

Data File : VU032500.D
Acq On : 06 Jun 2019 16:34
Operator : JC/SP
Sample : K3215-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8L2

Quant Time: Jun 07 05:51:51 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	220139	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	204304	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	104989	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43956	30.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.56%
7) Chloroethane-d5	1.68	69	40779	35.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.06%
11) 1,1-Dichloroethene-d2	2.27	63	72608	25.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.92%#
21) 2-Butanone-d5	4.17	46	111410	93.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.21%
24) Chloroform-d	4.64	84	110134	41.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.70%
26) 1,2-Dichloroethane-d4	5.30	65	74887	44.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.26%
32) Benzene-d6	5.33	84	226819	42.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.52%
36) 1,2-Dichloropropane-d6	6.32	67	74564	44.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.66%
41) Toluene-d8	7.56	98	215098	42.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.54%
43) trans-1,3-Dichloropropene-	7.85	79	35293	44.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.68%
47) 2-Hexanone-d5	8.31	63	73185	90.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110476	45.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.68%
64) 1,2-Dichlorobenzene-d4	11.85	152	95753	47.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.24%

Target Compounds

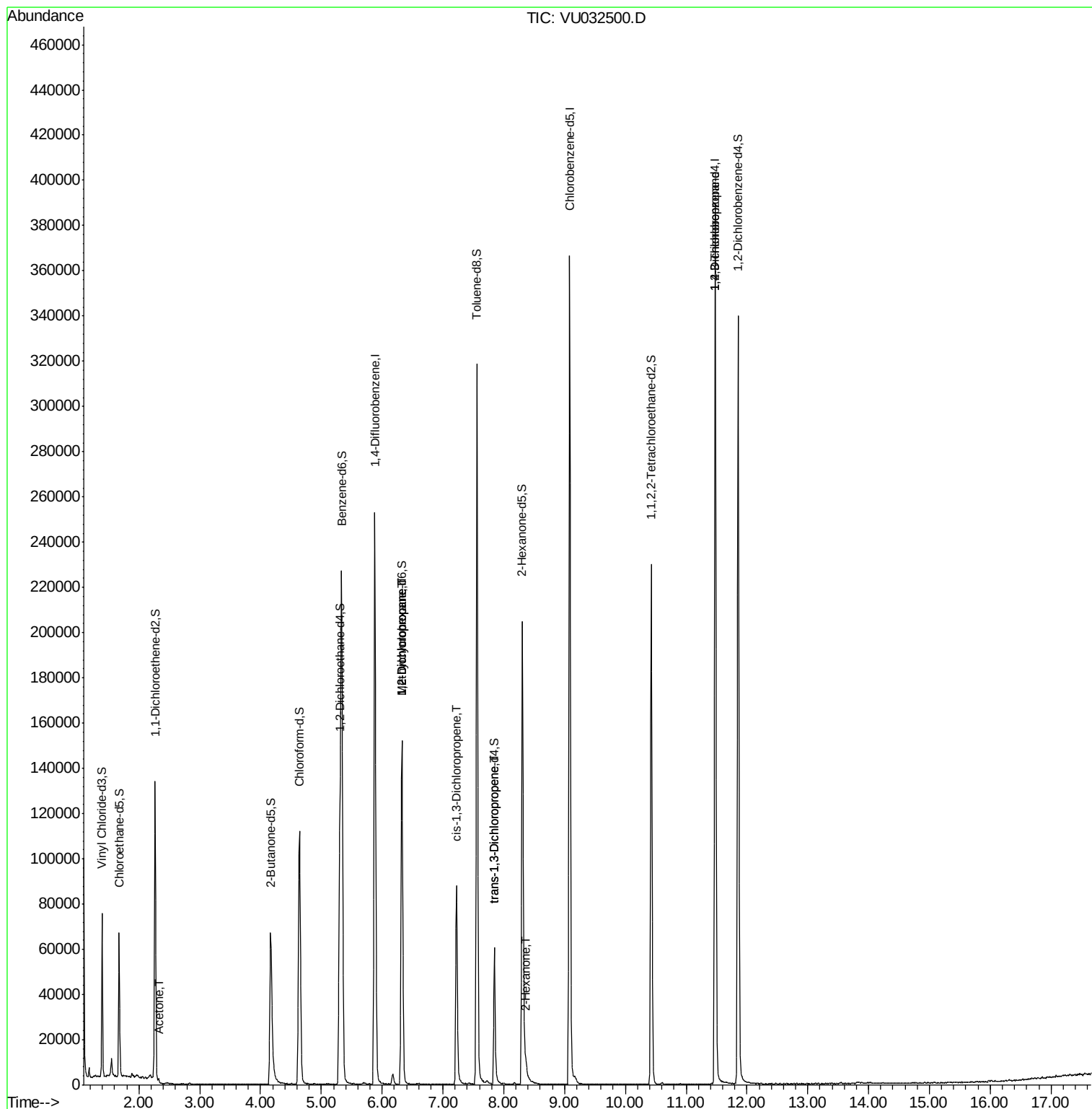
						Qvalue
13) Acetone	2.32	43	1237	1.003	ug/L	74
35) Methylcyclohexane	6.33	83	17205	6.805	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	8310	5.461	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2342	0.975	ug/L #	44
44) trans-1,3-Dichloropropene	7.85	75	1728	0.811	ug/L	91
48) 2-Hexanone	8.37	43	4599	2.287	ug/L #	50
59) 1,2,3-Trichloropropane	11.48	75	12561	6.350	ug/L	95

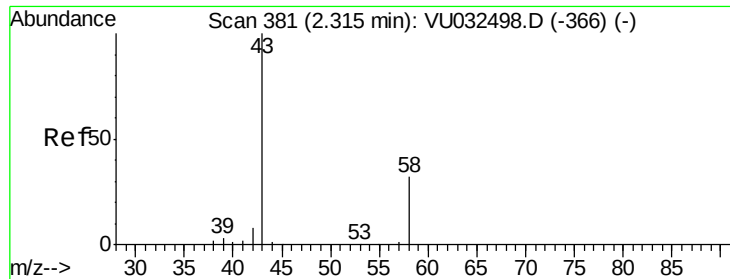
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.003 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU032500.D

Acq: 06 Jun 2019 16:34

Instrument :

MSVOA_U

ClientSampleId :

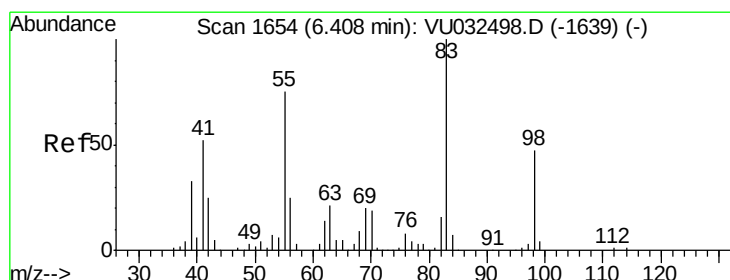
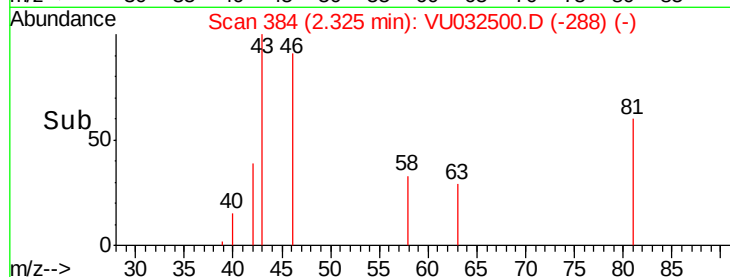
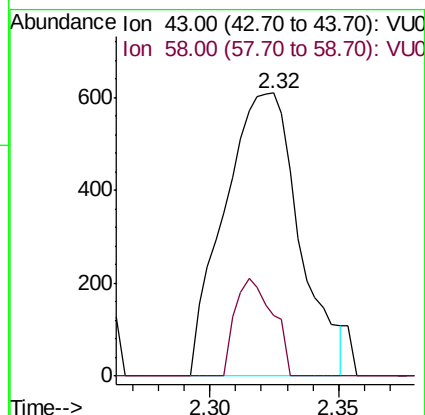
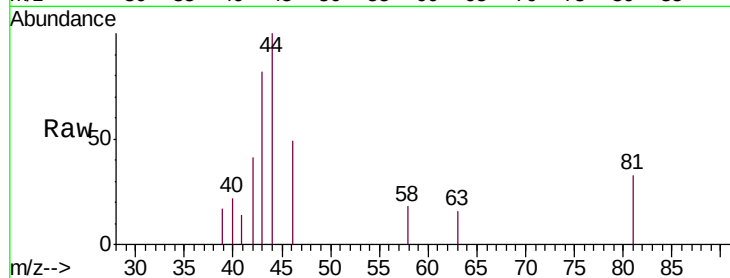
DB8L2

Tgt Ion: 43 Resp: 1237

Ion Ratio Lower Upper

43 100

58 17.4 0.0 64.0



#35

Methylcyclohexane

Concen: 6.805 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

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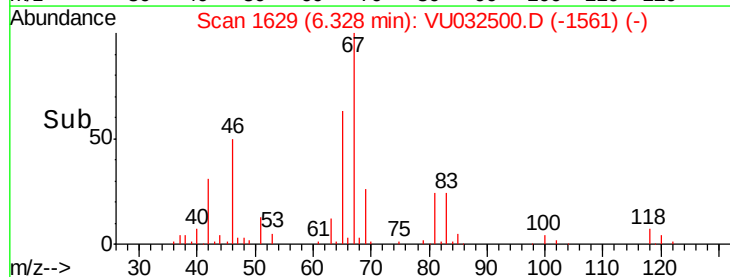
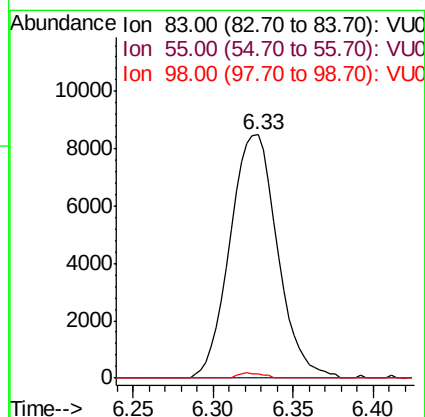
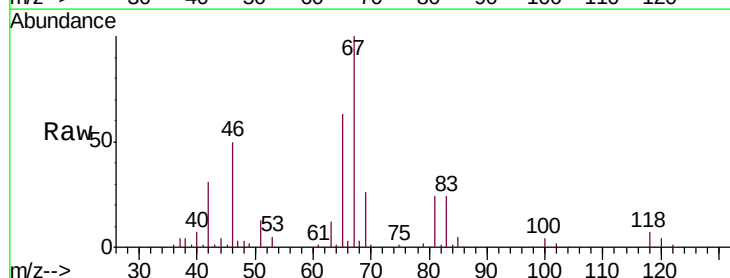
Tgt Ion: 83 Resp: 17205

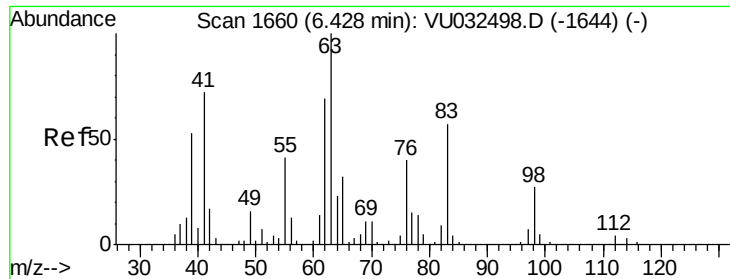
Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.4#

98 1.1 37.4 56.2#

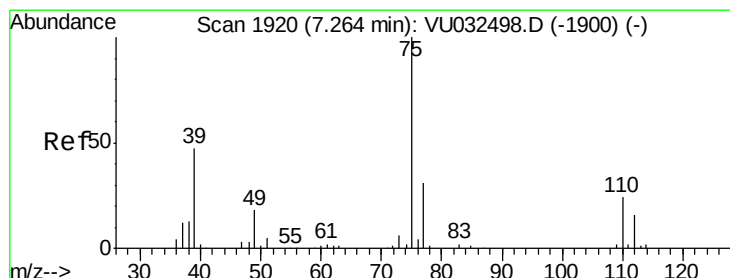
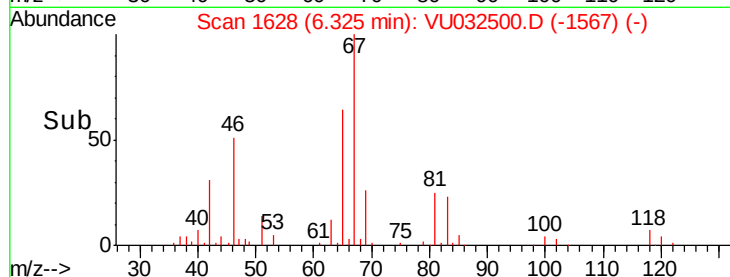
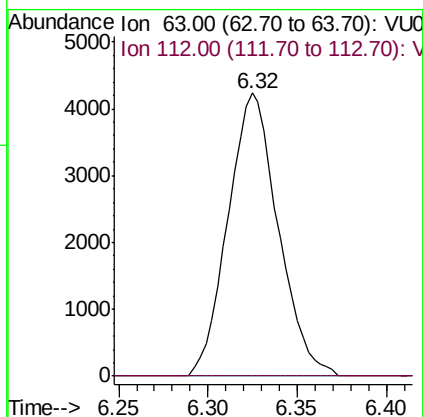
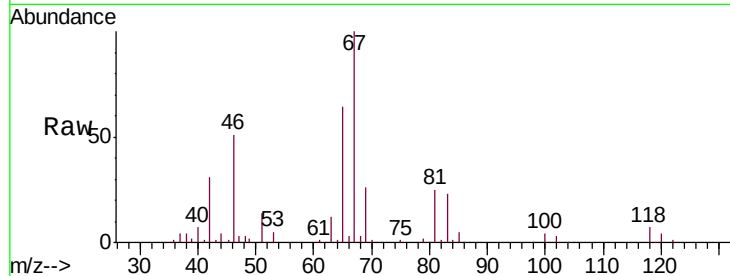




#37
 1,2-Dichloropropane
 Concen: 5.461 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032500.D
 Acq: 06 Jun 2019 16:34

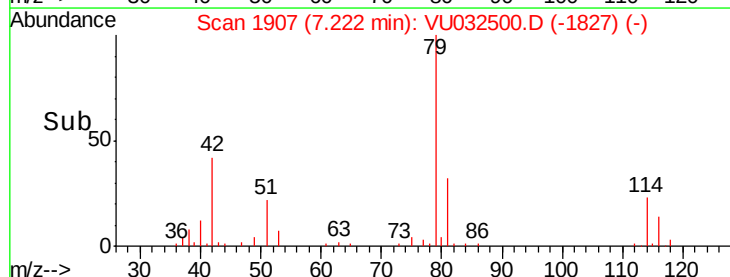
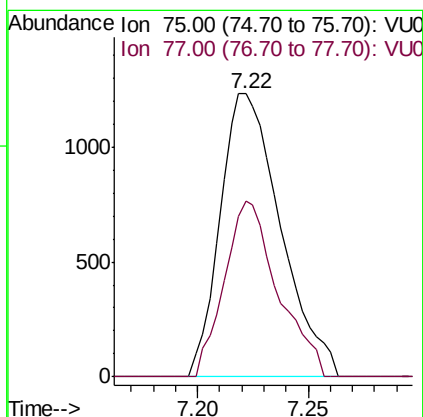
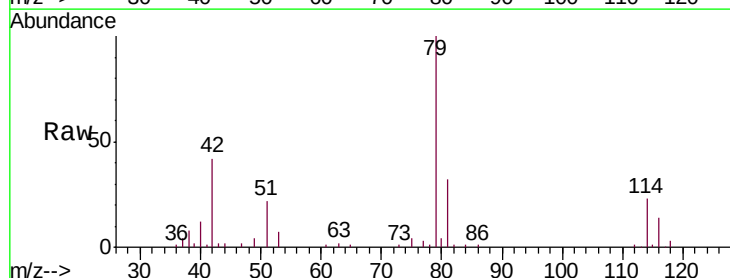
Instrument :
 MSVOA_U
 ClientSampleID :
 DB8L2

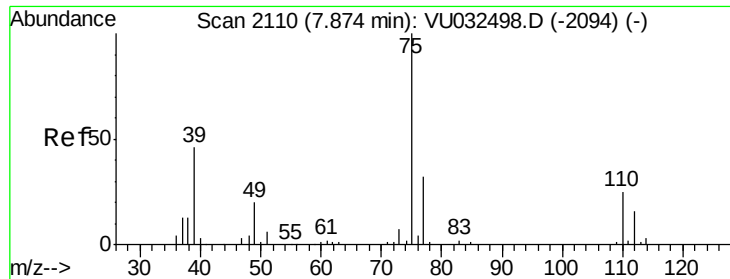
Tgt Ion: 63 Resp: 8310
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.975 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032500.D
 Acq: 06 Jun 2019 16:34

Tgt Ion: 75 Resp: 2342
 Ion Ratio Lower Upper
 75 100
 77 62.3 22.0 41.0#

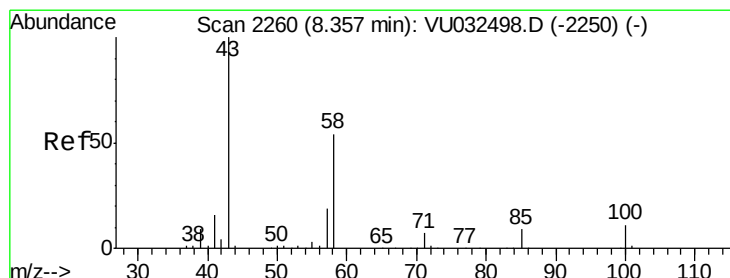
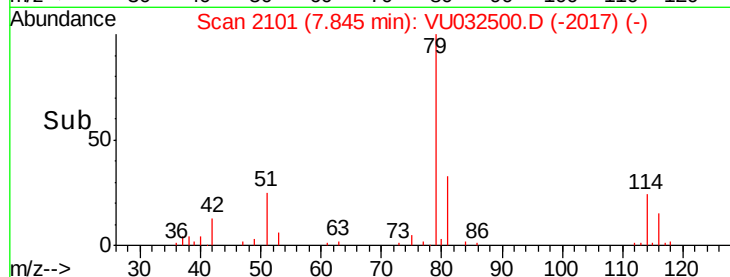
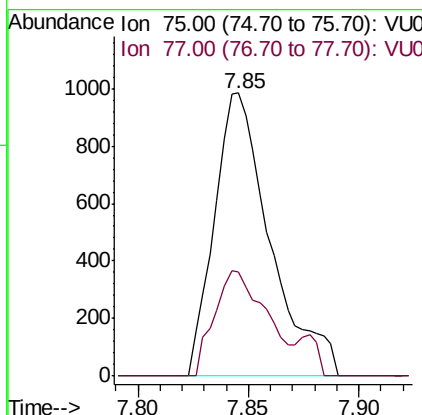
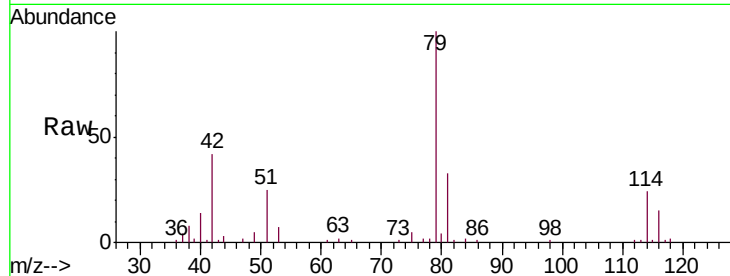




#44
trans-1,3-Dichloropropene
Concen: 0.811 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032500.D
Acq: 06 Jun 2019 16:34

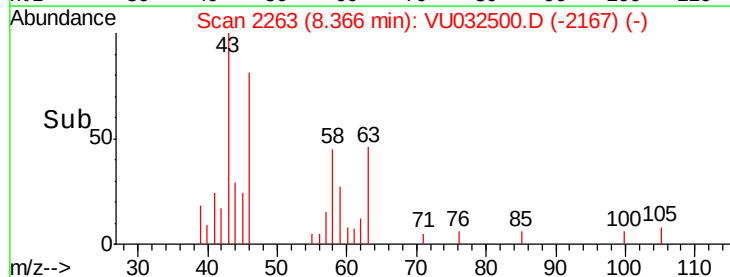
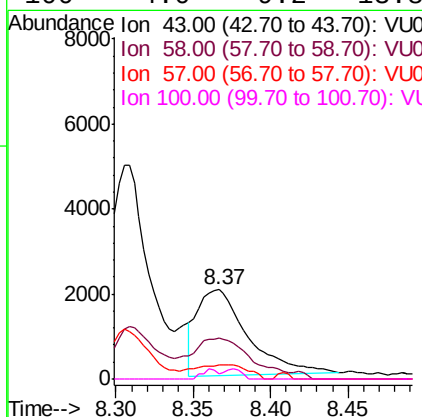
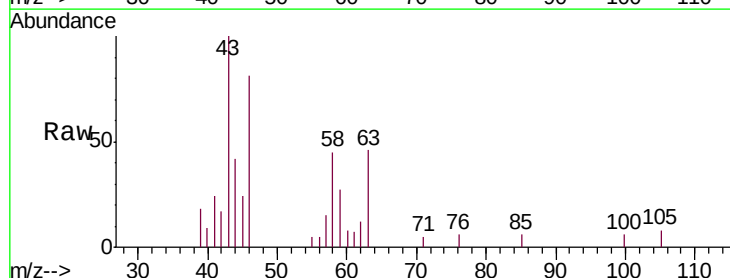
Instrument :
MSVOA_U
ClientSampled :
DB8L2

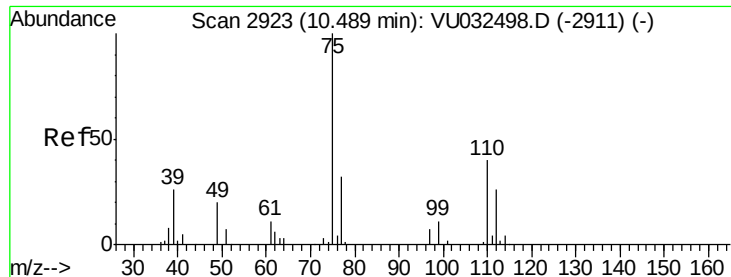
Tgt Ion: 75 Resp: 1728
Ion Ratio Lower Upper
75 100
77 36.8 22.1 41.1



#48
2-Hexanone
Concen: 2.287 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU032500.D
Acq: 06 Jun 2019 16:34

Tgt Ion: 43 Resp: 4599
Ion Ratio Lower Upper
43 100
58 0.0 42.0 63.0#
57 17.7 14.6 22.0
100 4.0 9.2 13.8#





#59
 1,2,3-Trichloropropane
 Concen: 6.350 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032500.D
 Acq: 06 Jun 2019 16:34

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8L2

Tgt Ion: 75 Resp: 12561
 Ion Ratio Lower Upper
 75 100
 77 34.9 25.6 38.4

