

Data File : VU032622.D
Acq On : 11 Jun 2019 20:01
Operator : JC/SP
Sample : K3293-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8Q4

Quant Time: Jun 12 07:33:21 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	168671	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	160623	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	80011	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43600	39.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.68%
7) Chloroethane-d5	1.68	69	37941	43.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.28%
11) 1,1-Dichloroethene-d2	2.27	63	68846	32.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.26%
21) 2-Butanone-d5	4.17	46	88552	96.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.69%
24) Chloroform-d	4.64	84	97961	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.30	65	66522	51.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.48%
32) Benzene-d6	5.33	84	193611	46.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.86%
36) 1,2-Dichloropropane-d6	6.32	67	63905	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.74%
41) Toluene-d8	7.56	98	174770	44.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.85	79	27781	44.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.80%
47) 2-Hexanone-d5	8.31	63	50453	79.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	92981	49.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	75860	49.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

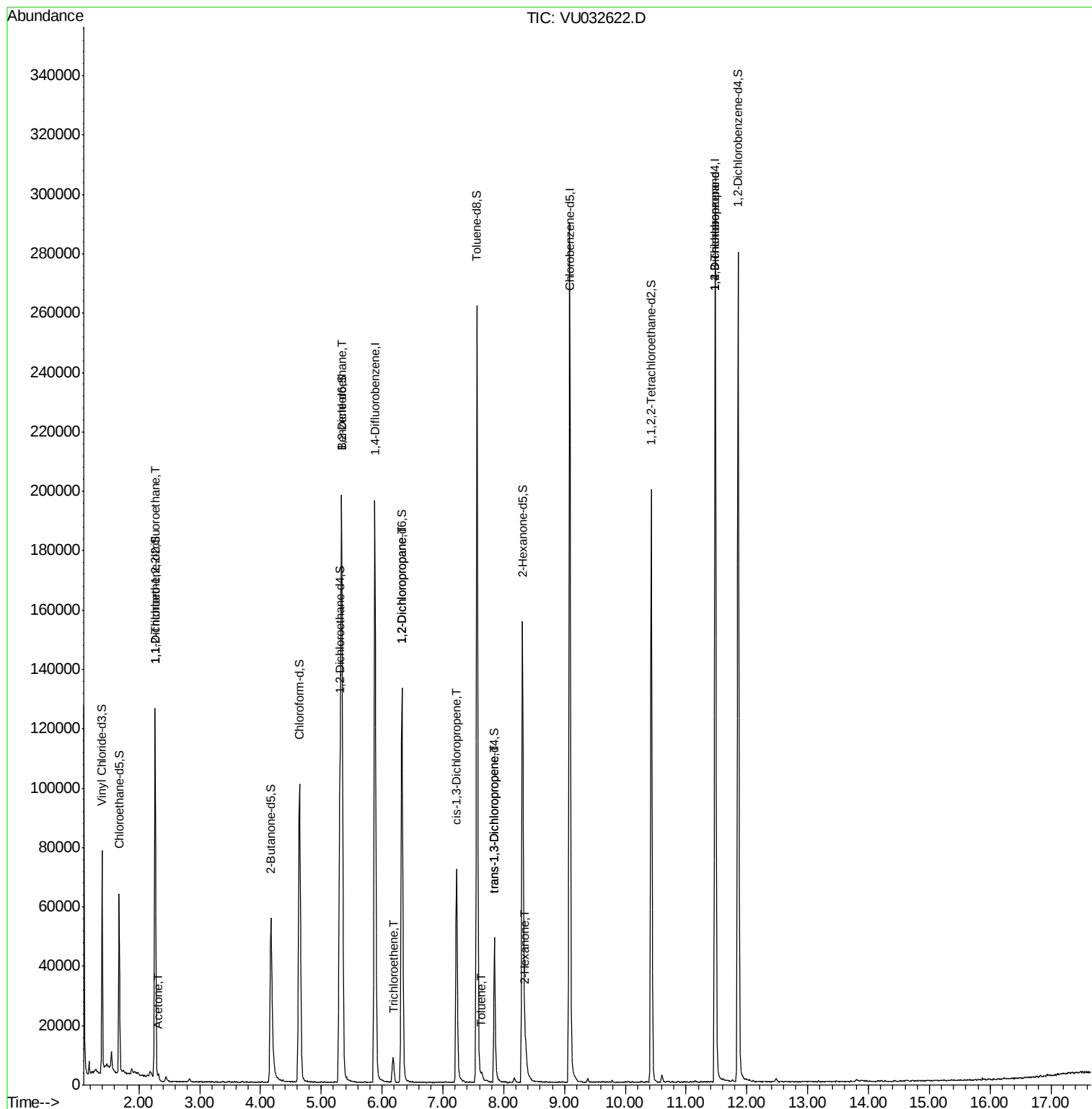
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	594	0.576 ug/L #	18
13) Acetone	2.32	43	1991	2.107 ug/L	85
27) 1,2-Dichloroethane	5.33	62	1053	0.653 ug/L #	75
34) Trichloroethene	6.19	95	1764	1.437 ug/L	84
37) 1,2-Dichloropropane	6.32	63	7111	5.944 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1924	1.019 ug/L	90
42) Toluene	7.64	91	1716	0.347 ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	1123	0.670 ug/L	84
48) 2-Hexanone	8.36	43	5437	3.439 ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	9153	5.885 ug/L	91

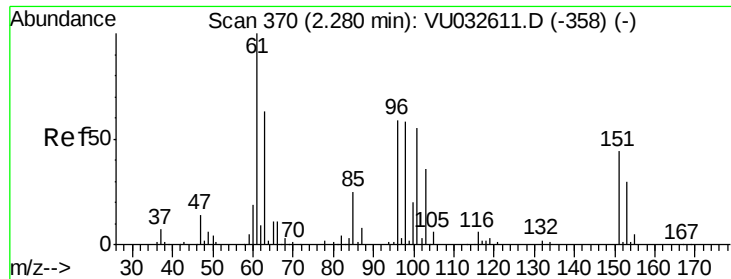
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.576 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032622.D

Acq: 11 Jun 2019 20:01

Instrument :

MSVOA_U

ClientSampleId :

DB8Q4

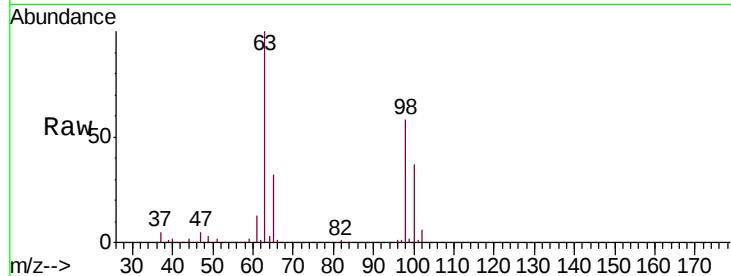
Tgt Ion:101 Resp: 594

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

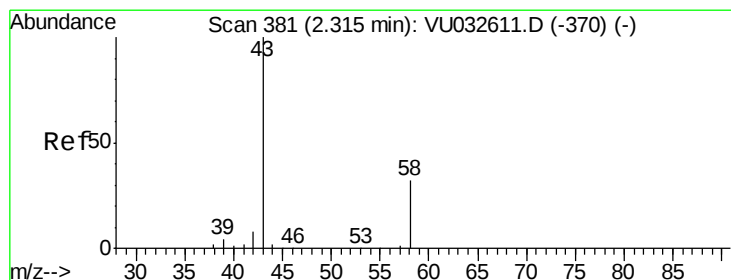
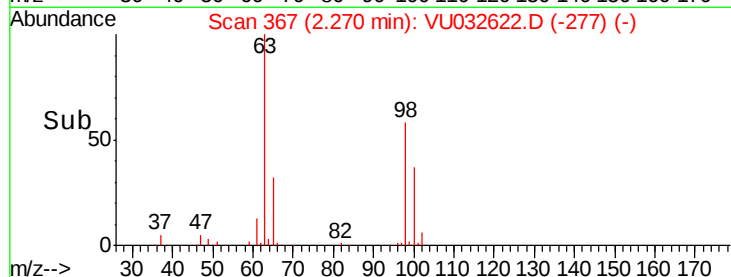
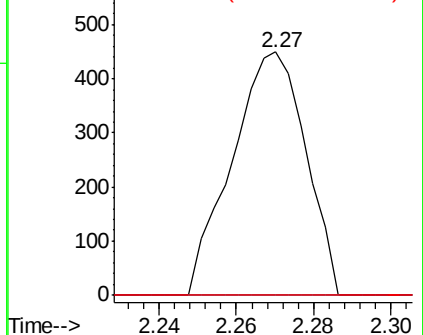
151 0.0 63.0 94.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.107 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032622.D

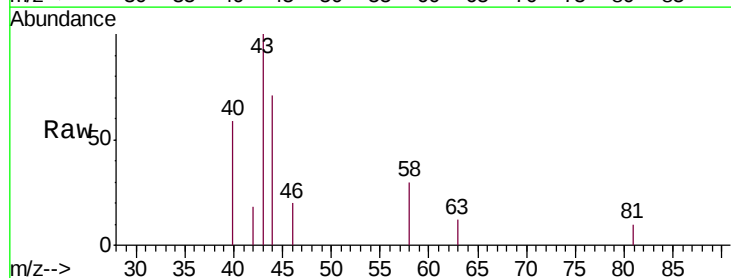
Acq: 11 Jun 2019 20:01

Tgt Ion: 43 Resp: 1991

Ion Ratio Lower Upper

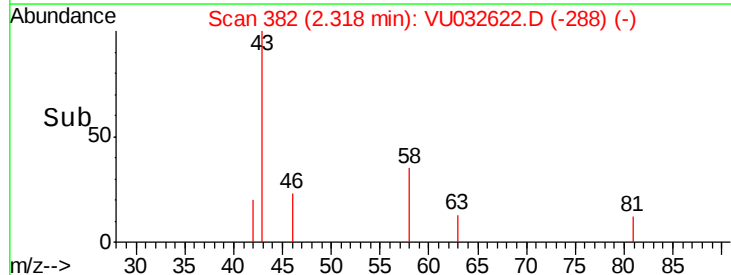
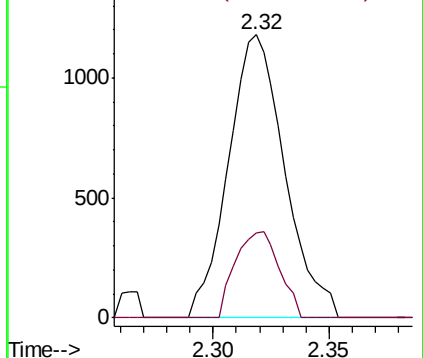
43 100

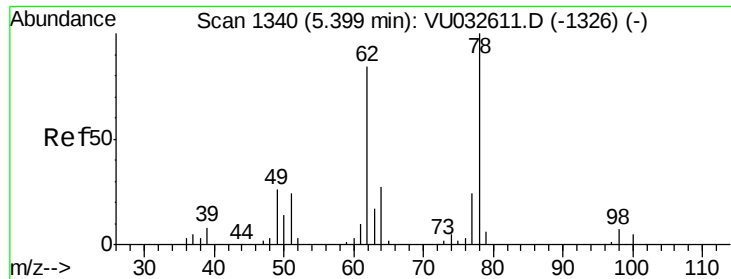
58 23.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

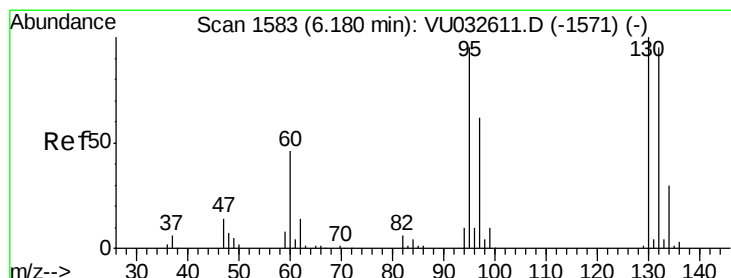
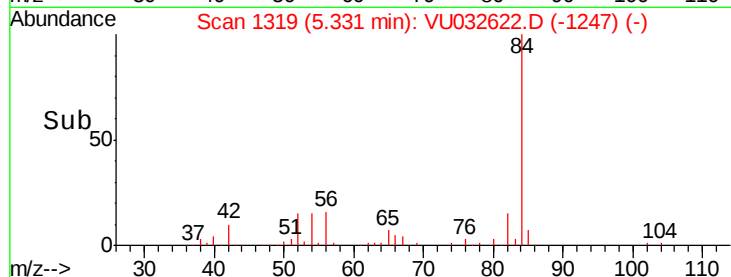
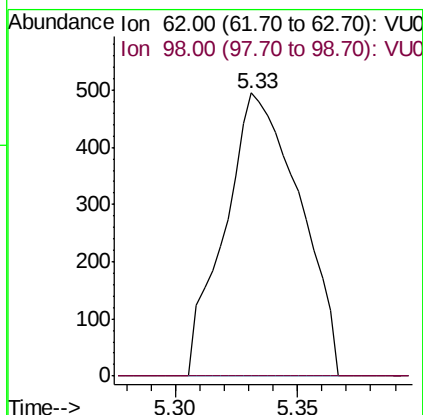
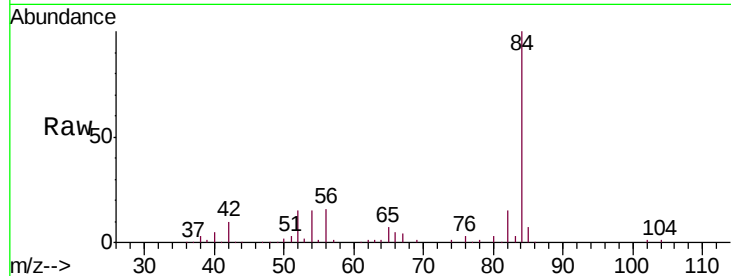




#27
 1,2-Dichloroethane
 Concen: 0.653 ug/L
 RT: 5.33 min Scan# 1319
 Delta R.T. -0.07 min
 Lab File: VU032622.D
 Acq: 11 Jun 2019 20:01

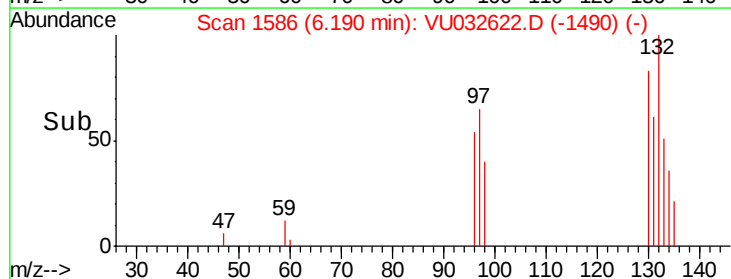
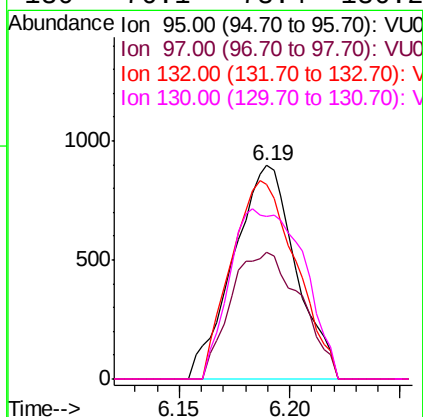
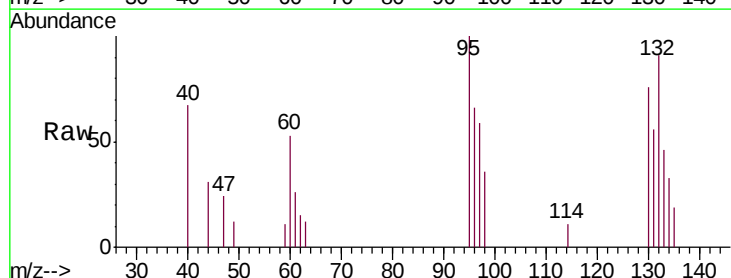
Instrument :
 MSVOA_U
 ClientSampled :
 DB8Q4

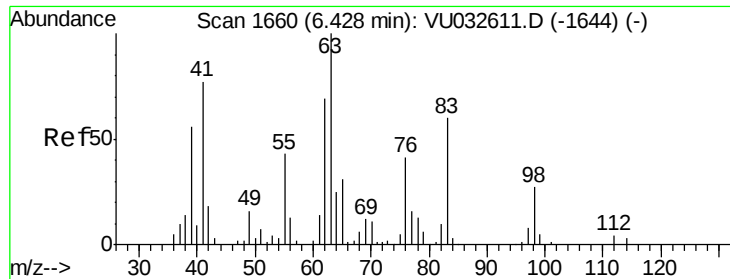
Tgt Ion: 62 Resp: 1053
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#34
 Trichloroethene
 Concen: 1.437 ug/L
 RT: 6.19 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VU032622.D
 Acq: 11 Jun 2019 20:01

Tgt Ion: 95 Resp: 1764
 Ion Ratio Lower Upper
 95 100
 97 59.4 45.8 85.2
 132 91.3 71.0 131.8
 130 76.1 73.4 136.2

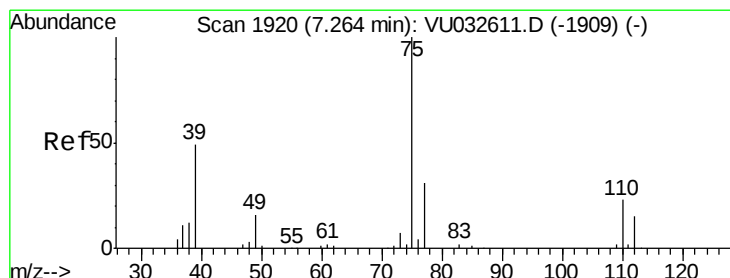
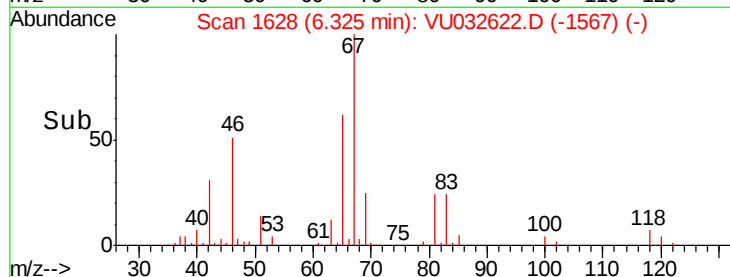
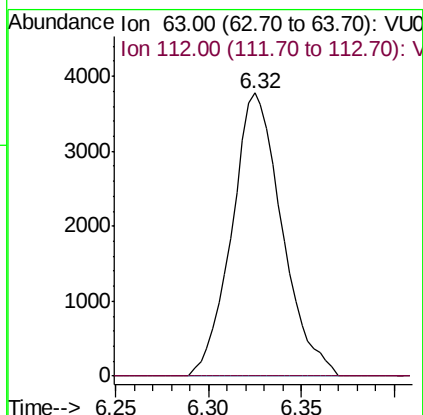
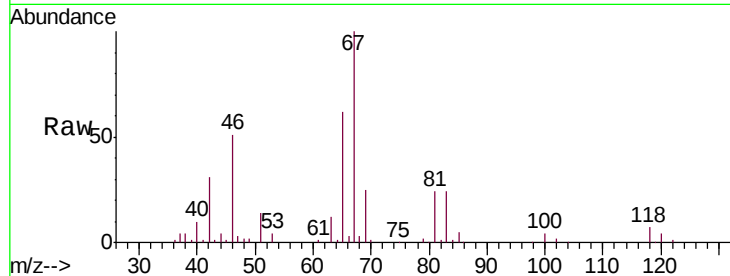




#37
 1,2-Dichloropropane
 Concen: 5.944 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032622.D
 Acq: 11 Jun 2019 20:01

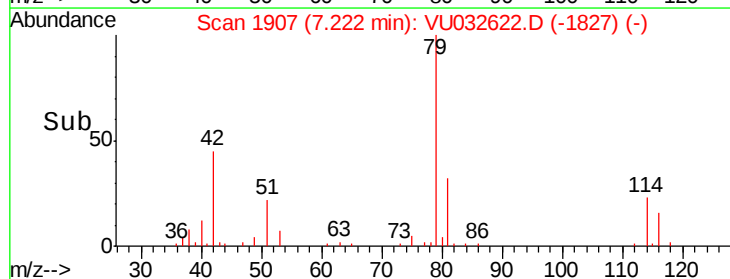
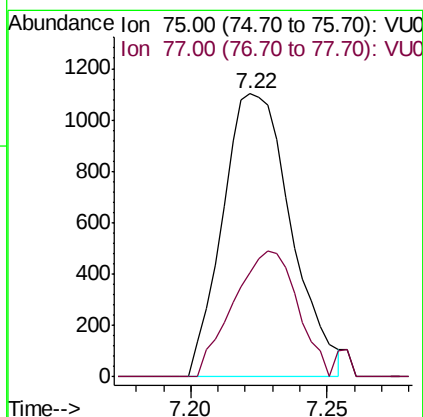
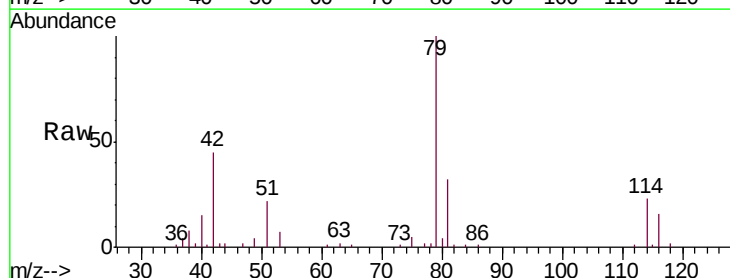
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8Q4

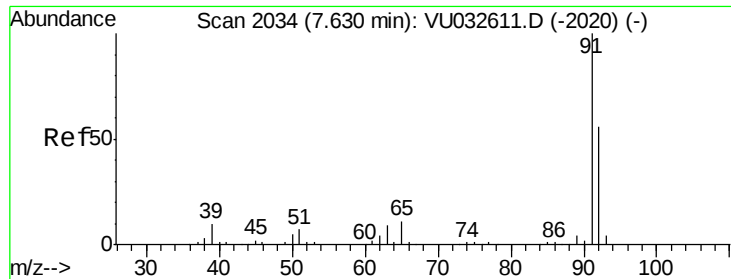
Tgt Ion: 63 Resp: 7111
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.019 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032622.D
 Acq: 11 Jun 2019 20:01

Tgt Ion: 75 Resp: 1924
 Ion Ratio Lower Upper
 75 100
 77 36.9 22.0 41.0





#42

Toluene

Concen: 0.347 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. 0.01 min

Lab File: VU032622.D

Acq: 11 Jun 2019 20:01

Instrument :

MSVOA_U

ClientSampleId :

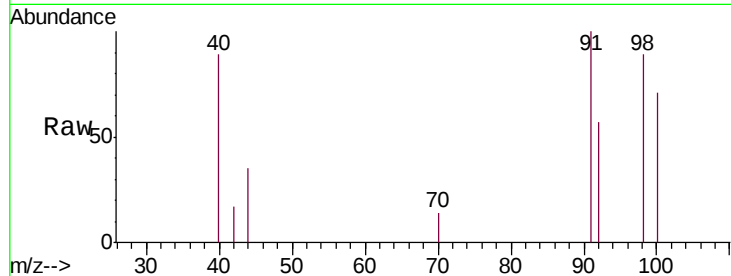
DB8Q4

Tgt Ion: 91 Resp: 1716

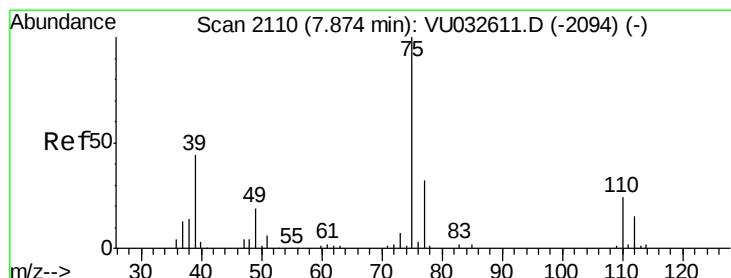
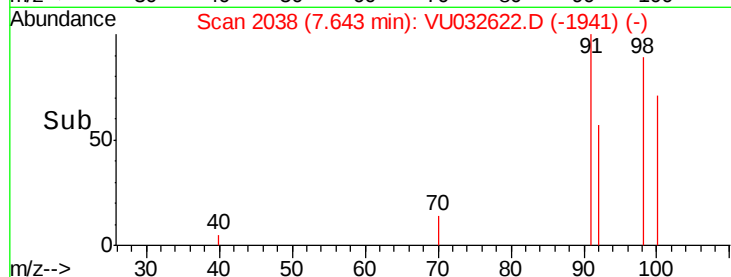
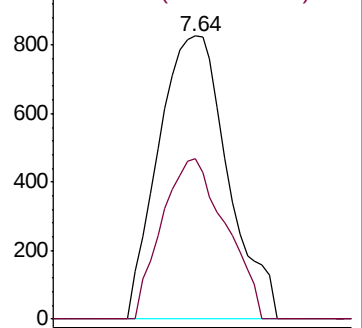
Ion Ratio Lower Upper

91 100

92 56.8 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VU032611.D (-2020) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.670 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU032622.D

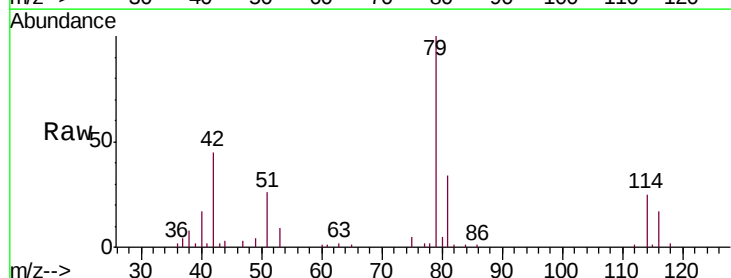
Acq: 11 Jun 2019 20:01

Tgt Ion: 75 Resp: 1123

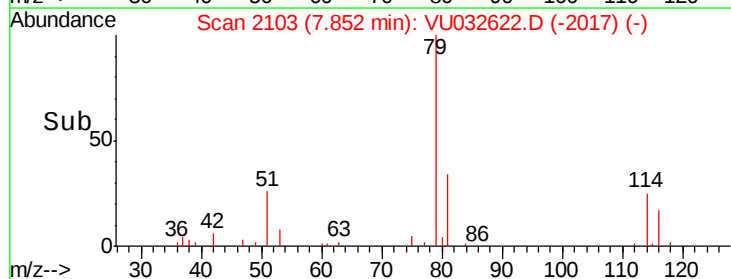
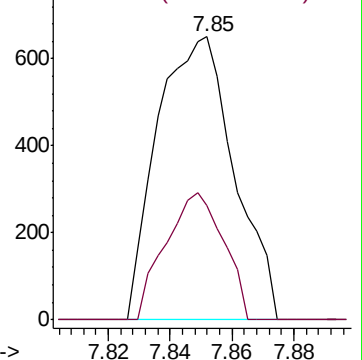
Ion Ratio Lower Upper

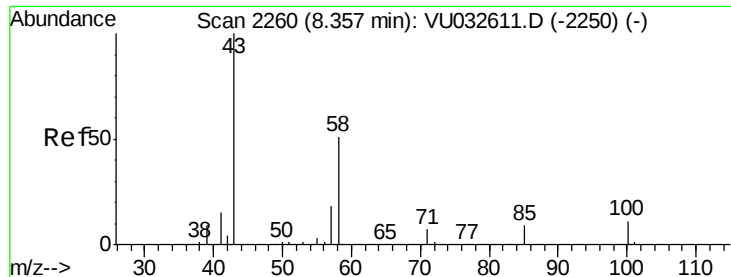
75 100

77 40.2 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU032611.D (-2094) (-)

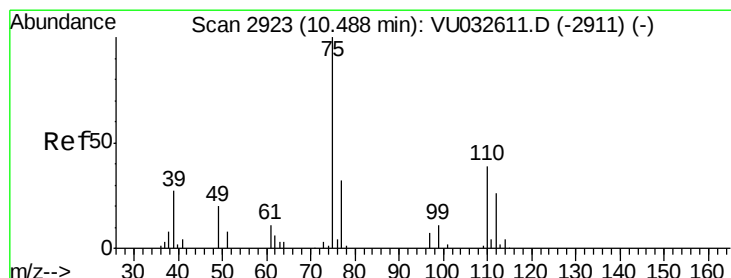
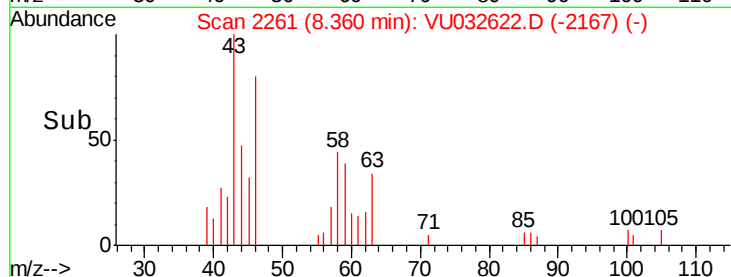
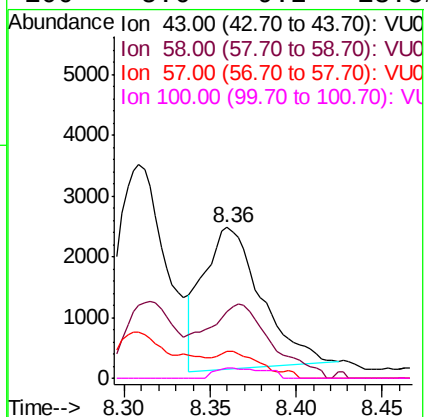
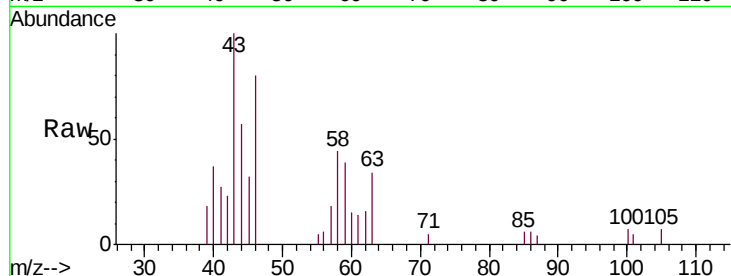




#48
 2-Hexanone
 Concen: 3.439 ug/L
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: VU032622.D
 Acq: 11 Jun 2019 20:01

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8Q4

Tgt Ion: 43 Resp: 5437
 Ion Ratio Lower Upper
 43 100
 58 43.9 42.0 63.0
 57 8.0 14.6 22.0#
 100 5.6 9.2 13.8#



#59
 1,2,3-Trichloropropane
 Concen: 5.885 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032622.D
 Acq: 11 Jun 2019 20:01

Tgt Ion: 75 Resp: 9153
 Ion Ratio Lower Upper
 75 100
 77 36.9 25.6 38.4

