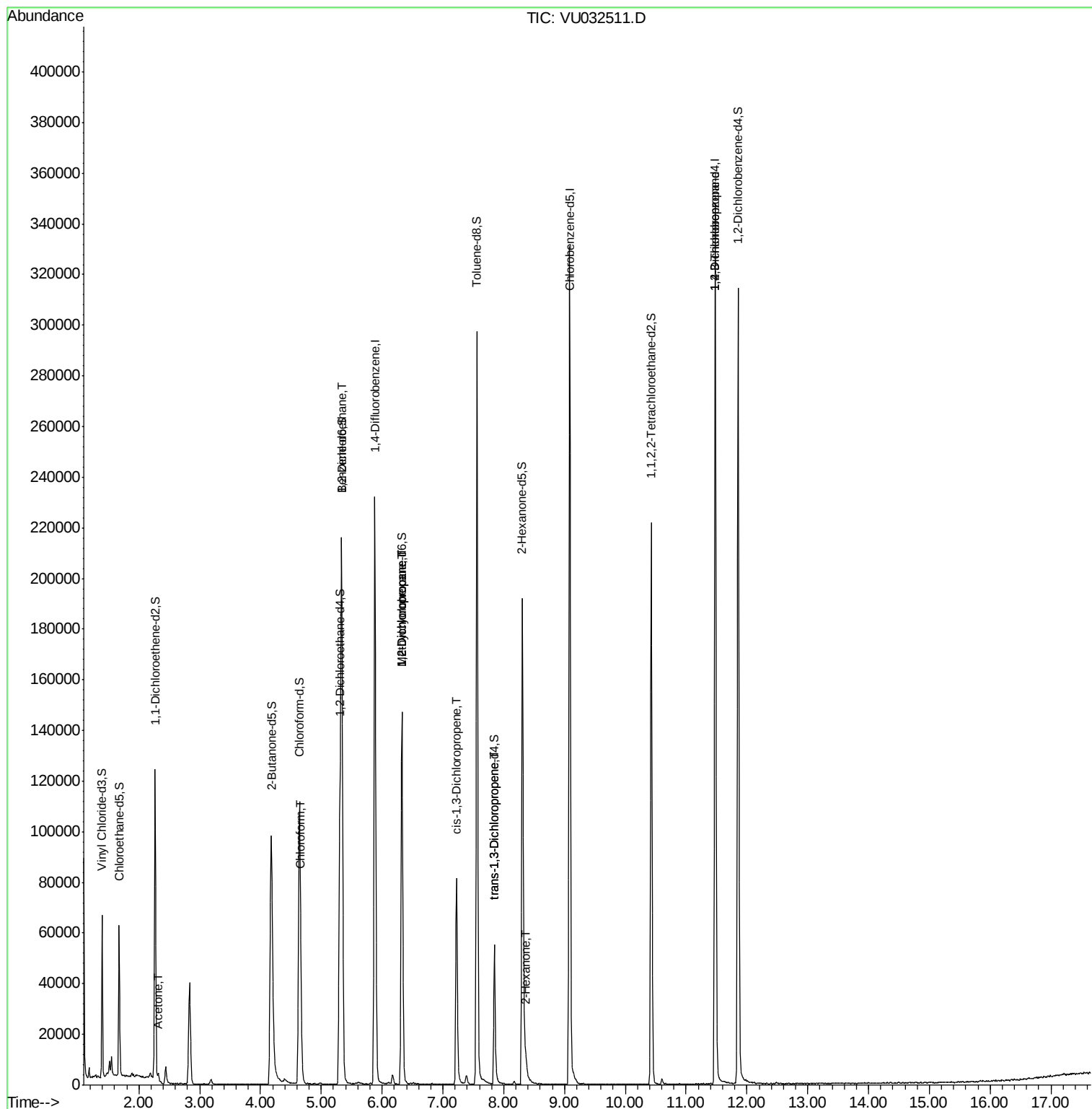
						Qvalue
13) Acetone	2.32	43	3402	3.058	ug/L	91
25) Chloroform	4.67	83	14043	5.847	ug/L	98
27) 1,2-Dichloroethane	5.33	62	1184	0.624	ug/L #	75
35) Methylcyclohexane	6.32	83	15890	6.952	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7959	5.786	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2264	1.043	ug/L #	59
44) trans-1,3-Dichloropropene	7.85	75	1602	0.832	ug/L	96
48) 2-Hexanone	8.37	43	4513	2.483	ug/L #	48
59) 1,2,3-Trichloropropane	11.48	75	11125	6.221	ug/L	90

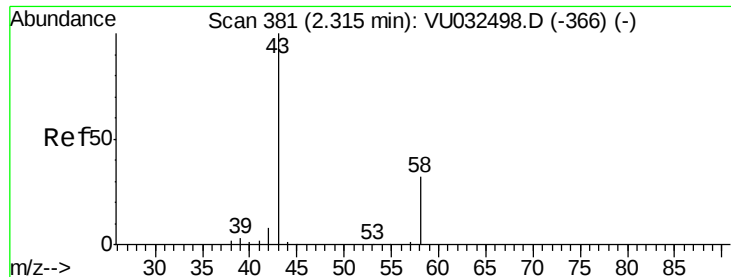
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.058 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

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Acq: 06 Jun 2019 20:46

Instrument :

MSVOA_U

ClientSampleId :

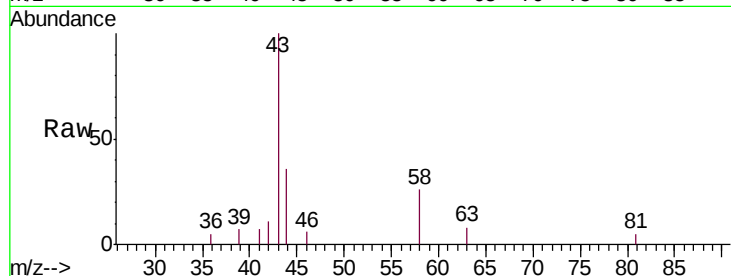
C0C62

Tgt Ion: 43 Resp: 3402

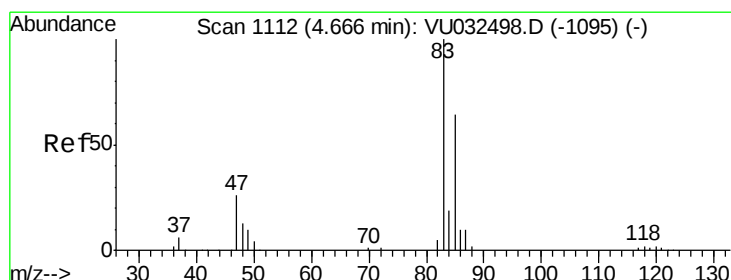
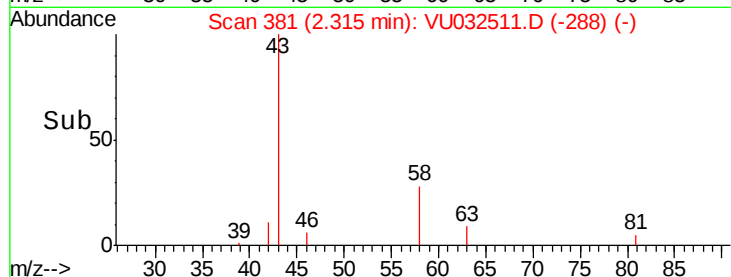
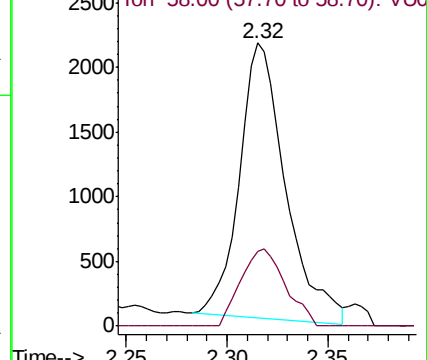
Ion Ratio Lower Upper

43 100

58 27.1 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032498.D (-366) (-)



#25

Chloroform

Concen: 5.847 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU032511.D

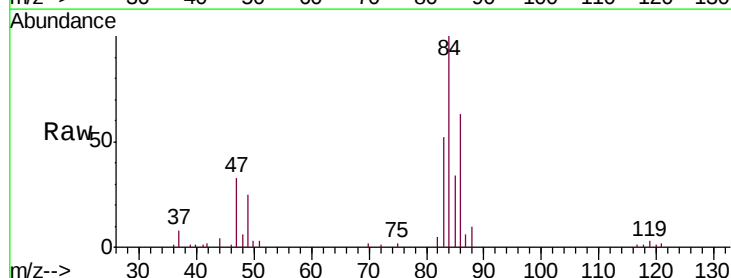
Acq: 06 Jun 2019 20:46

Tgt Ion: 83 Resp: 14043

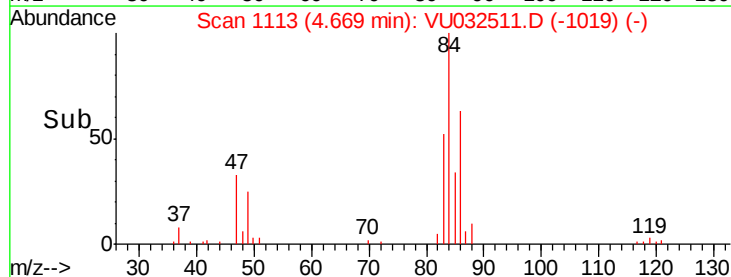
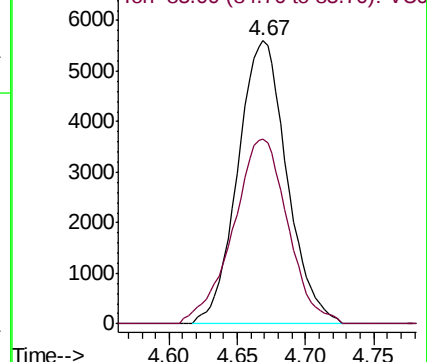
Ion Ratio Lower Upper

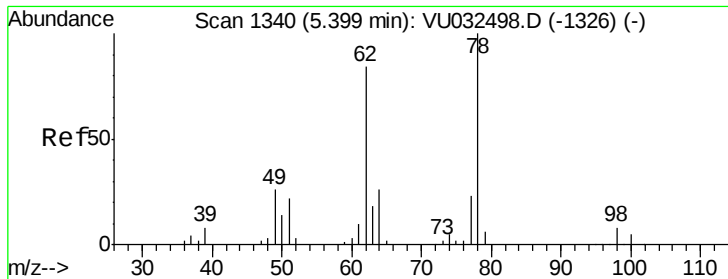
83 100

85 65.2 44.7 82.9



Abundance Ion 83.00 (82.70 to 83.70): VU032498.D (-1095) (-)





#27

1,2-Dichloroethane

Concen: 0.624 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.06 min

Lab File: VU032511.D

Acq: 06 Jun 2019 20:46

Instrument :

MSVOA_U

ClientSampleId :

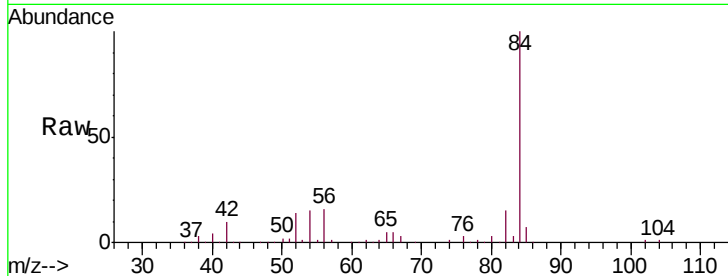
C0C62

Tgt Ion: 62 Resp: 1184

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032498.D (-1326) (-)

Ion 98.00 (97.70 to 98.70): VU032498.D (-1326) (-)

5.33

600

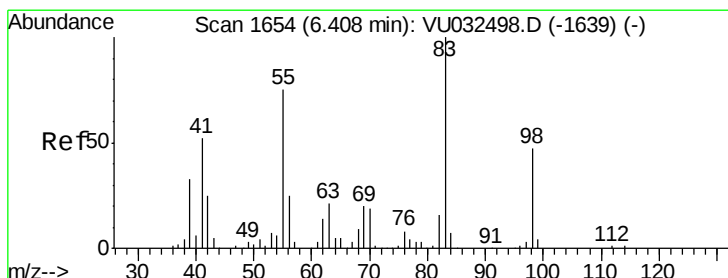
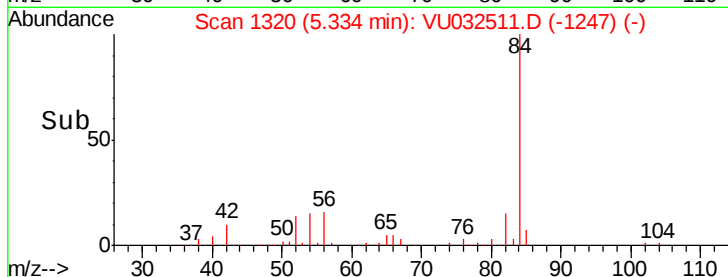
400

200

0

5.30 5.35

Time-->



#35

Methylcyclohexane

Concen: 6.952 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032511.D

Acq: 06 Jun 2019 20:46

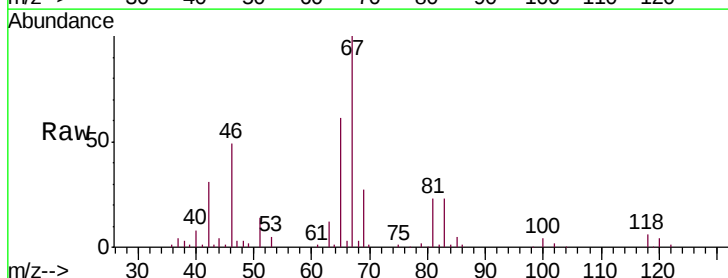
Tgt Ion: 83 Resp: 15890

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

98 0.8 37.4 56.2#



Abundance Ion 83.00 (82.70 to 83.70): VU032498.D (-1639) (-)

Ion 55.00 (54.70 to 55.70): VU032498.D (-1639) (-)

Ion 98.00 (97.70 to 98.70): VU032498.D (-1639) (-)

6.32

10000

8000

6000

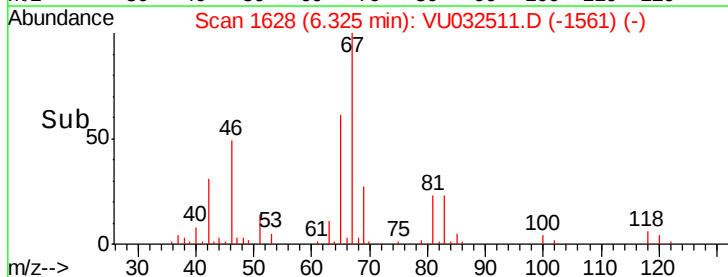
4000

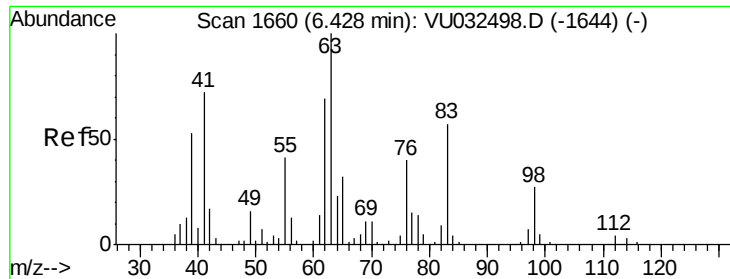
2000

0

6.25 6.30 6.35 6.40

Time-->

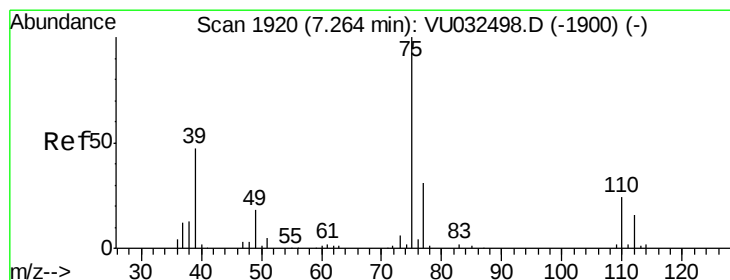
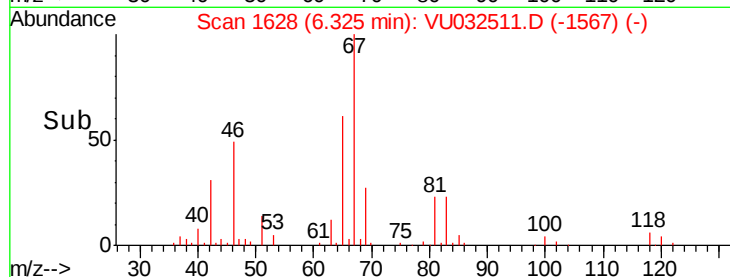
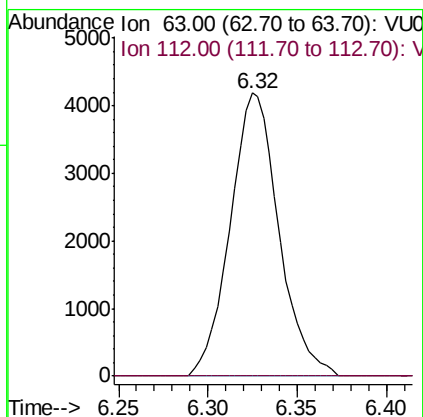
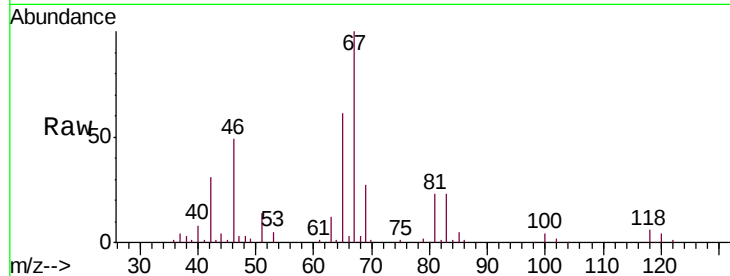




#37
 1,2-Dichloropropane
 Concen: 5.786 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032511.D
 Acq: 06 Jun 2019 20:46

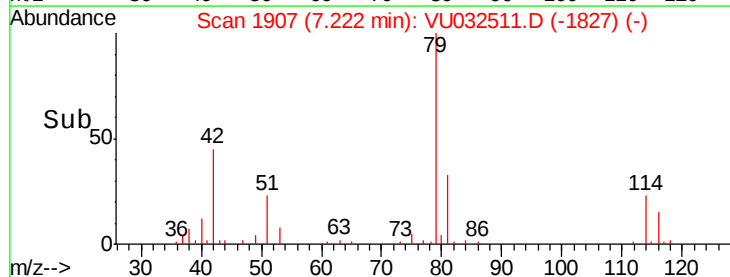
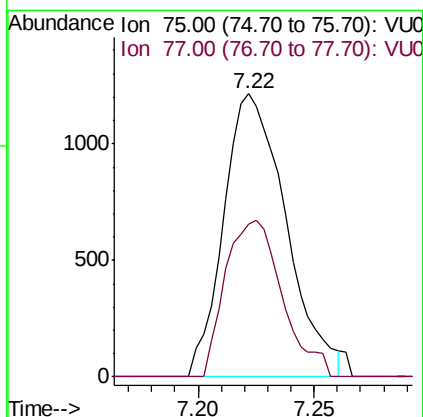
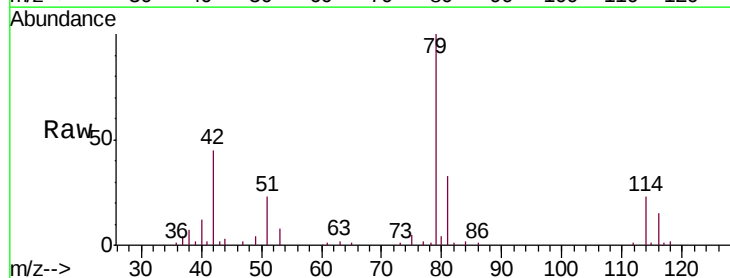
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 C0C62

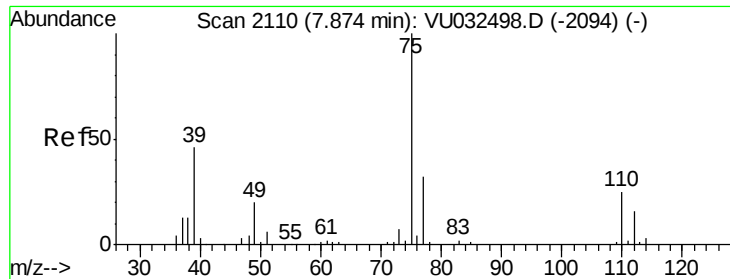
Tgt Ion: 63 Resp: 7959
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.043 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032511.D
 Acq: 06 Jun 2019 20:46

Tgt Ion: 75 Resp: 2264
 Ion Ratio Lower Upper
 75 100
 77 54.0 22.0 41.0#

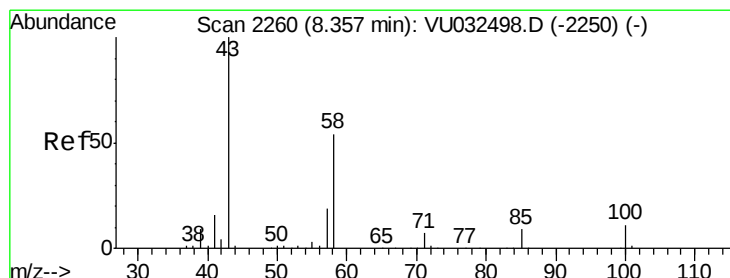
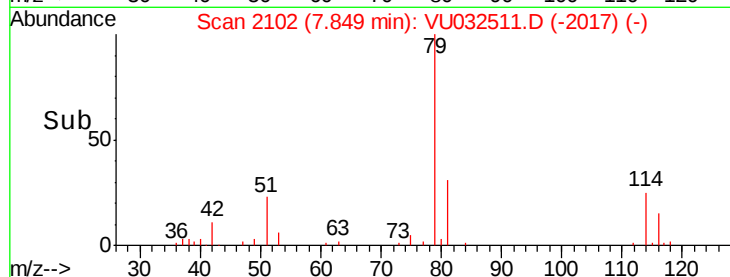
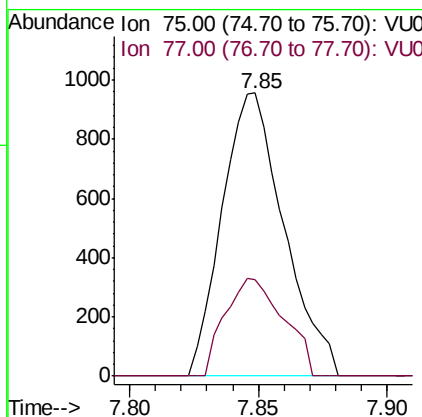
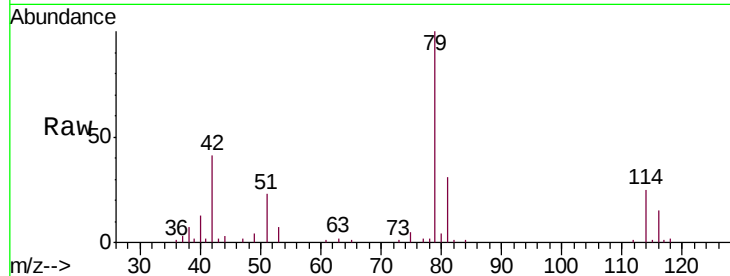




#44
trans-1,3-Dichloropropene
Concen: 0.832 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032511.D
Acq: 06 Jun 2019 20:46

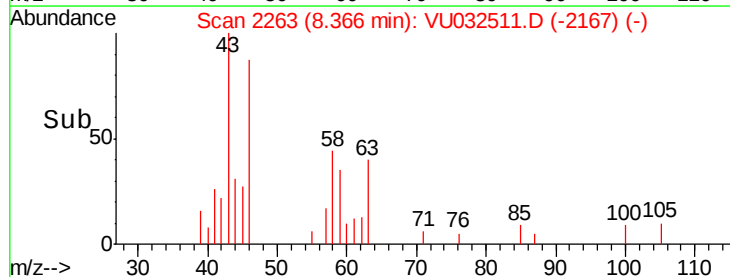
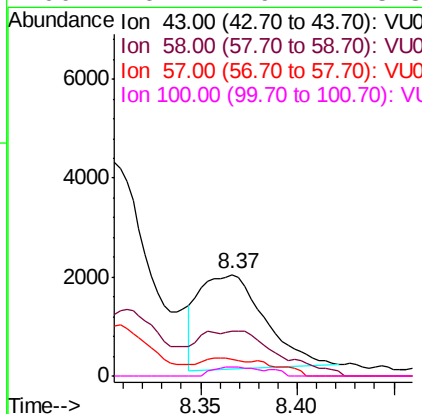
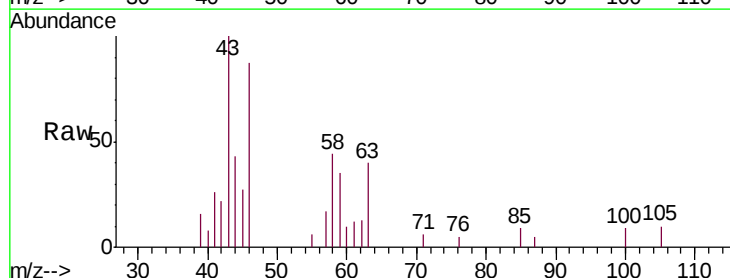
Instrument :
MSVOA_U
ClientSampled :
C0C62

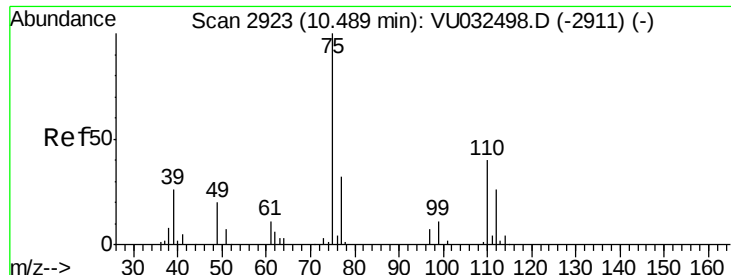
Tgt Ion: 75 Resp: 1602
Ion Ratio Lower Upper
75 100
77 34.1 22.1 41.1



#48
2-Hexanone
Concen: 2.483 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU032511.D
Acq: 06 Jun 2019 20:46

Tgt Ion: 43 Resp: 4513
Ion Ratio Lower Upper
43 100
58 4.8 42.0 63.0#
57 4.3 14.6 22.0#
100 6.4 9.2 13.8#





#59
 1,2,3-Trichloropropane
 Concen: 6.221 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032511.D
 Acq: 06 Jun 2019 20:46

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C62

Tgt Ion: 75 Resp: 11125
 Ion Ratio Lower Upper
 75 100
 77 37.4 25.6 38.4

