

Data File : VU032509.D
Acq On : 06 Jun 2019 20:00
Operator : JC/SP
Sample : K3224-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C60

Quant Time: Jun 07 05:53:02 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	207958	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	196265	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	99038	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38913	28.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.68%#
7) Chloroethane-d5	1.68	69	37778	34.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.68%#
11) 1,1-Dichloroethene-d2	2.27	63	64925	24.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.16%#
21) 2-Butanone-d5	4.17	46	101285	89.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.70%
24) Chloroform-d	4.64	84	102859	40.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.76%
26) 1,2-Dichloroethane-d4	5.30	65	67928	42.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.70%
32) Benzene-d6	5.33	84	206525	40.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.06%
36) 1,2-Dichloropropane-d6	6.32	67	68274	42.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.46%
41) Toluene-d8	7.56	98	192649	39.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.76%#
43) trans-1,3-Dichloropropene-	7.85	79	31219	40.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.66%
47) 2-Hexanone-d5	8.31	63	64688	83.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.47%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	104218	45.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.04%
64) 1,2-Dichlorobenzene-d4	11.85	152	87577	46.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.34%

Target Compounds

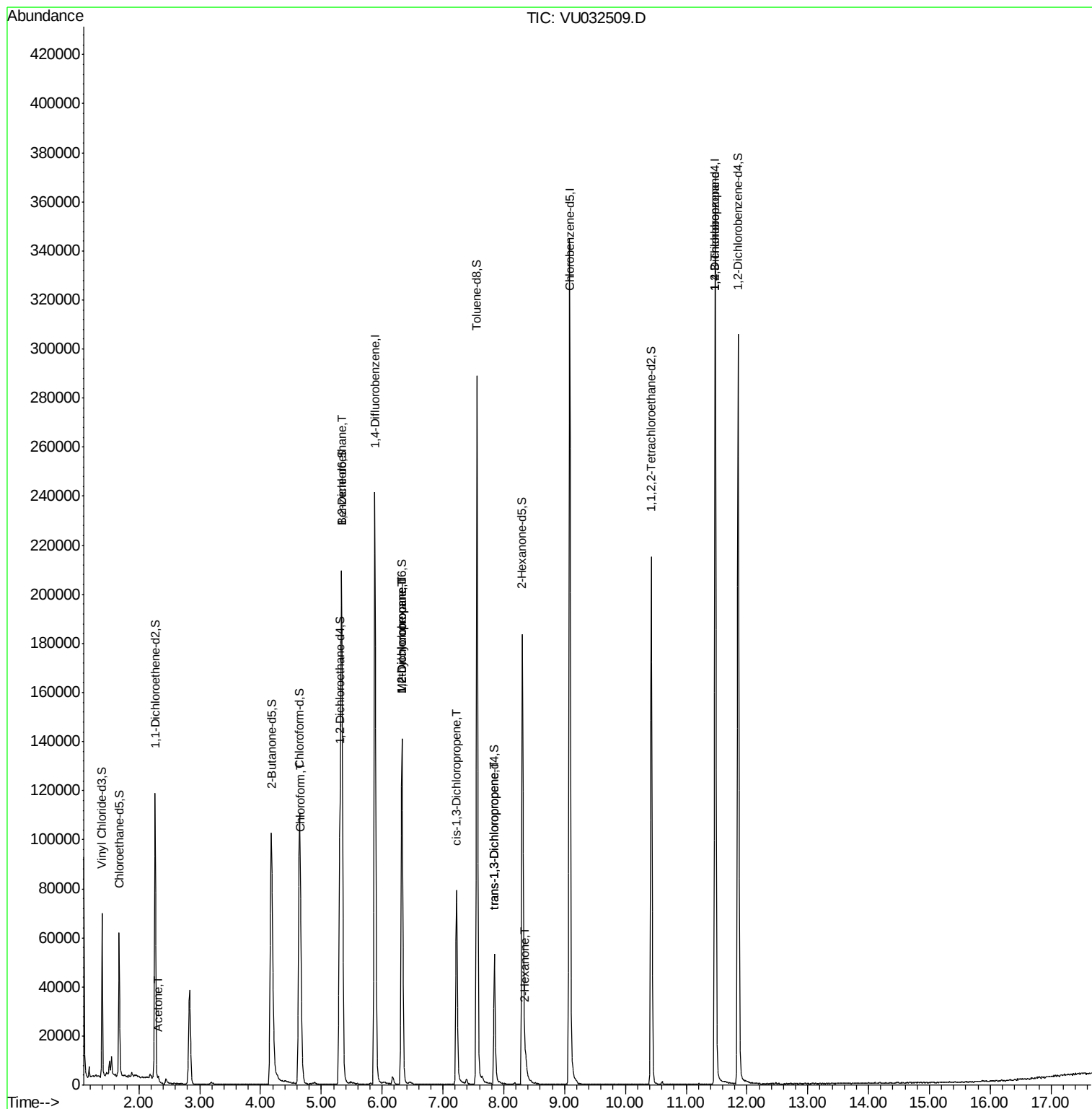
					Qvalue
13) Acetone	2.32	43	2294	1.969 ug/L	84
25) Chloroform	4.67	83	23391	9.299 ug/L	97
27) 1,2-Dichloroethane	5.33	62	1059	0.533 ug/L #	75
35) Methylcyclohexane	6.32	83	15397	6.339 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7460	5.103 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2204	0.956 ug/L #	70
44) trans-1,3-Dichloropropene	7.85	75	1561	0.763 ug/L	94
48) 2-Hexanone	8.36	43	4446	2.302 ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	11743	6.180 ug/L	94

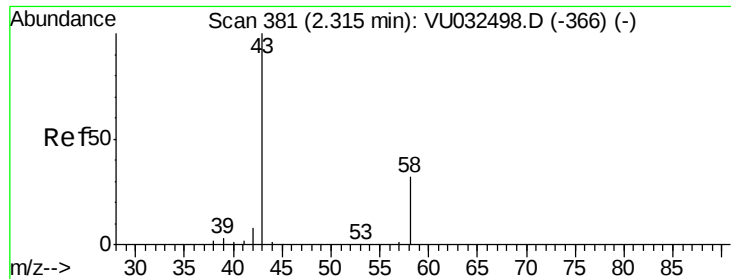
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.969 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032509.D

Acq: 06 Jun 2019 20:00

Instrument :

MSVOA_U

ClientSampled :

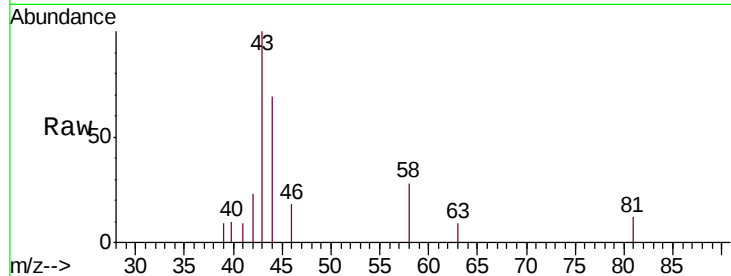
C0C60

Tgt Ion: 43 Resp: 2294

Ion Ratio Lower Upper

43 100

58 23.1 0.0 64.0



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

Ion 58.00 (57.70 to 58.70): VU032498.D (-366) (-)

2.32

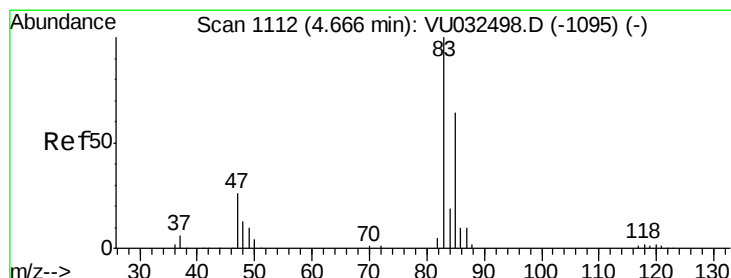
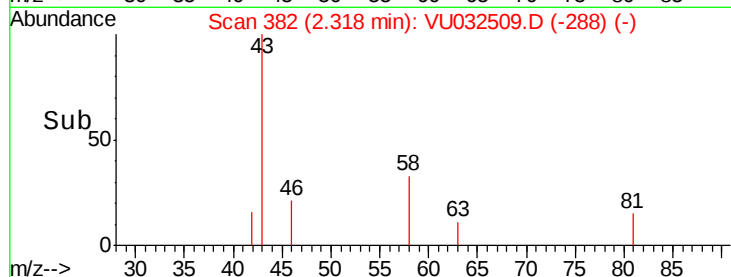
1500

1000

500

0

Time-->



#25

Chloroform

Concen: 9.299 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU032509.D

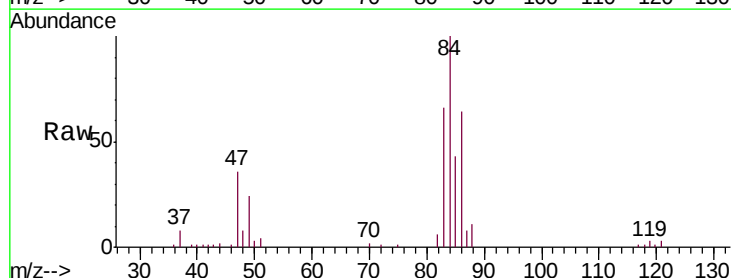
Acq: 06 Jun 2019 20:00

Tgt Ion: 83 Resp: 23391

Ion Ratio Lower Upper

83 100

85 66.1 44.7 82.9



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

Ion 85.00 (84.70 to 85.70): VU032498.D (-1095) (-)

4.67

10000

8000

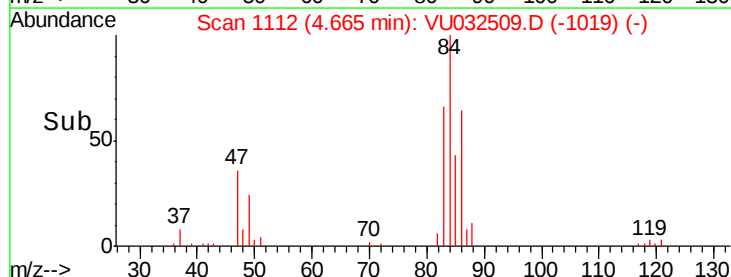
6000

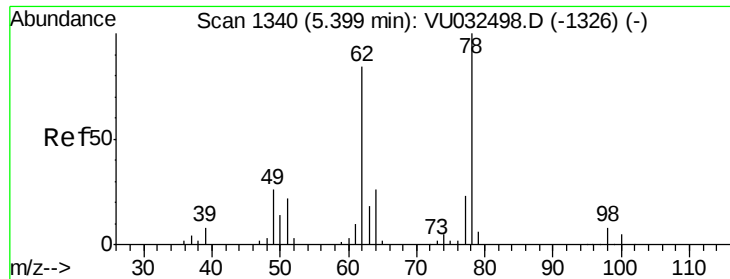
4000

2000

0

Time-->

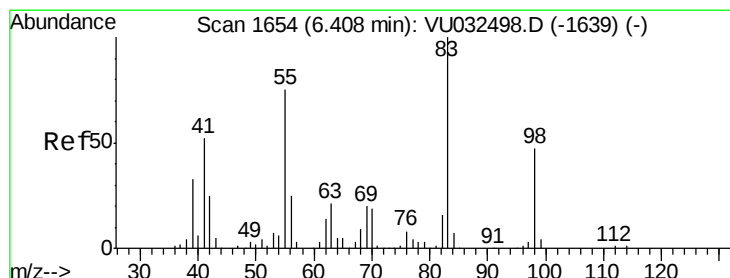
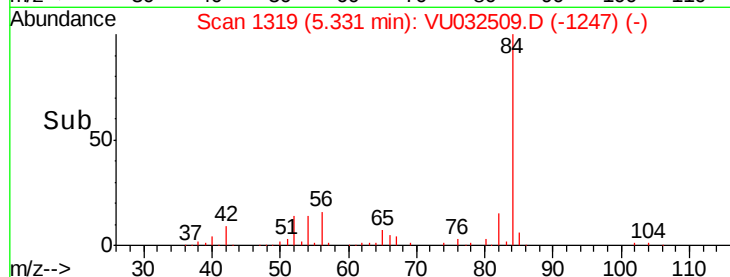
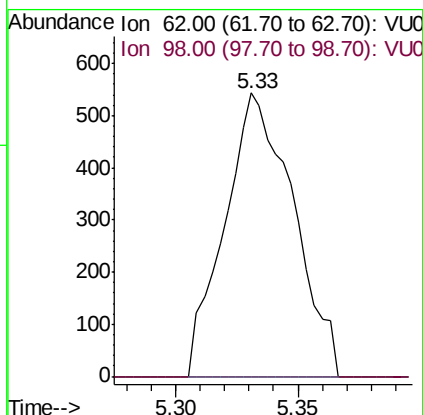
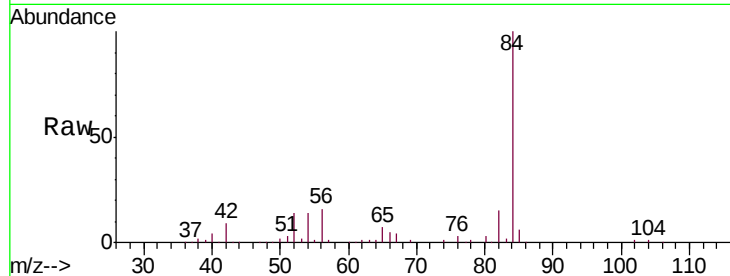




#27
 1,2-Dichloroethane
 Concen: 0.533 ug/L
 RT: 5.33 min Scan# 1319
 Delta R.T. -0.07 min
 Lab File: VU032509.D
 Acq: 06 Jun 2019 20:00

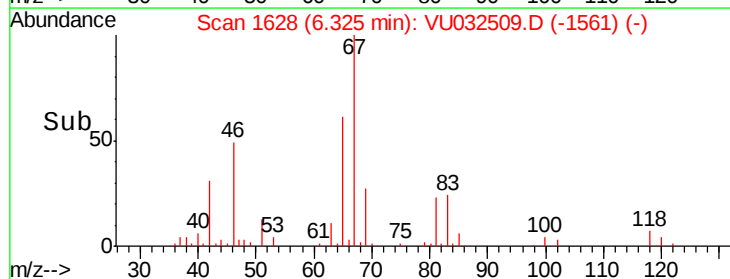
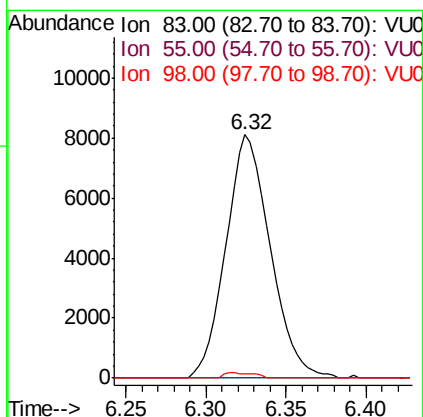
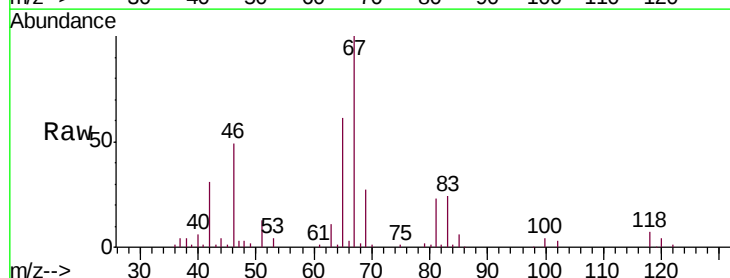
Instrument :
 MSVOA_U
 ClientSampleId :
 C0C60

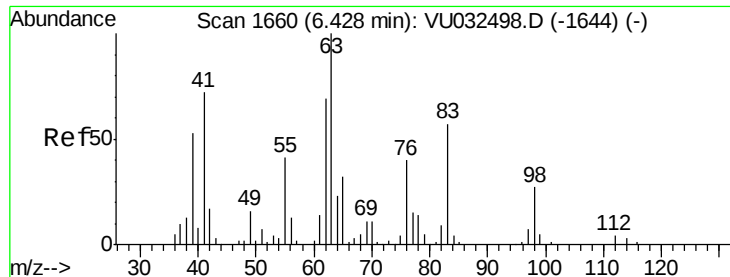
Tgt Ion: 62 Resp: 1059
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#35
 Methylcyclohexane
 Concen: 6.339 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.08 min
 Lab File: VU032509.D
 Acq: 06 Jun 2019 20:00

Tgt Ion: 83 Resp: 15397
 Ion Ratio Lower Upper
 83 100
 55 0.0 60.2 90.4#
 98 1.3 37.4 56.2#

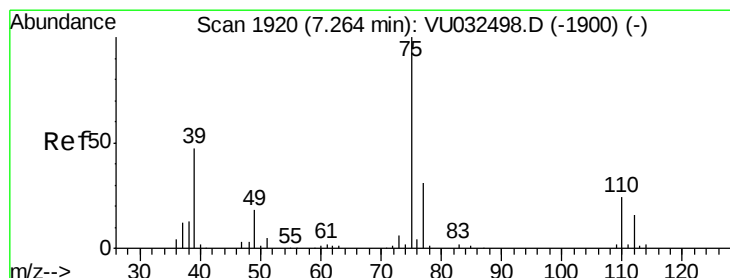
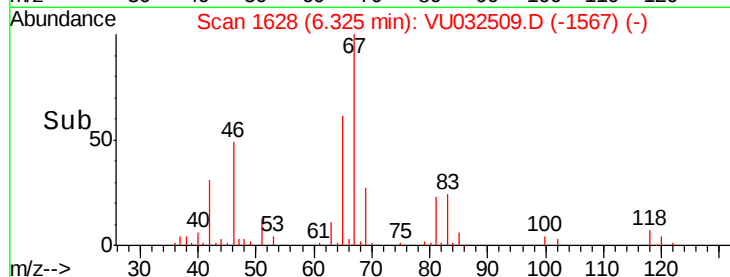
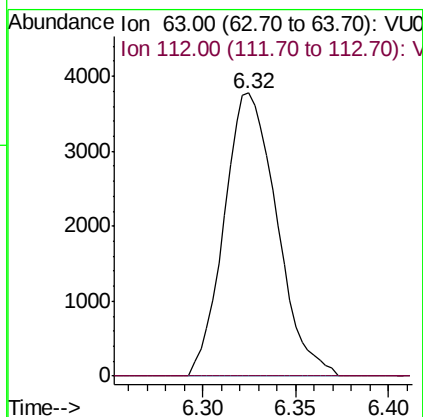
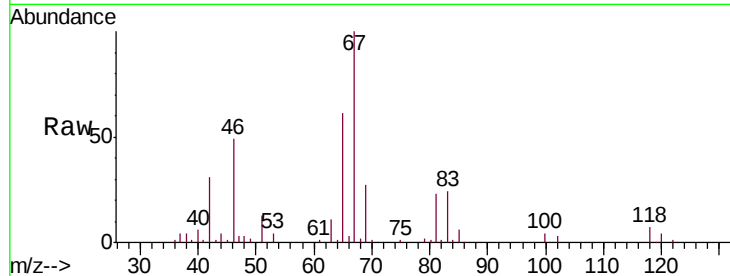




#37
 1,2-Dichloropropane
 Concen: 5.103 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032509.D
 Acq: 06 Jun 2019 20:00

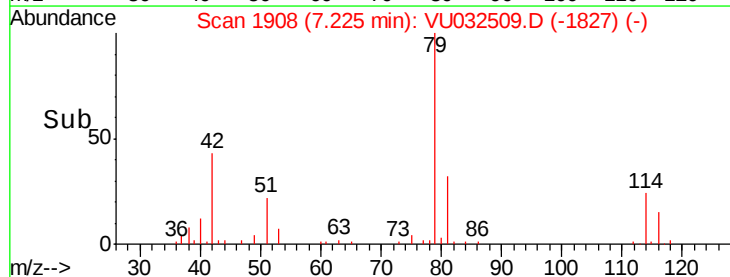
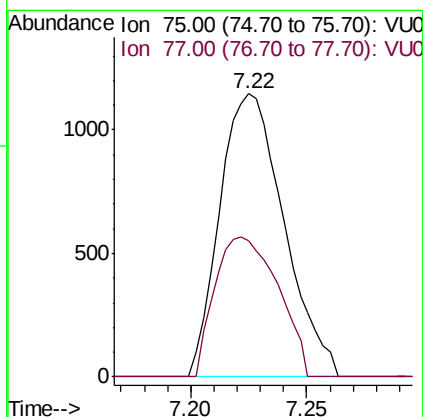
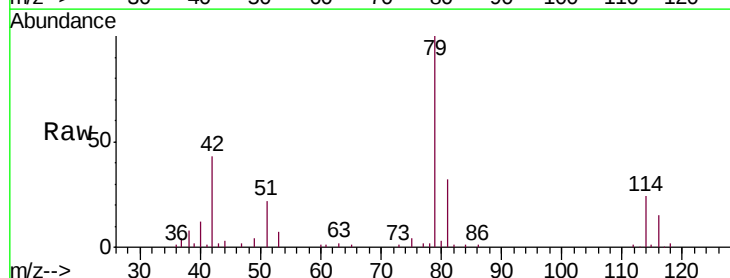
Instrument :
 MSVOA_U
 ClientSampleId :
 C0C60

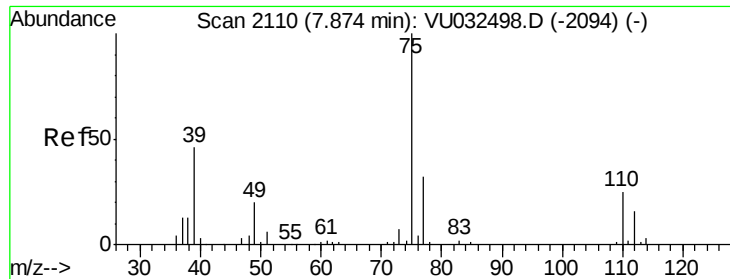
Tgt Ion: 63 Resp: 7460
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.956 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032509.D
 Acq: 06 Jun 2019 20:00

Tgt Ion: 75 Resp: 2204
 Ion Ratio Lower Upper
 75 100
 77 48.0 22.0 41.0#

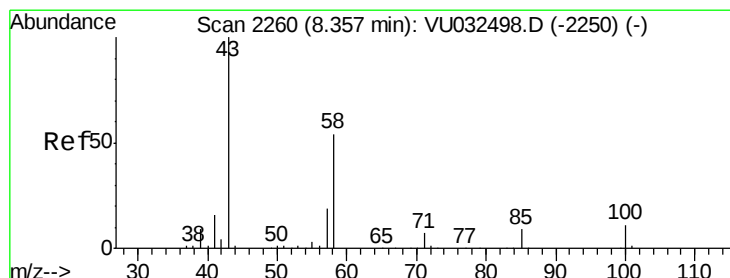
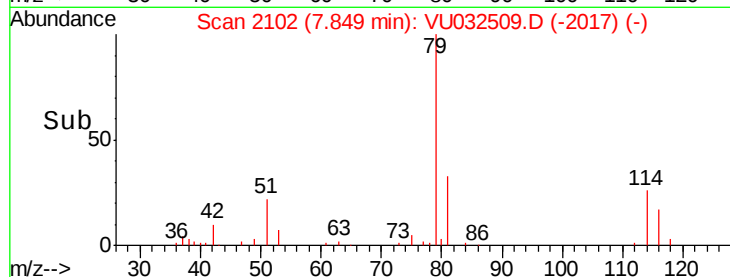
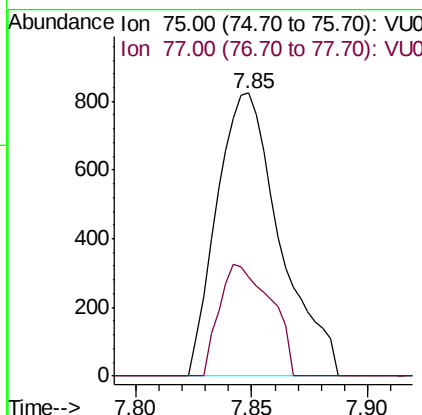
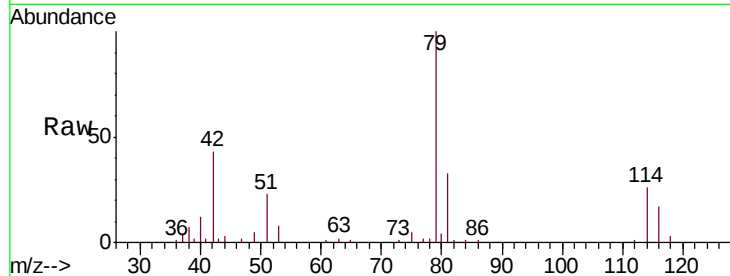




#44
trans-1,3-Dichloropropene
Concen: 0.763 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032509.D
Acq: 06 Jun 2019 20:00

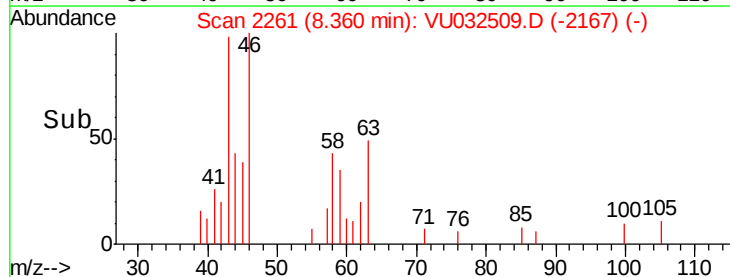
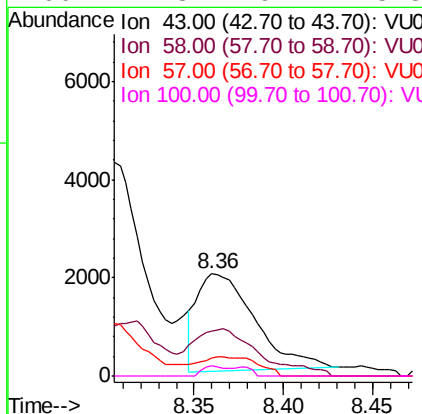
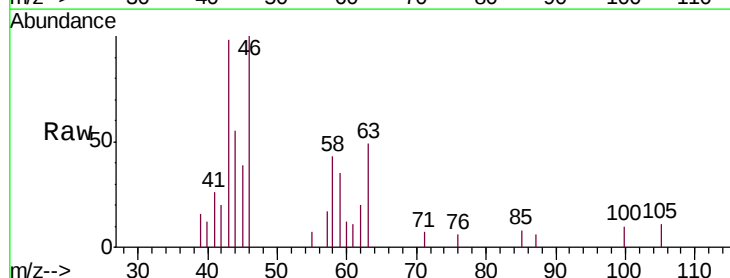
Instrument :
MSVOA_U
ClientSampleId :
C0C60

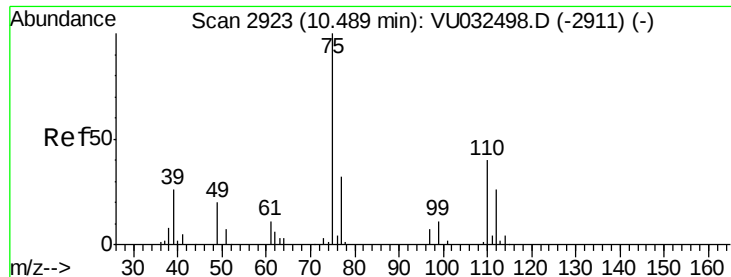
Tgt Ion: 75 Resp: 1561
Ion Ratio Lower Upper
75 100
77 35.0 22.1 41.1



#48
2-Hexanone
Concen: 2.302 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VU032509.D
Acq: 06 Jun 2019 20:00

Tgt Ion: 43 Resp: 4446
Ion Ratio Lower Upper
43 100
58 56.8 42.0 63.0
57 1.7 14.6 22.0#
100 4.3 9.2 13.8#





#59
 1,2,3-Trichloropropane
 Concen: 6.180 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032509.D
 Acq: 06 Jun 2019 20:00

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C60

Tgt Ion: 75 Resp: 11743
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.6 38.4

