

Data File : VU036326.D
Acq On : 23 Dec 2019 15:13
Operator : JC/MD
Sample : K6282-14DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDX0DL

Quant Time: Dec 24 00:22:05 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	258937	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	279691	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	113511	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	136561	5.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.80%
7) Chloroethane-d5	1.93	69	115752	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.20%
11) 1,1-Dichloroethene-d2	2.59	63	139709	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	4.69	46	224759	52.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.22%
24) Chloroform-d	5.11	84	191111	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.75	65	101208	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.77	84	368084	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.73	67	117439	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.93	98	312352	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.21	79	43916	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.67	63	173390	49.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.50%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	97789	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	116272	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

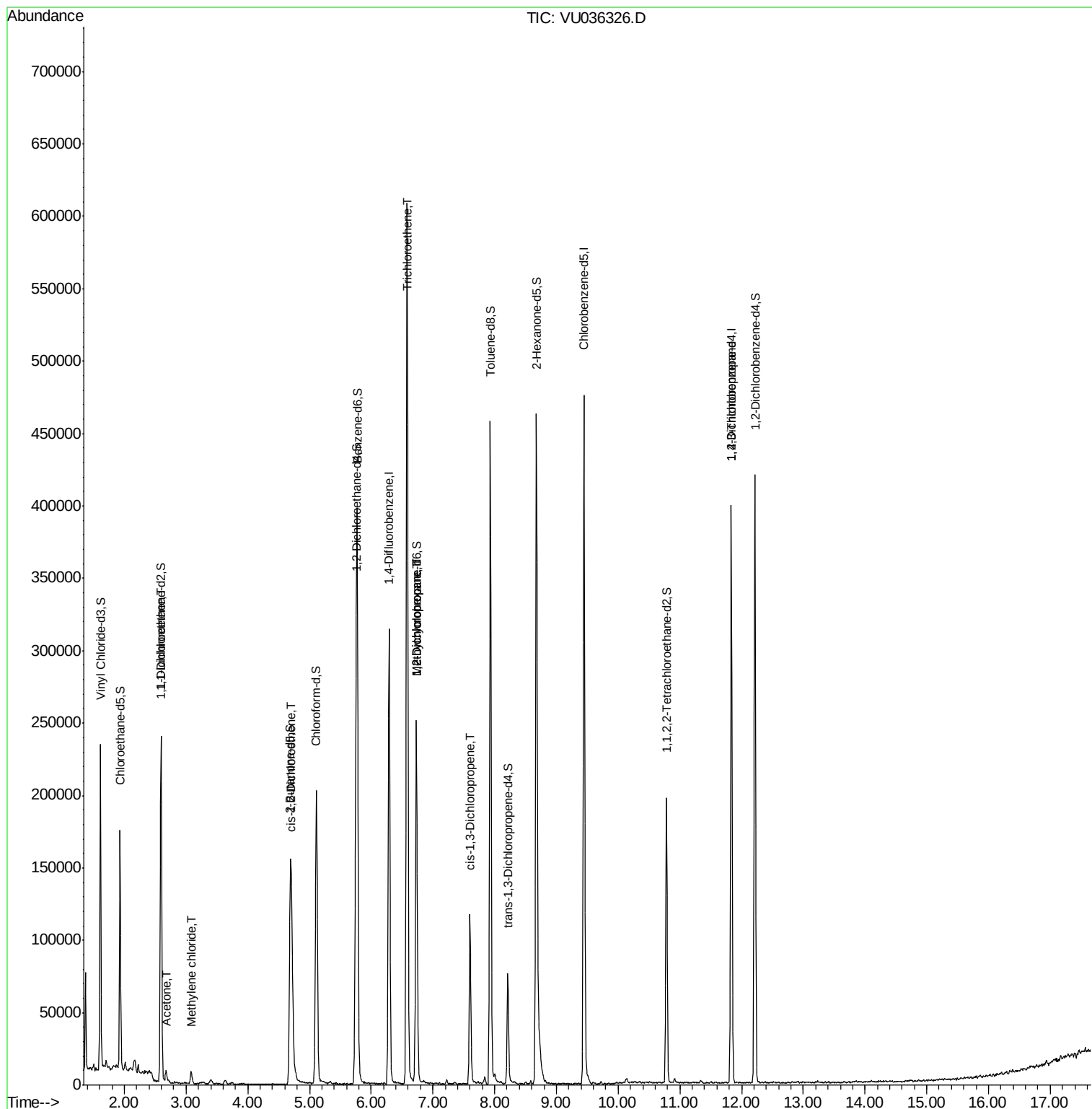
					Qvalue
12) 1,1-Dichloroethene	2.61	96	2744	0.143 ug/L #	1
13) Acetone	2.67	43	10301	2.767 ug/L	96
16) Methylene chloride	3.08	84	4018	0.142 ug/L	85
22) cis-1,2-Dichloroethene	4.72	96	21484	0.996 ug/L	99
34) Trichloroethene	6.58	95	209011	9.432 ug/L	96
35) Methylcyclohexane	6.73	83	28354	0.900 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12933	0.590 ug/L #	85
39) cis-1,3-Dichloropropene	7.60	75	2886	0.097 ug/L #	25
59) 1,2,3-Trichloropropane	11.83	75	12506	0.858 ug/L	92

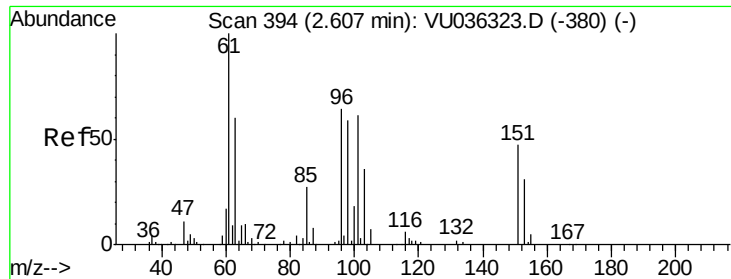
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU036326.D
Acq On : 23 Dec 2019 15:13
Operator : JC/MD
Sample : K6282-14DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDX0DL

Quant Time: Dec 24 00:22:05 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





#12

1,1-Dichloroethene

Concen: 0.143 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU036326.D

Acq: 23 Dec 2019 15:13

Instrument :

MSVOA_U

ClientSampleId :

BFDX0DL

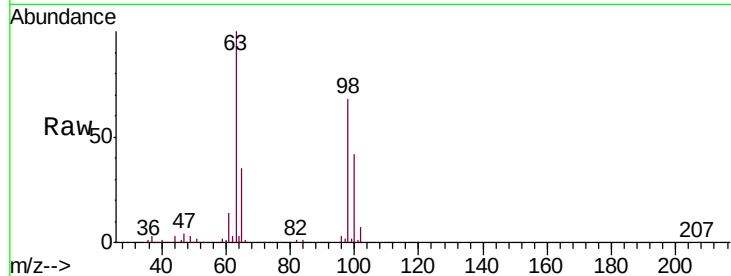
Tgt Ion: 96 Resp: 2744

Ion Ratio Lower Upper

96 100

61 407.0 114.0 211.8#

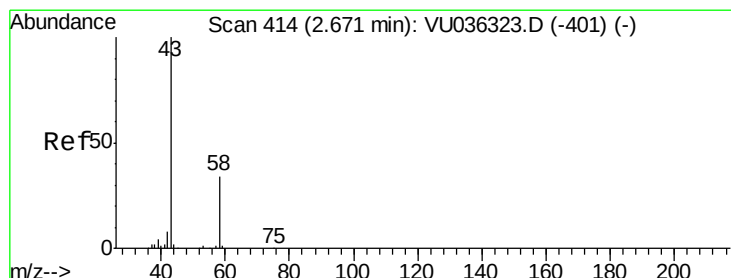
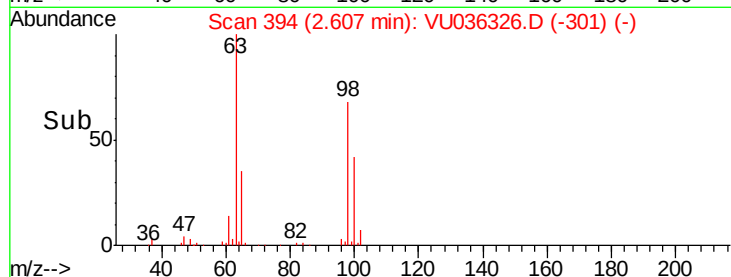
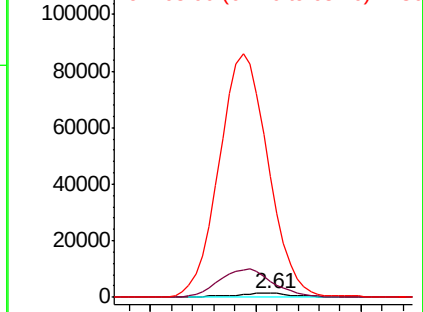
63 2997.8 63.6 118.0#



Abundance Ion 96.00 (95.70 to 96.70): VU036326.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU036326.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU036326.D (-301) (-)



#13

Acetone

Concen: 2.767 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU036326.D

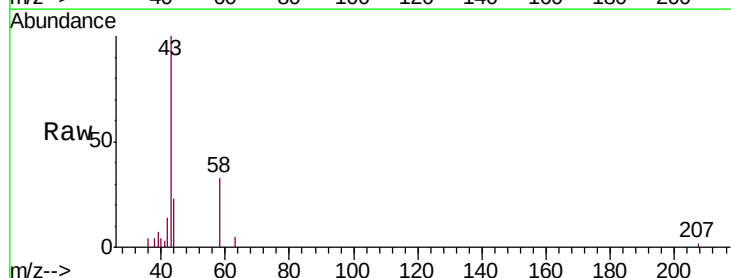
Acq: 23 Dec 2019 15:13

Tgt Ion: 43 Resp: 10301

Ion Ratio Lower Upper

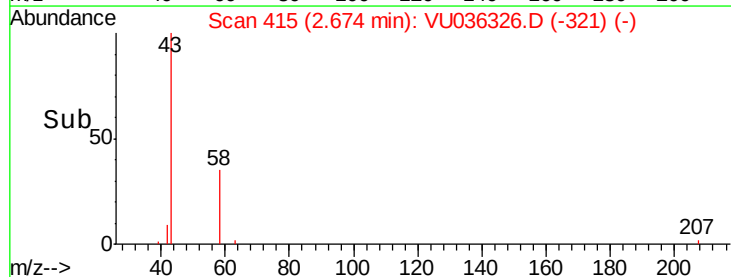
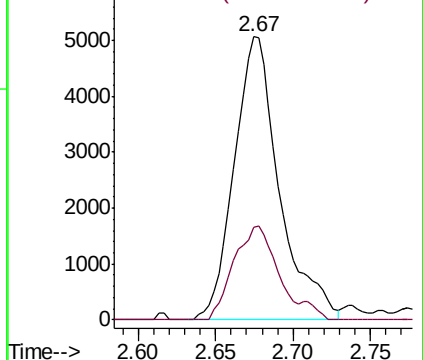
43 100

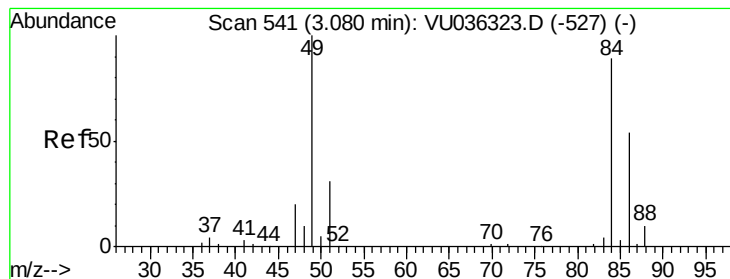
58 31.3 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036326.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU036326.D (-321) (-)





#16

Methylene chloride

Concen: 0.142 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU036326.D

Acq: 23 Dec 2019 15:13

Instrument :

MSVOA_U

ClientSampleId :

BFDX0DL

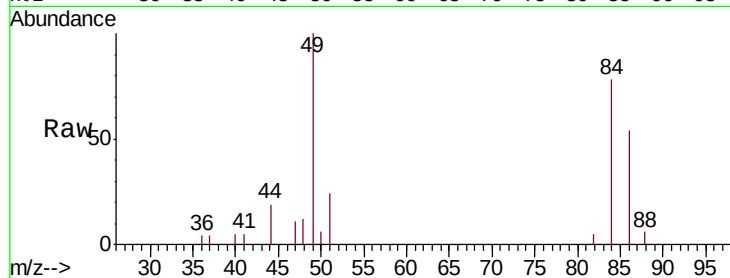
Tgt Ion: 84 Resp: 4018

Ion Ratio Lower Upper

84 100

86 69.5 43.0 79.8

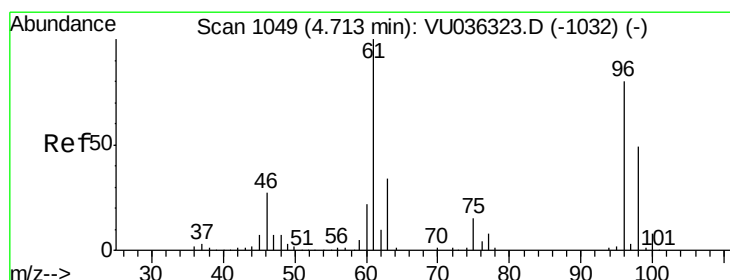
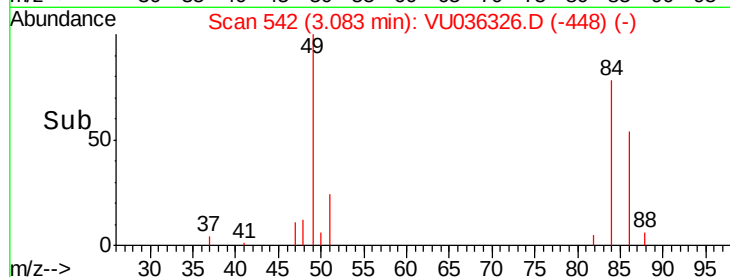
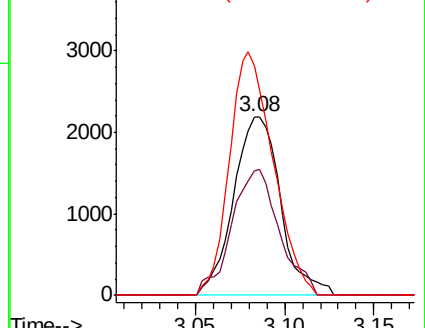
49 128.4 77.3 143.5



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#22

cis-1,2-Dichloroethene

Concen: 0.996 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU036326.D

Acq: 23 Dec 2019 15:13

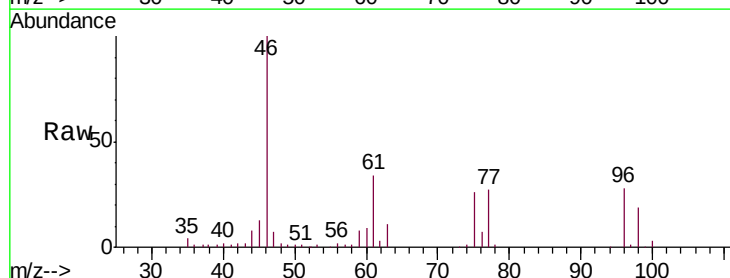
Tgt Ion: 96 Resp: 21484

Ion Ratio Lower Upper

96 100

61 122.4 86.7 161.1

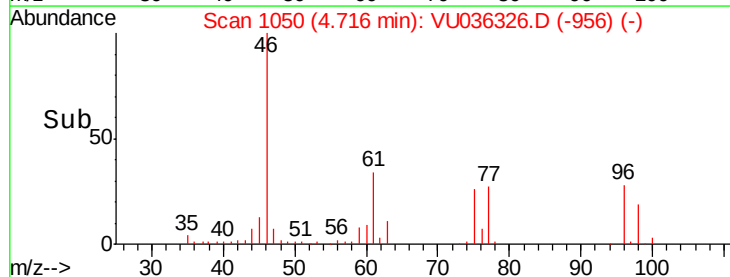
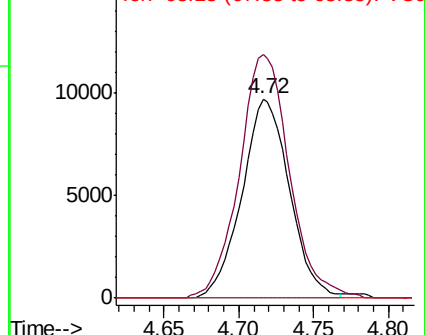
68 0.0 0.0 0.0

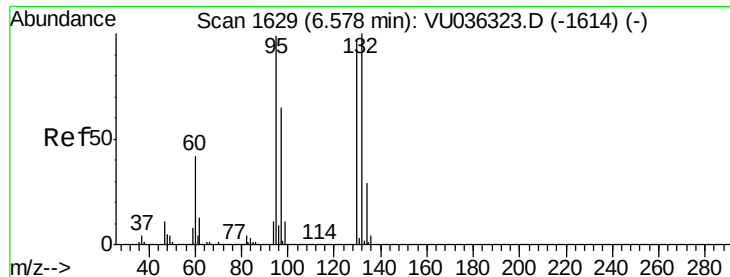


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 9.432 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036326.D

Acq: 23 Dec 2019 15:13

Instrument :

MSVOA_U

ClientSampleId :

BFDX0DL

Tgt Ion: 95 Resp: 209011

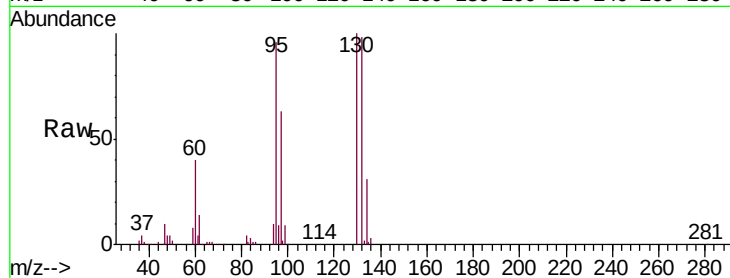
Ion Ratio Lower Upper

95 100

97 66.0 43.6 81.0

132 101.9 69.6 129.2

130 104.4 70.3 130.7

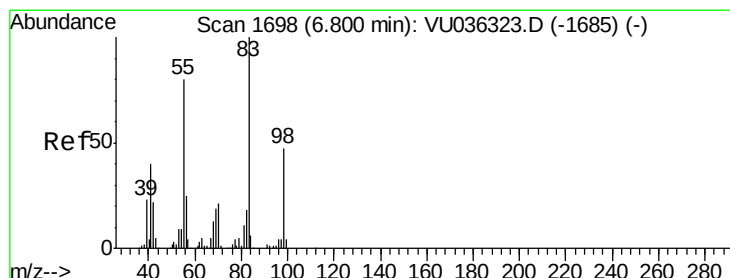
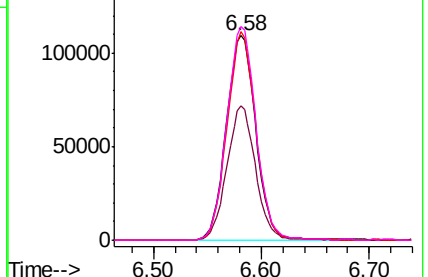
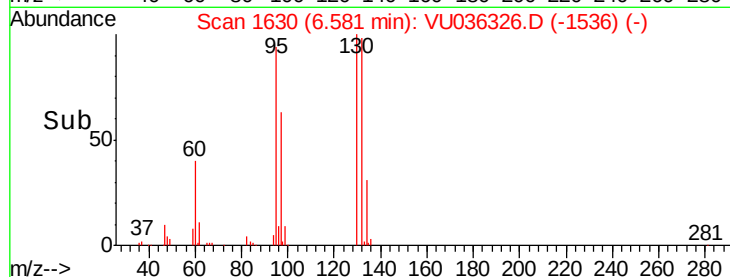


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.900 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036326.D

Acq: 23 Dec 2019 15:13

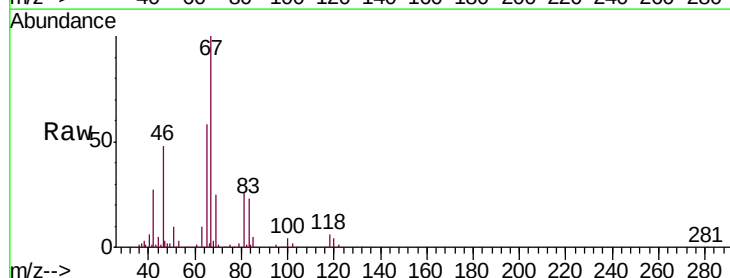
Tgt Ion: 83 Resp: 28354

Ion Ratio Lower Upper

83 100

55 0.3 62.6 94.0#

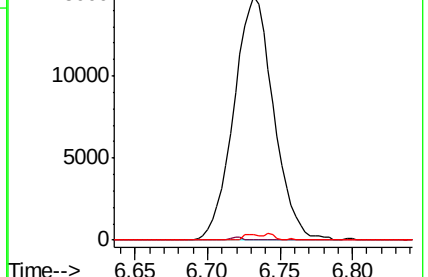
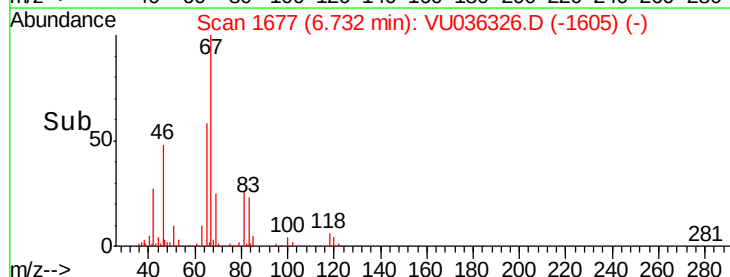
98 1.0 36.2 54.2#

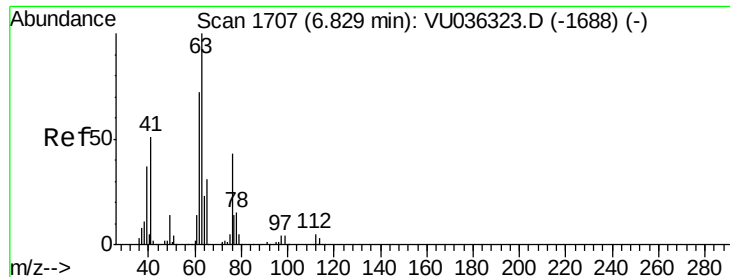


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

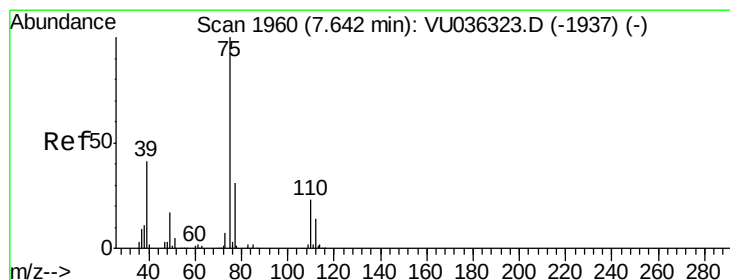
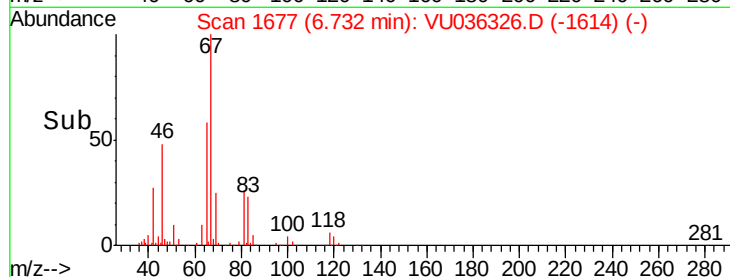
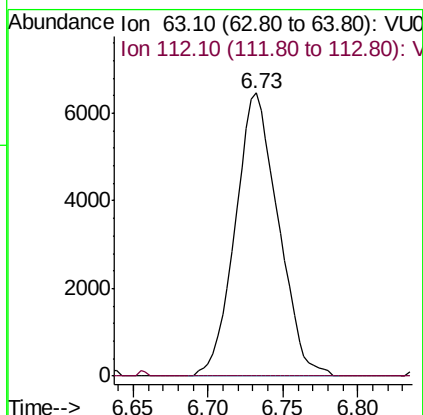
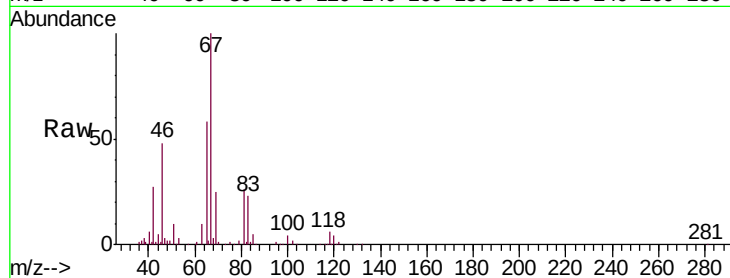




#37
 1,2-Dichloropropane
 Concen: 0.590 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036326.D
 Acq: 23 Dec 2019 15:13

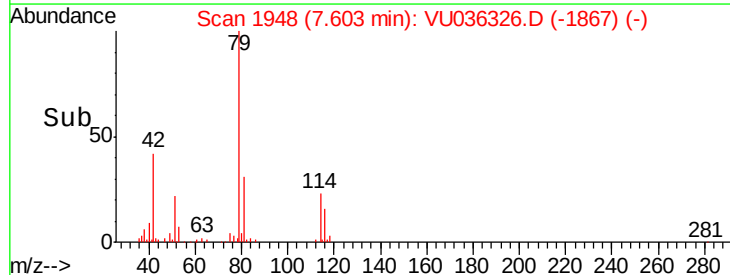
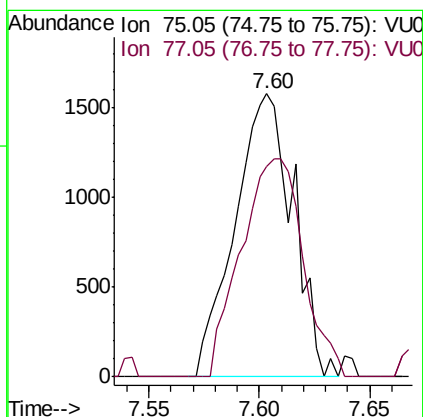
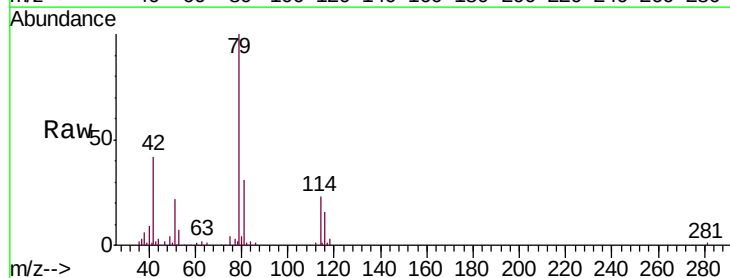
Instrument :
 MSVOA_U
 ClientSampleId :
 BFDX0DL

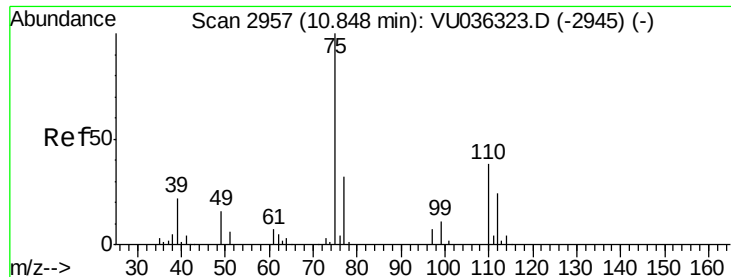
Tgt Ion: 63 Resp: 12933
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036326.D
 Acq: 23 Dec 2019 15:13

Tgt Ion: 75 Resp: 2886
 Ion Ratio Lower Upper
 75 100
 77 74.5 22.7 42.1#





#59

1,2,3-Trichloropropane

Concen: 0.858 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036326.D

Acq: 23 Dec 2019 15:13

Instrument :

MSVOA_U

ClientSampleId :

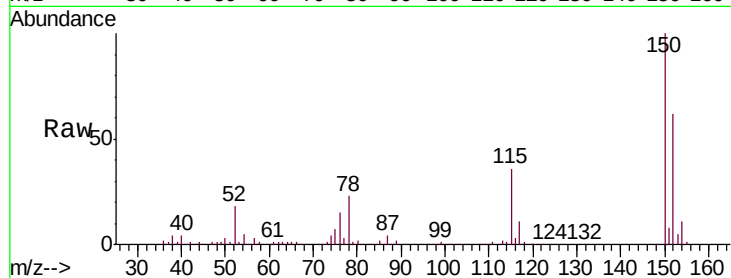
BFDX0DL

Tgt Ion: 75 Resp: 12506

Ion Ratio Lower Upper

75 100

77 38.4 27.2 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

