

Data File : VU032607.D
Acq On : 11 Jun 2019 14:08
Operator : JC/SP
Sample : K3292-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8P4

Quant Time: Jun 12 05:35:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 12 05:31:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	172358	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	163375	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	84479	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47273	42.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.54%
7) Chloroethane-d5	1.68	69	39909	44.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.82%
11) 1,1-Dichloroethene-d2	2.27	63	72914	33.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.60%
21) 2-Butanone-d5	4.17	46	94005	100.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.45%
24) Chloroform-d	4.64	84	99446	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
26) 1,2-Dichloroethane-d4	5.31	65	66865	50.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.78%
32) Benzene-d6	5.33	84	197672	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.22%
36) 1,2-Dichloropropane-d6	6.32	67	65306	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.20%
41) Toluene-d8	7.56	98	176906	43.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.98%
43) trans-1,3-Dichloropropene-	7.85	79	30203	47.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.90%
47) 2-Hexanone-d5	8.31	63	54604	84.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	92943	48.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.46%
64) 1,2-Dichlorobenzene-d4	11.85	152	78548	48.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.08%

Target Compounds

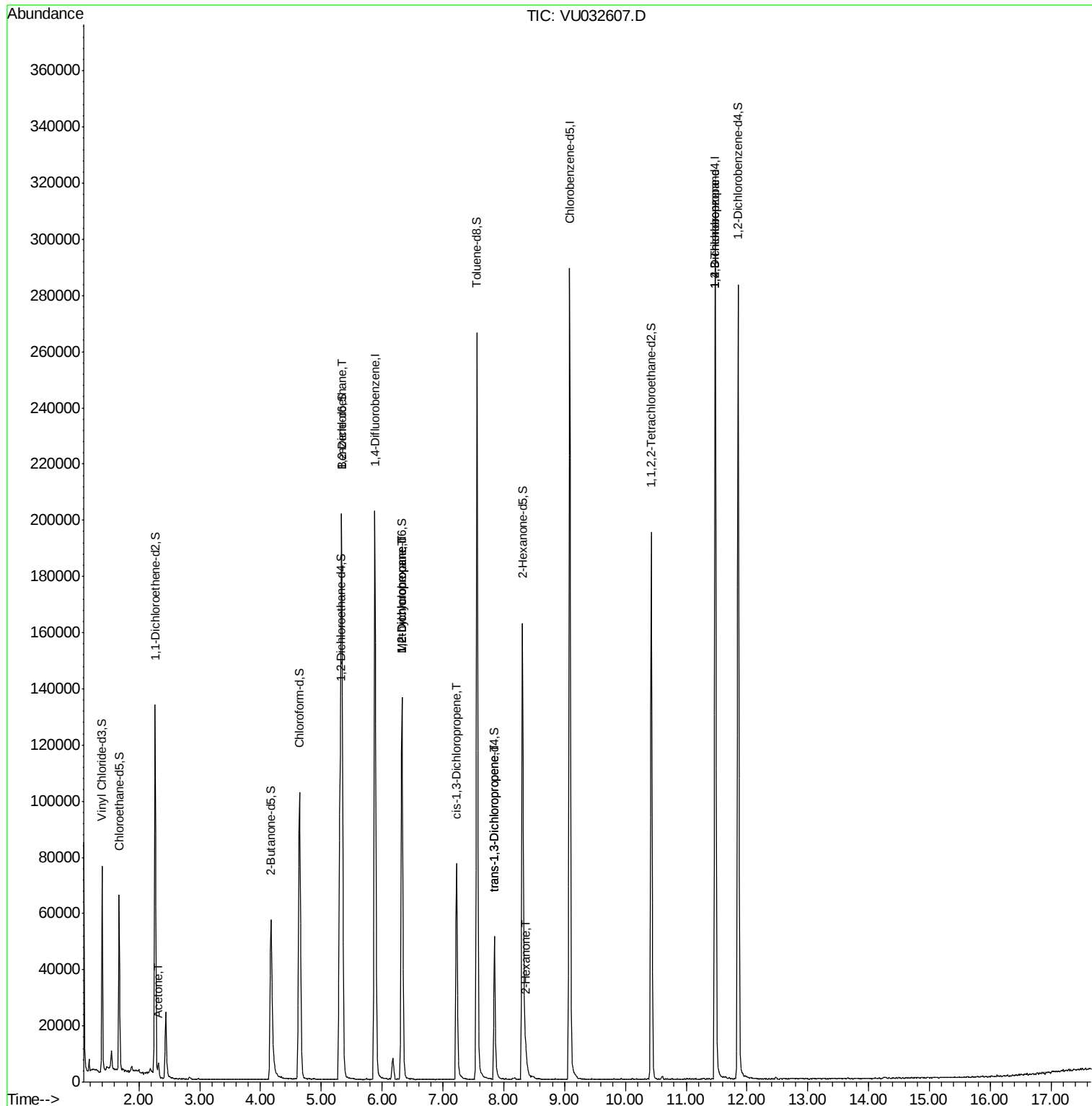
					Qvalue
13) Acetone	2.31	43	5381	5.573 ug/L	92
27) 1,2-Dichloroethane	5.33	62	1094	0.664 ug/L #	75
35) Methylcyclohexane	6.32	83	14611	7.227 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	7269	5.974 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2106	1.097 ug/L #	48
44) trans-1,3-Dichloropropene	7.85	75	1442	0.846 ug/L	97
48) 2-Hexanone	8.37	43	4513	2.807 ug/L #	56
59) 1,2,3-Trichloropropane	11.48	75	9810	6.202 ug/L	93

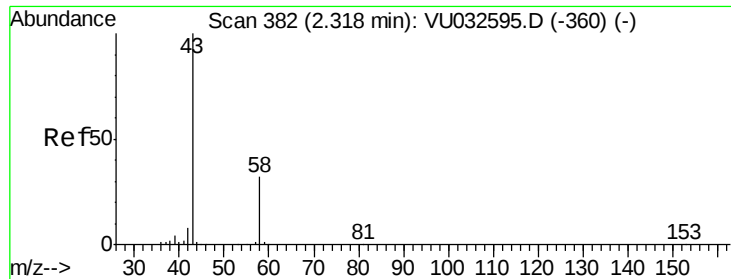
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.573 ug/L

RT: 2.31 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU032607.D

Acq: 11 Jun 2019 14:08

Instrument :

MSVOA_U

ClientSampleId :

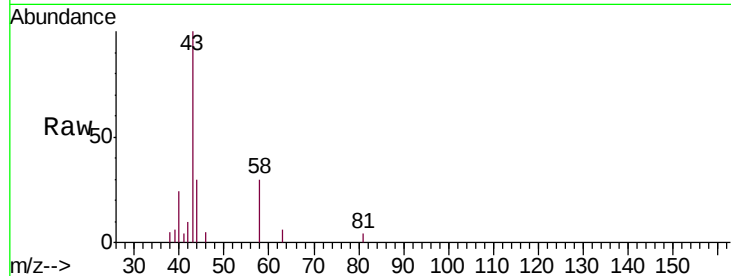
DB8P4

Tgt Ion: 43 Resp: 5381

Ion Ratio Lower Upper

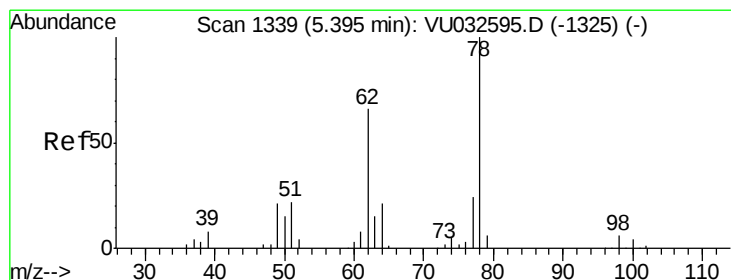
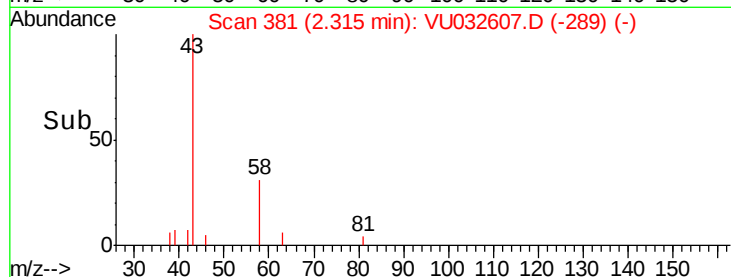
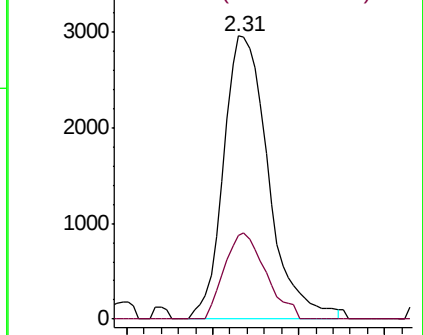
43 100

58 27.5 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032595.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU032595.D (-360) (-)



#27

1,2-Dichloroethane

Concen: 0.664 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.06 min

Lab File: VU032607.D

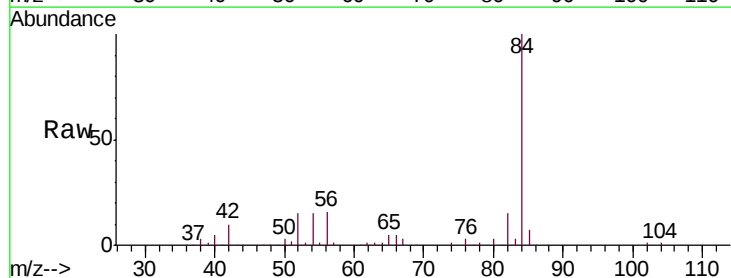
Acq: 11 Jun 2019 14:08

Tgt Ion: 62 Resp: 1094

Ion Ratio Lower Upper

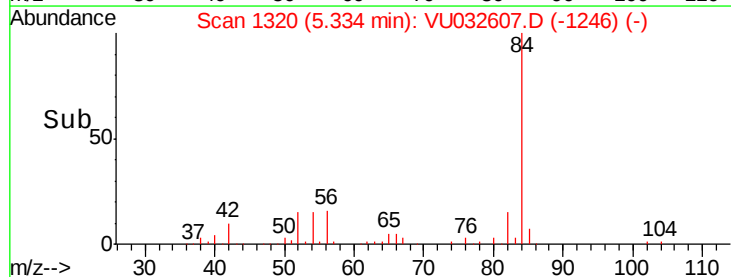
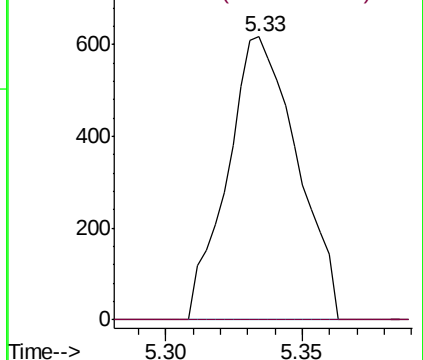
62 100

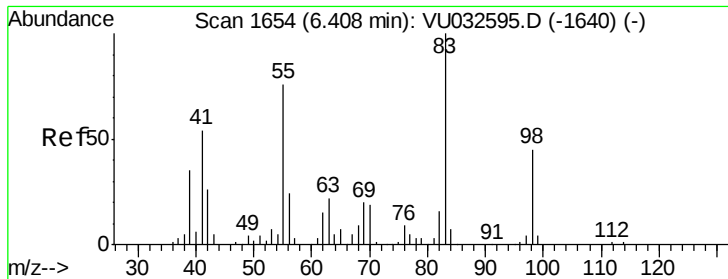
98 0.0 7.2 10.8#



Abundance Ion 62.00 (61.70 to 62.70): VU032595.D (-1325) (-)

Ion 98.00 (97.70 to 98.70): VU032595.D (-1325) (-)

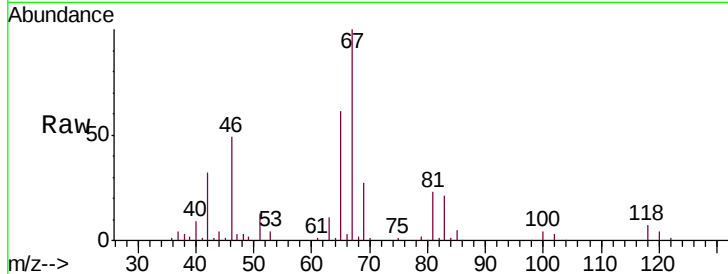




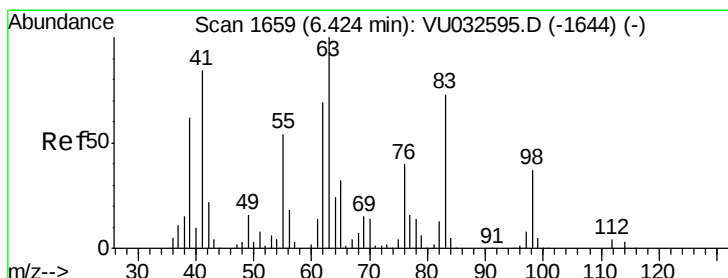
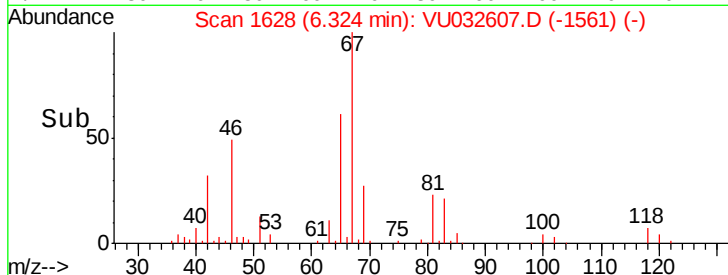
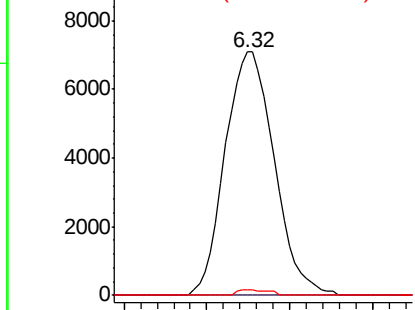
#35
Methylcyclohexane
Concen: 7.227 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032607.D
Acq: 11 Jun 2019 14:08

Instrument :
MSVOA_U
ClientSampleId :
DB8P4

Tgt Ion: 83 Resp: 14611
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.4#
98 1.4 37.4 56.2#

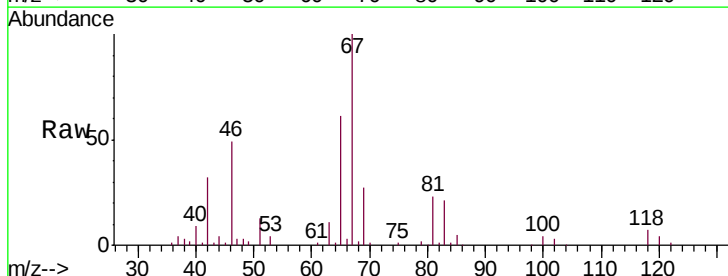


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

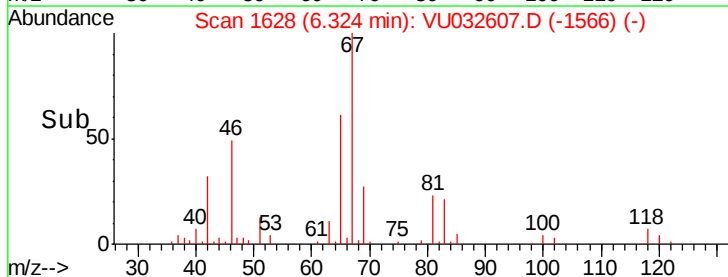
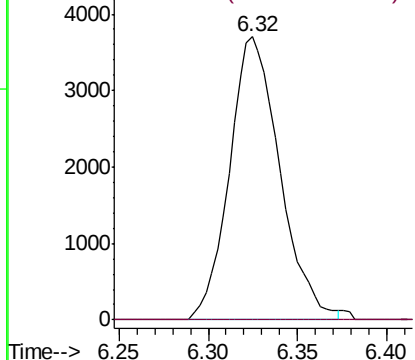


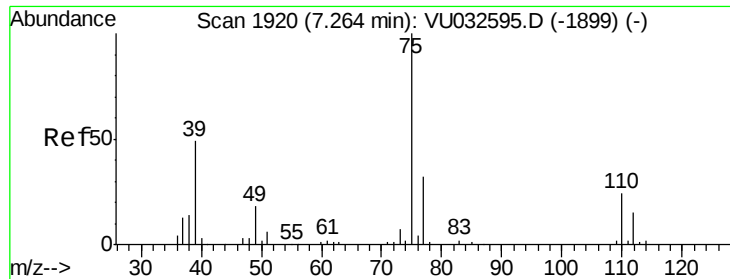
#37
1,2-Dichloropropane
Concen: 5.974 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032607.D
Acq: 11 Jun 2019 14:08

Tgt Ion: 63 Resp: 7269
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

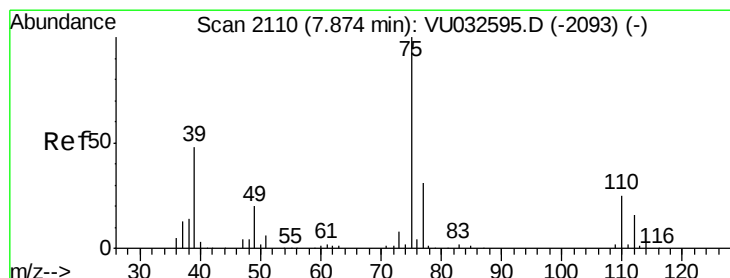
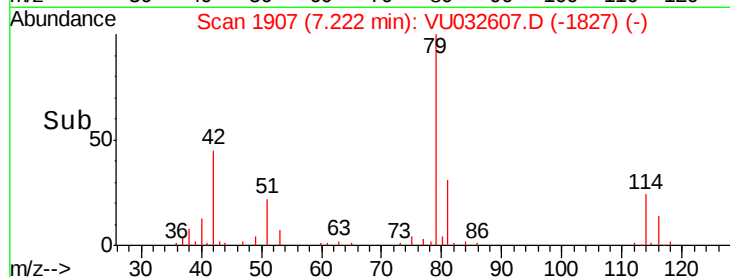
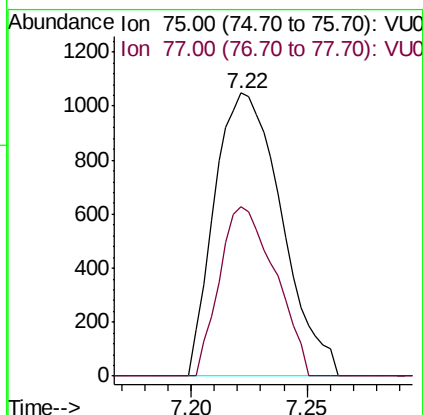
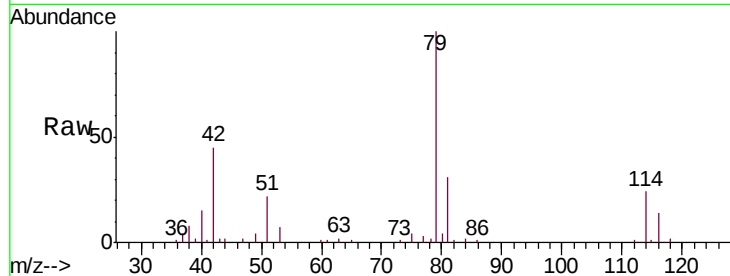




#39
 cis-1,3-Dichloropropene
 Concen: 1.097 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032607.D
 Acq: 11 Jun 2019 14:08

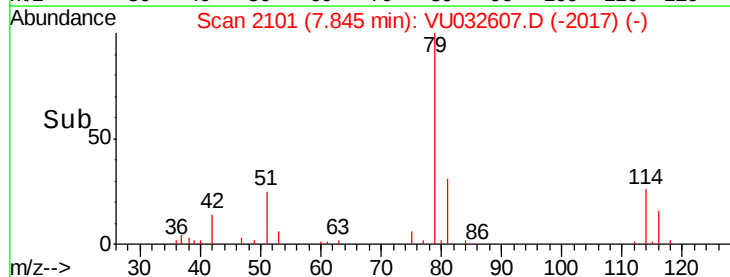
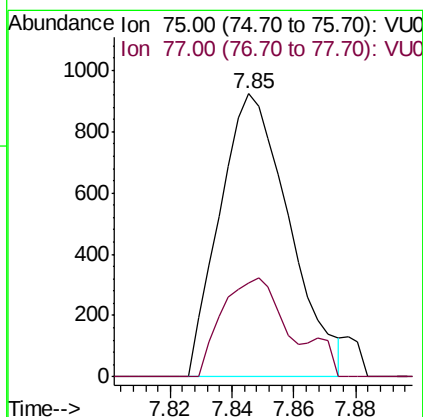
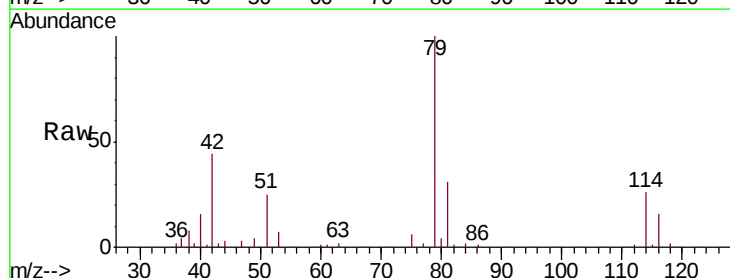
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8P4

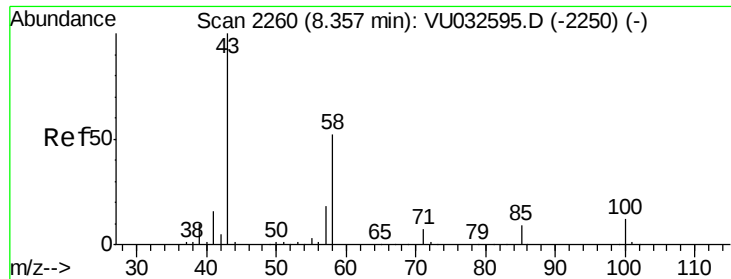
Tgt Ion: 75 Resp: 2106
 Ion Ratio Lower Upper
 75 100
 77 60.0 22.0 41.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.846 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU032607.D
 Acq: 11 Jun 2019 14:08

Tgt Ion: 75 Resp: 1442
 Ion Ratio Lower Upper
 75 100
 77 33.3 22.1 41.1

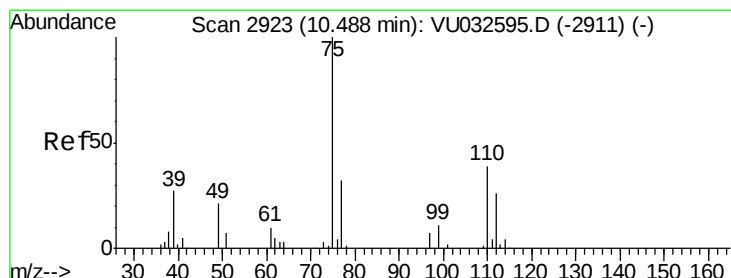
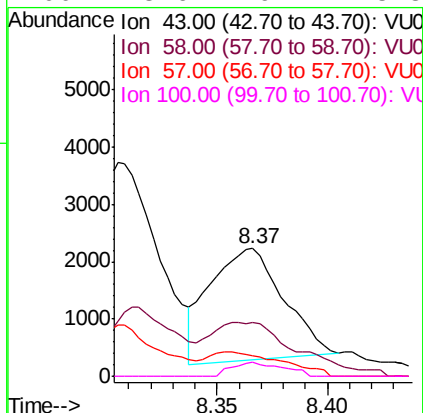
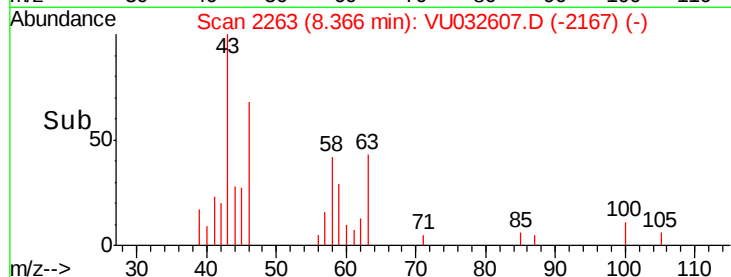
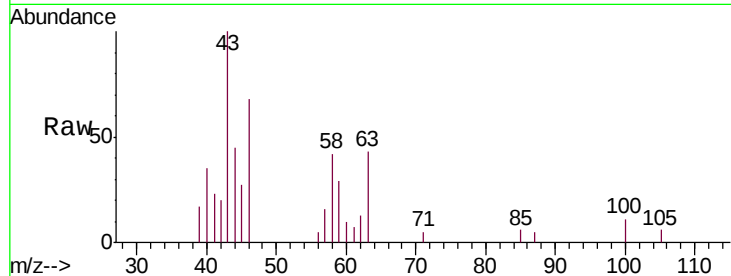




#48
2-Hexanone
Concen: 2.807 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU032607.D
Acq: 11 Jun 2019 14:08

Instrument :
MSVOA_U
ClientSampleId :
DB8P4

Tgt Ion: 43 Resp: 4513
Ion Ratio Lower Upper
43 100
58 7.4 42.0 63.0#
57 14.0 14.6 22.0#
100 8.6 9.2 13.8#



#59
1,2,3-Trichloropropane
Concen: 6.202 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032607.D
Acq: 11 Jun 2019 14:08

Tgt Ion: 75 Resp: 9810
Ion Ratio Lower Upper
75 100
77 35.9 25.6 38.4

