

Data File : VU036328.D
Acq On : 23 Dec 2019 16:01
Operator : JC/MD
Sample : K6282-16DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDX2DL

Quant Time: Dec 24 00:22:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 00:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	261240	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	282271	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	117302	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	136408	5.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.60%
7) Chloroethane-d5	1.93	69	115890	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.59	63	140624	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	4.68	46	223540	51.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.74%
24) Chloroform-d	5.11	84	192295	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.75	65	101425	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.77	84	377699	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.73	67	119672	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.93	98	314164	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	8.21	79	45272	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.67	63	172469	49.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.06%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	98495	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	122875	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.60	96	1992	0.103 ug/L #	1
13) Acetone	2.67	43	10967	2.920 ug/L	100
16) Methylene chloride	3.09	84	5165	0.181 ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	19212	0.882 ug/L	99
34) Trichloroethene	6.58	95	227634	10.178 ug/L	99
35) Methylcyclohexane	6.73	83	28998	0.912 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	13106	0.592 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2901	0.096 ug/L #	47
42) Toluene	8.00	91	26303	0.283 ug/L	98
59) 1,2,3-Trichloropropane	11.84	75	13763	0.936 ug/L	95

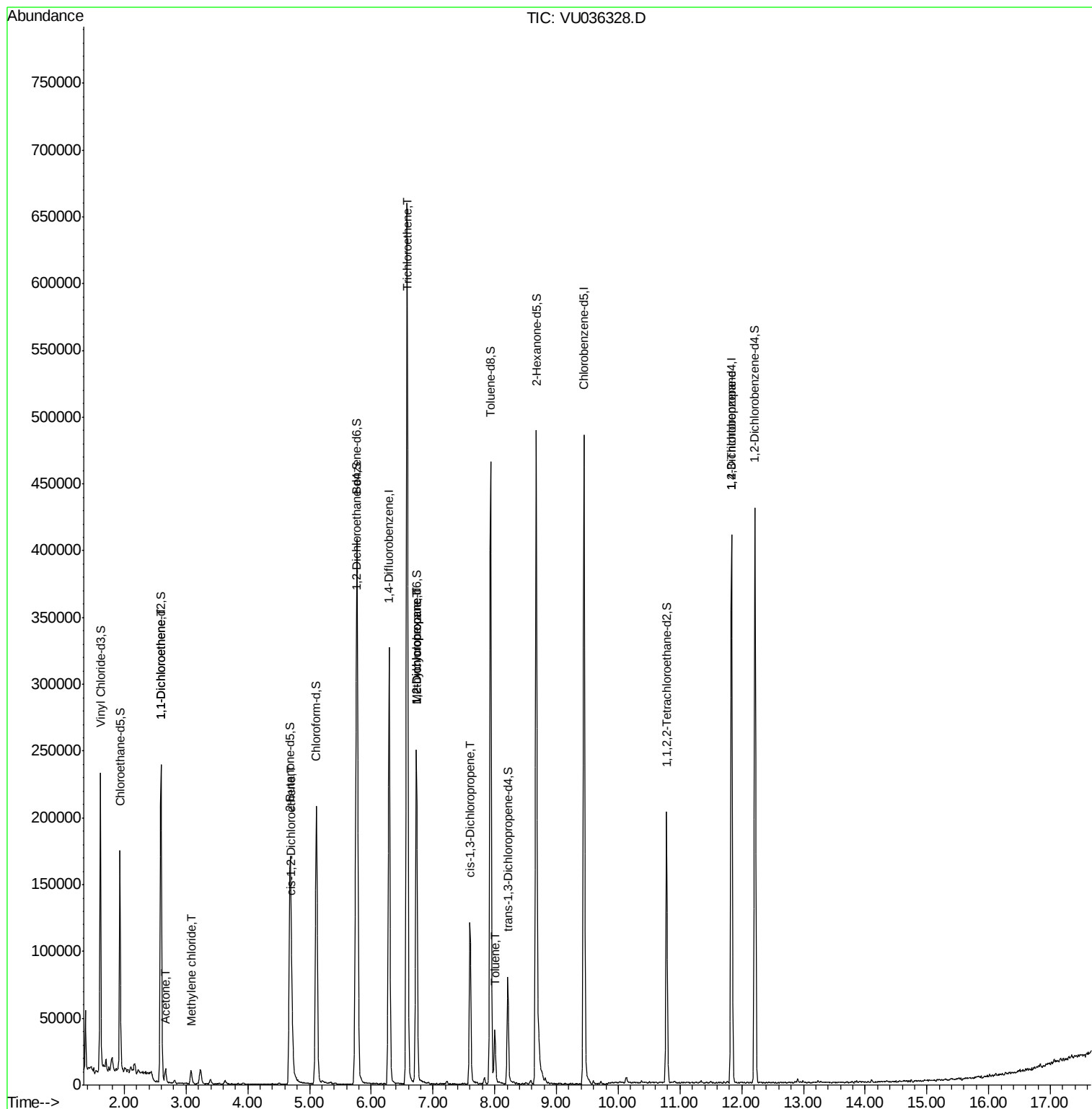
(#) = qualifier out of range (m) = manual integration (+) = signals summed

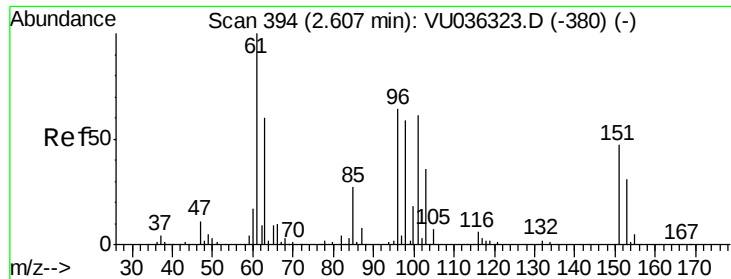
Data File : VU036328.D

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ALS Vial    : 1      Sample Multiplier: 1
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Instrument :
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ClientSampleId :
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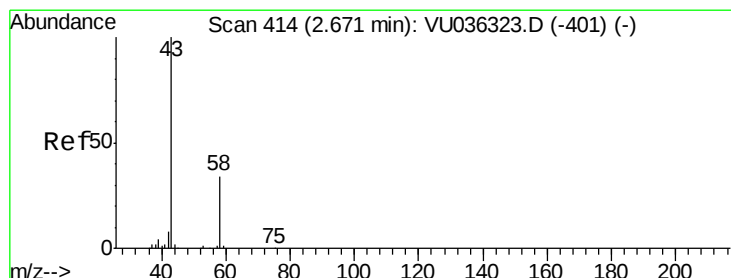
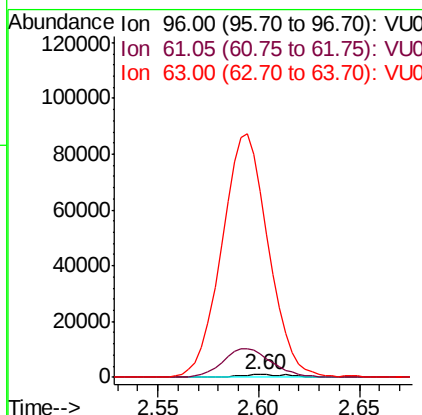
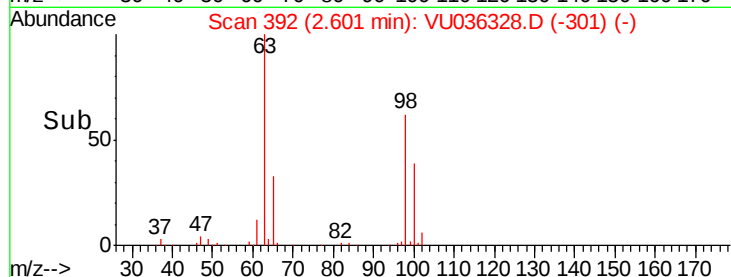
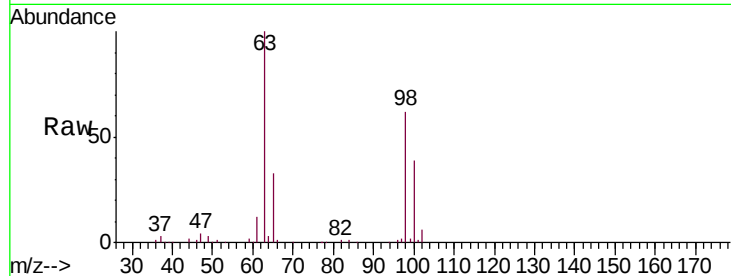




#12
 1,1-Dichloroethene
 Concen: 0.103 ug/L
 RT: 2.60 min Scan# 392
 Delta R.T. -0.01 min
 Lab File: VU036328.D
 Acq: 23 Dec 2019 16:01

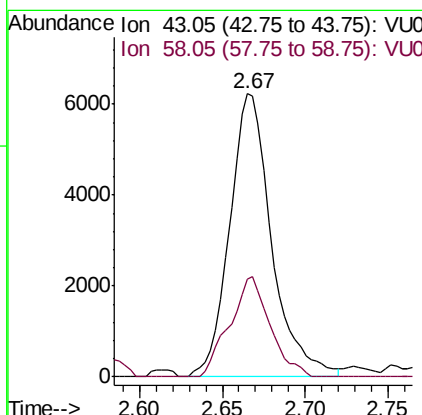
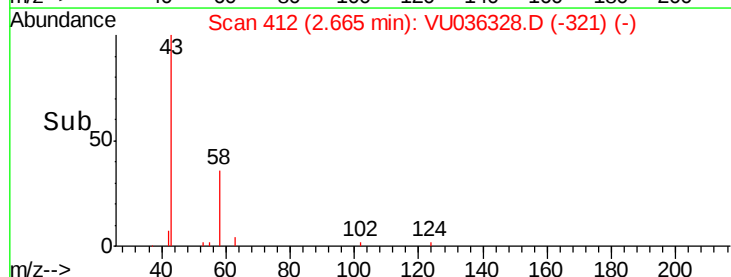
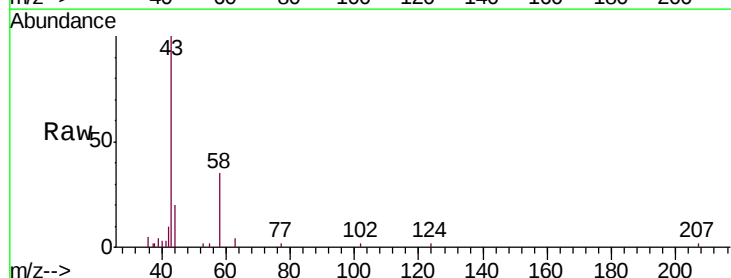
Instrument :
 MSVOA_U
 ClientSampleId :
 BFDX2DL

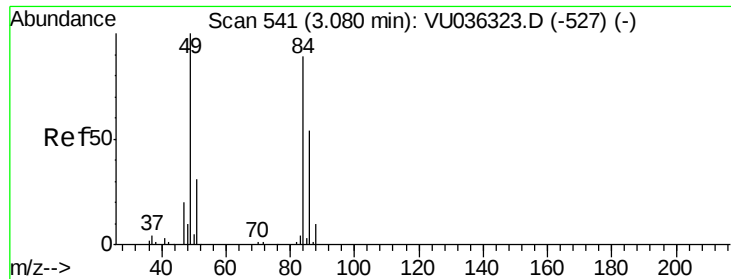
Tgt Ion: 96 Resp: 1992
 Ion Ratio Lower Upper
 96 100
 61 859.8 114.0 211.8#
 63 6910.7 63.6 118.0#



#13
 Acetone
 Concen: 2.920 ug/L
 RT: 2.67 min Scan# 412
 Delta R.T. -0.01 min
 Lab File: VU036328.D
 Acq: 23 Dec 2019 16:01

Tgt Ion: 43 Resp: 10967
 Ion Ratio Lower Upper
 43 100
 58 34.0 0.0 67.6

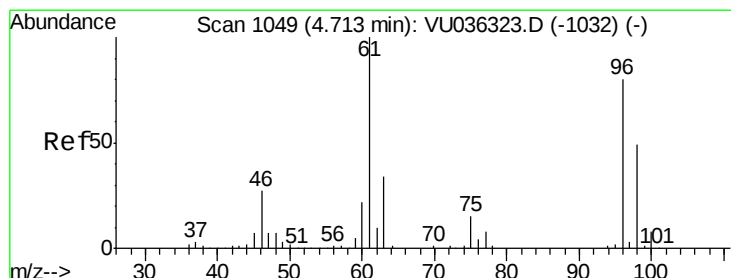
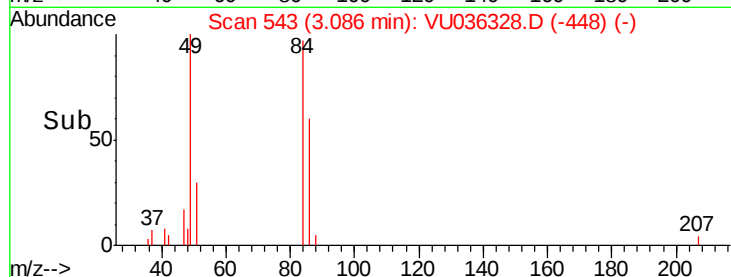
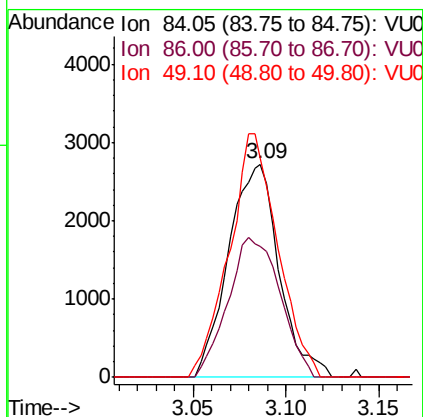
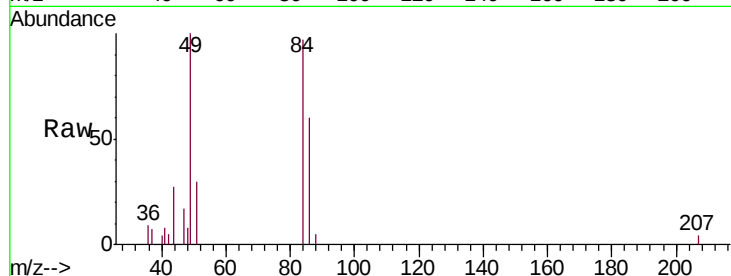




#16
Methylene chloride
Concen: 0.181 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.01 min
Lab File: VU036328.D
Acq: 23 Dec 2019 16:01

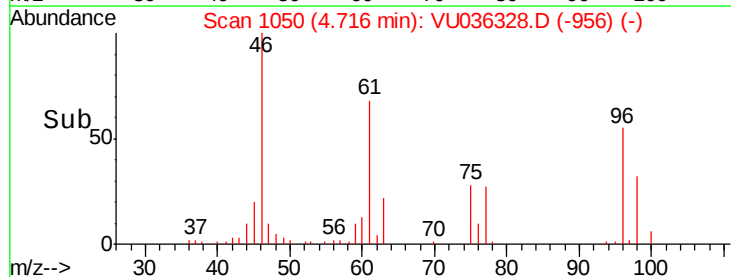
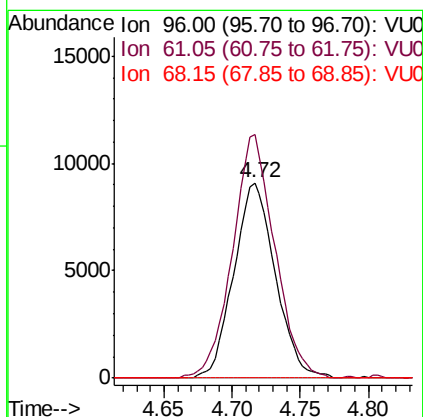
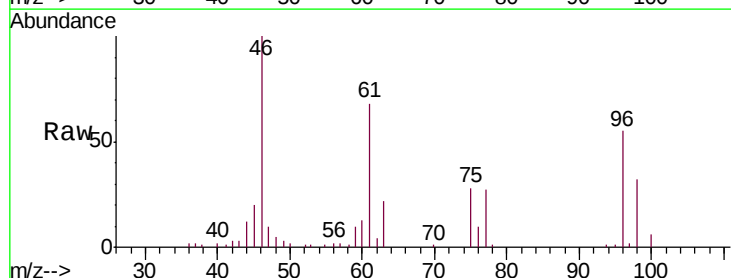
Instrument :
MSVOA_U
ClientSampleId :
BFDX2DL

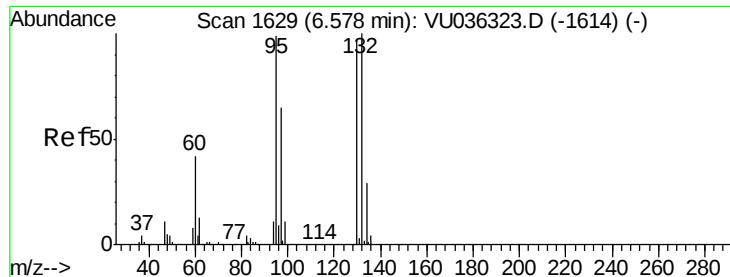
Tgt Ion: 84 Resp: 5165
Ion Ratio Lower Upper
84 100
86 61.6 43.0 79.8
49 103.0 77.3 143.5



#22
cis-1,2-Dichloroethene
Concen: 0.882 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU036328.D
Acq: 23 Dec 2019 16:01

Tgt Ion: 96 Resp: 19212
Ion Ratio Lower Upper
96 100
61 124.8 86.7 161.1
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 10.178 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036328.D

Acq: 23 Dec 2019 16:01

Instrument :

MSVOA_U

ClientSampleId :

BFDX2DL

Tgt Ion: 95 Resp: 227634

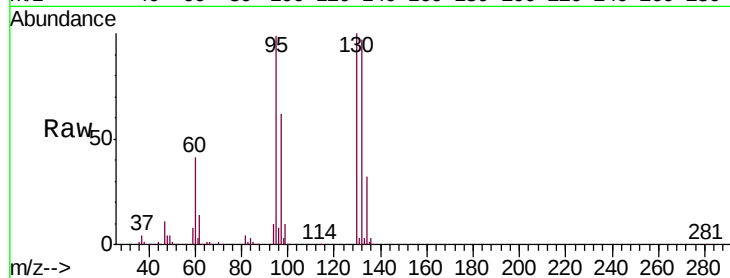
Ion Ratio Lower Upper

95 100

97 62.8 43.6 81.0

132 97.9 69.6 129.2

130 101.2 70.3 130.7

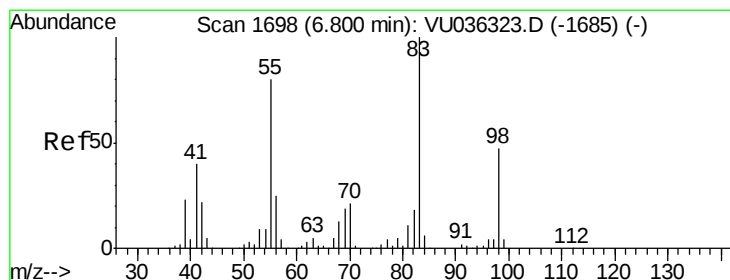
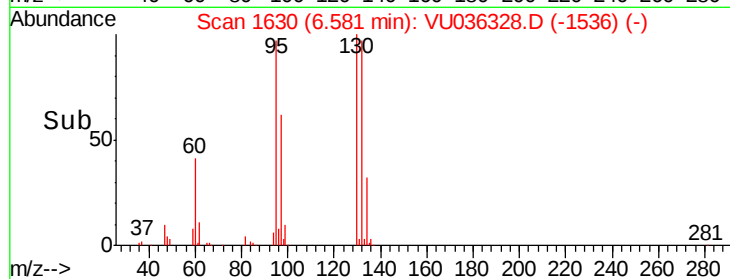
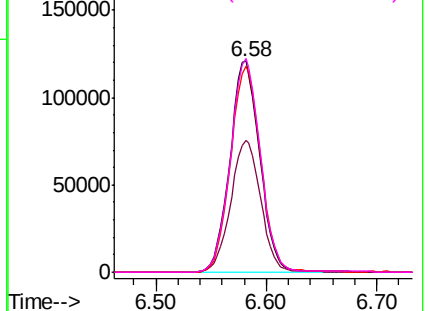


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.912 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036328.D

Acq: 23 Dec 2019 16:01

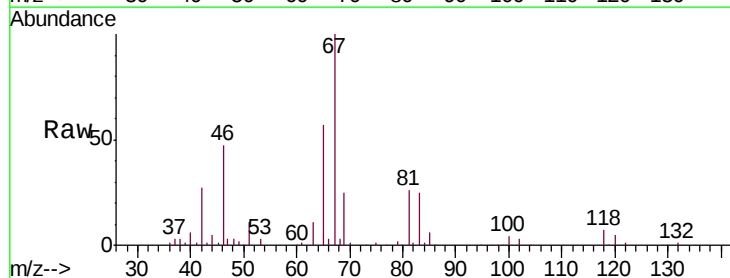
Tgt Ion: 83 Resp: 28998

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

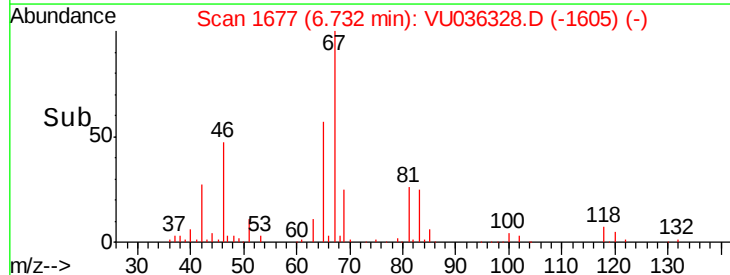
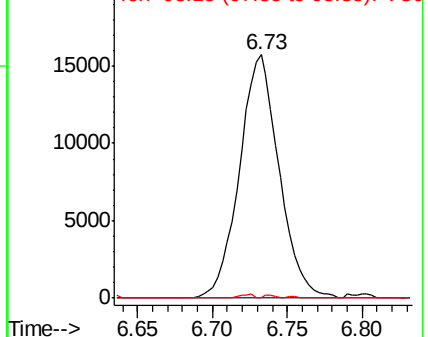
98 2.7 36.2 54.2#

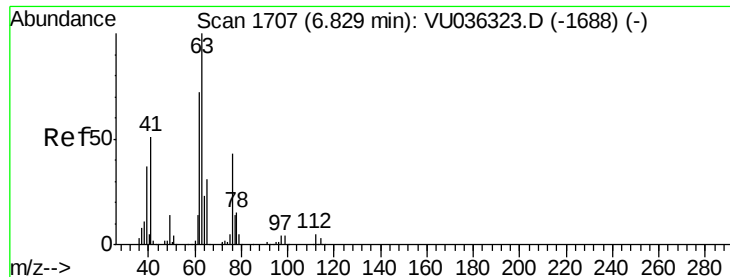


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.592 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.10 min

Lab File: VU036328.D

Acq: 23 Dec 2019 16:01

Instrument :

MSVOA_U

ClientSampleId :

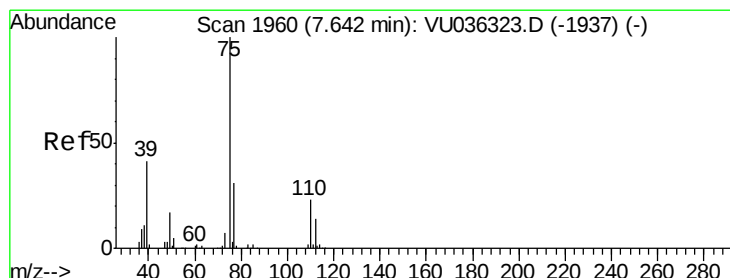
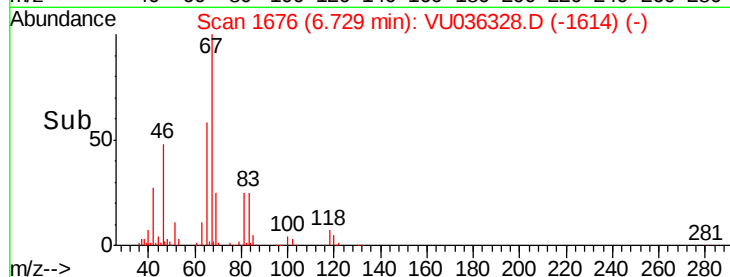
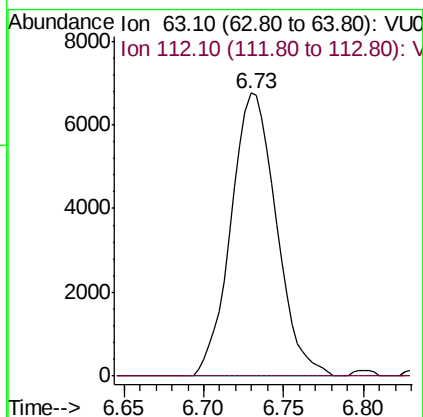
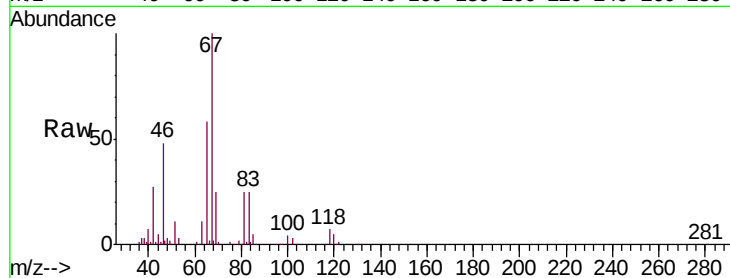
BFDX2DL

Tgt Ion: 63 Resp: 13106

Ion Ratio Lower Upper

63 100

112 0.3 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU036328.D

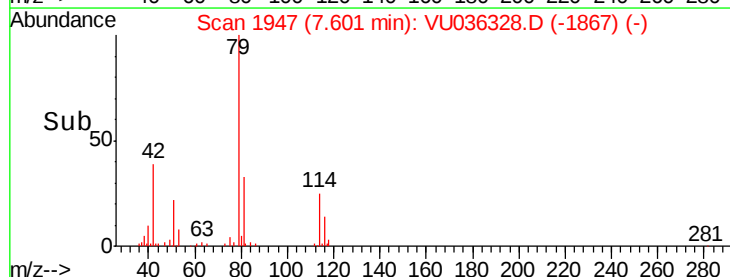
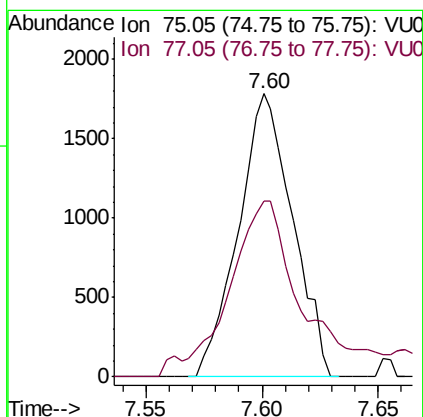
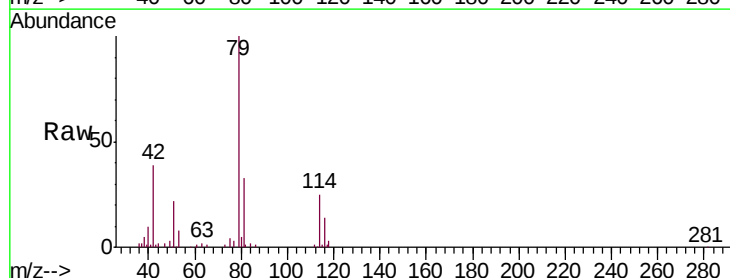
Acq: 23 Dec 2019 16:01

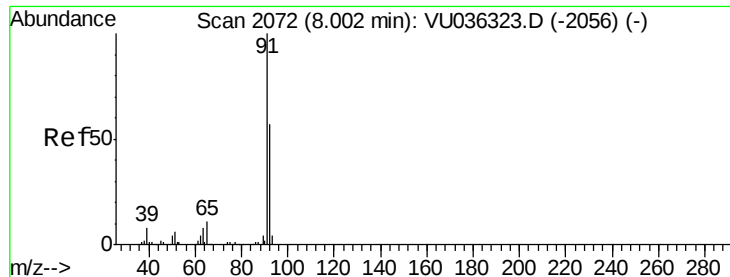
Tgt Ion: 75 Resp: 2901

Ion Ratio Lower Upper

75 100

77 62.1 22.7 42.1#





#42

Toluene

Concen: 0.283 ug/L

RT: 8.00 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VU036328.D

Acq: 23 Dec 2019 16:01

Instrument :

MSVOA_U

ClientSampleId :

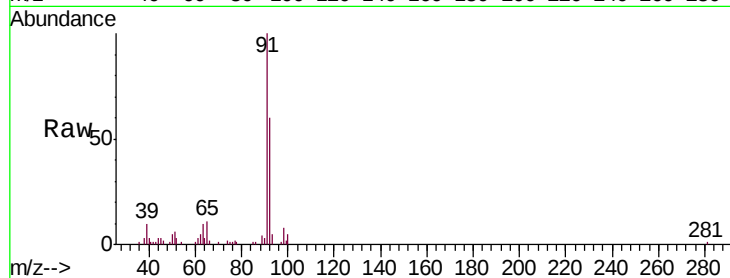
BFDX2DL

Tgt Ion: 91 Resp: 26303

Ion Ratio Lower Upper

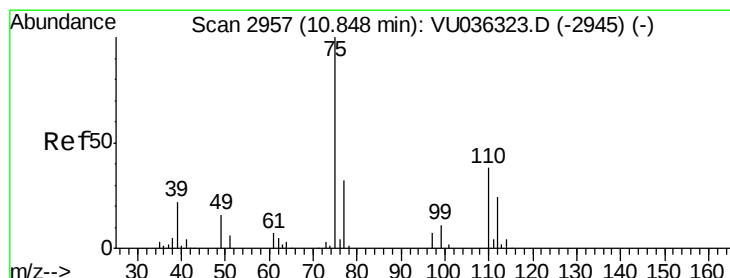
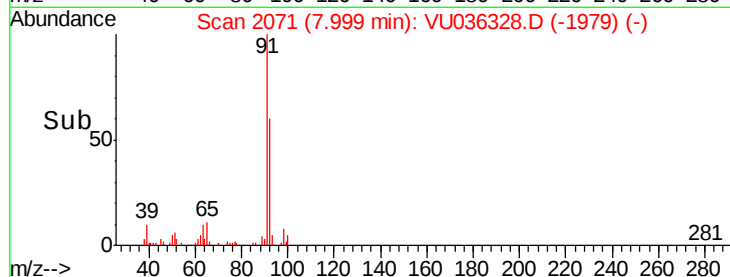
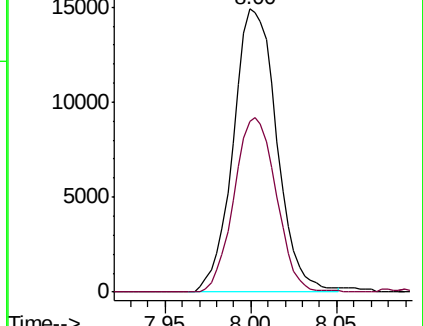
91 100

92 60.2 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VU036323.D (-2056) (-)

Ion 92.15 (91.85 to 92.85): VU036323.D (-2056) (-)



#59

1,2,3-Trichloropropane

Concen: 0.936 ug/L

RT: 11.84 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036328.D

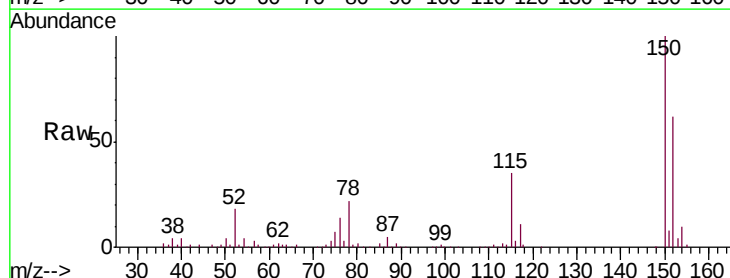
Acq: 23 Dec 2019 16:01

Tgt Ion: 75 Resp: 13763

Ion Ratio Lower Upper

75 100

77 37.1 27.2 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU036323.D (-2945) (-)

Ion 77.00 (76.70 to 77.70): VU036323.D (-2945) (-)

