

Data File : VU036303.D
Acq On : 19 Dec 2019 23:42
Operator : JC/MD
Sample : K6282-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDX6

Quant Time: Dec 20 05:38:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 05:33:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	213680	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	250603	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	98602	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	107249	5.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.00%
7) Chloroethane-d5	1.93	69	99039	5.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.40%
11) 1,1-Dichloroethene-d2	2.59	63	108561	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	4.69	46	187527	53.19	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.38%
24) Chloroform-d	5.11	84	159298	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.75	65	85658	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.77	84	278618	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.73	67	91295	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.93	98	215410	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloropropene-	8.21	79	33597	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.68	63	142737	45.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.42%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	86816	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	88317	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

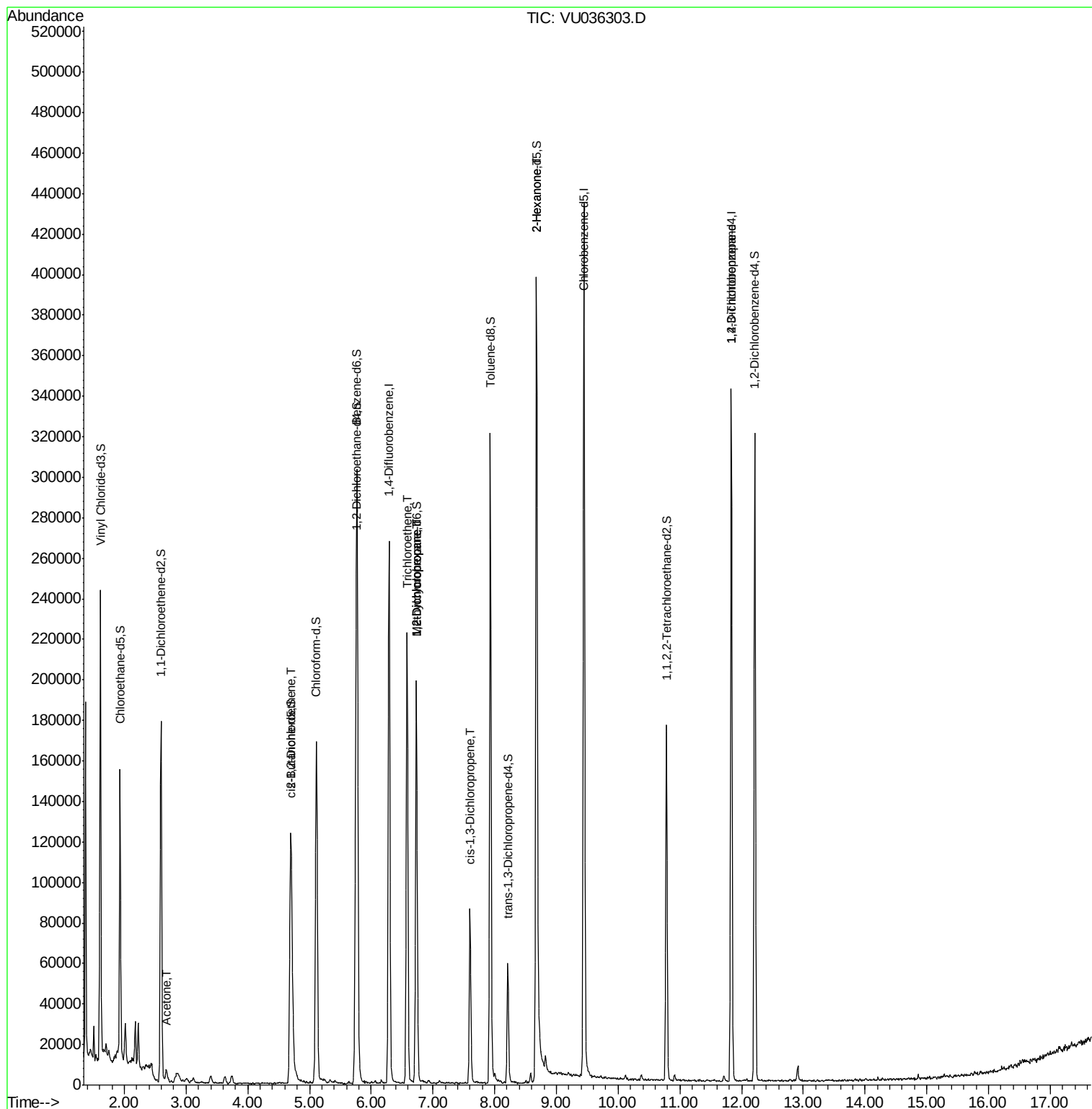
					Qvalue
13) Acetone	2.68	43	8494	2.765	ug/L 94
22) cis-1,2-Dichloroethene	4.71	96	10639	0.597	ug/L 87
34) Trichloroethene	6.58	95	74789	3.767	ug/L 97
35) Methylcyclohexane	6.74	83	22283	0.789	ug/L # 19
37) 1,2-Dichloropropane	6.73	63	10387	0.529	ug/L # 85
39) cis-1,3-Dichloropropene	7.59	75	2186	0.082	ug/L # 59
48) 2-Hexanone	8.68	43	18944	2.470	ug/L # 66
59) 1,2,3-Trichloropropane	11.83	75	10810	0.828	ug/L 90

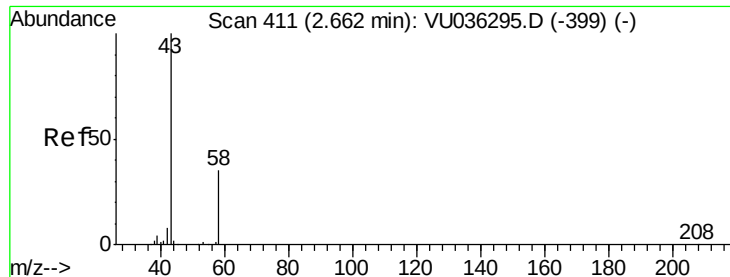
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.765 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.02 min

Lab File: VU036303.D

Acq: 19 Dec 2019 23:42

Instrument :

MSVOA_U

ClientSampleId :

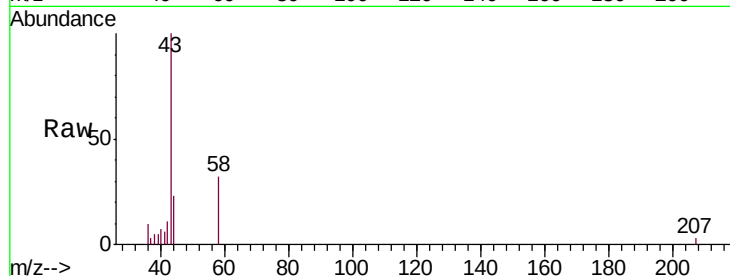
BFDX6

Tgt Ion: 43 Resp: 8494

Ion Ratio Lower Upper

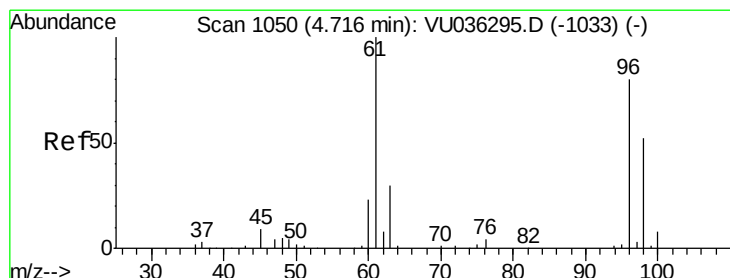
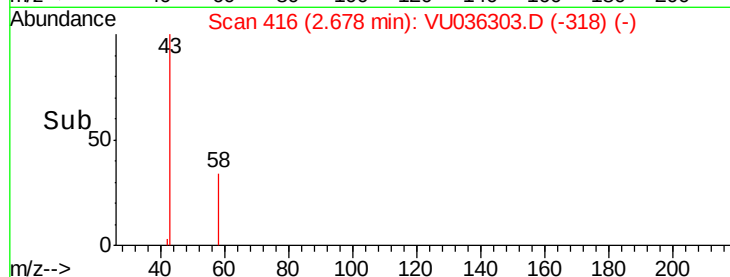
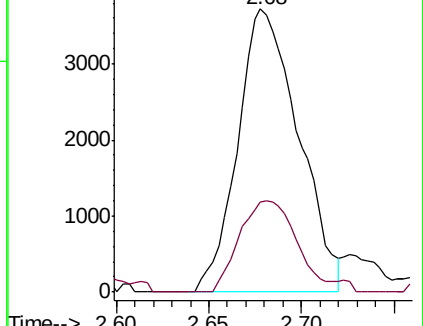
43 100

58 30.6 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036295.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU036295.D (-399) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.597 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VU036303.D

Acq: 19 Dec 2019 23:42

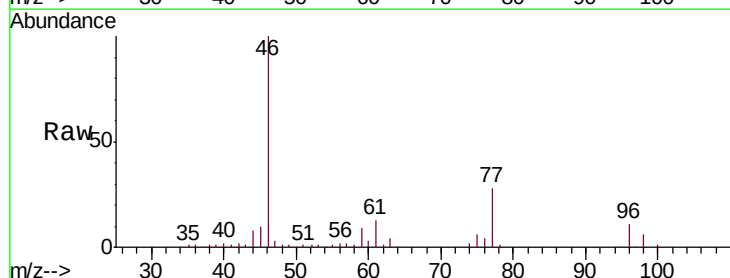
Tgt Ion: 96 Resp: 10639

Ion Ratio Lower Upper

96 100

61 109.7 86.7 161.1

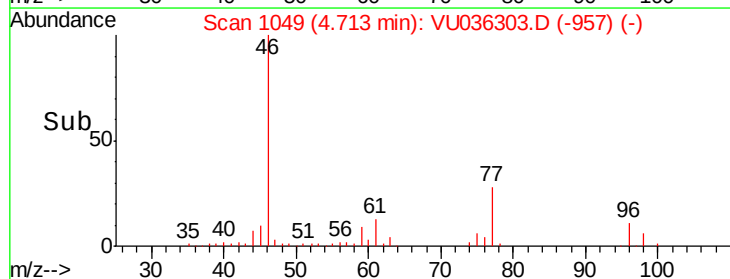
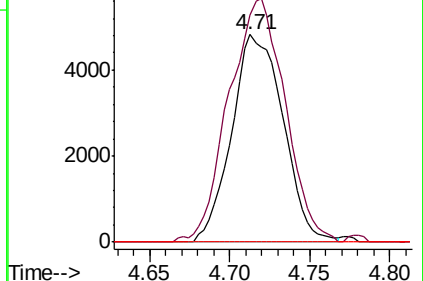
68 0.0 0.0 0.0

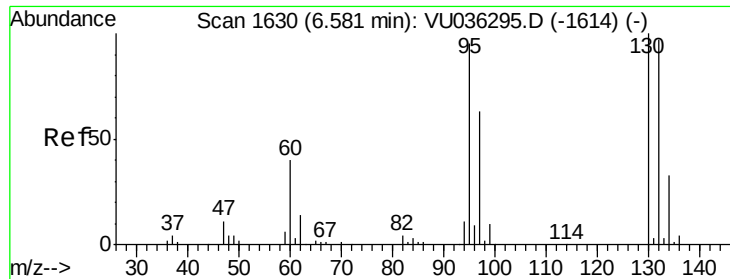


Abundance Ion 96.00 (95.70 to 96.70): VU036295.D (-1033) (-)

Ion 61.05 (60.75 to 61.75): VU036295.D (-1033) (-)

Ion 68.15 (67.85 to 68.85): VU036295.D (-1033) (-)

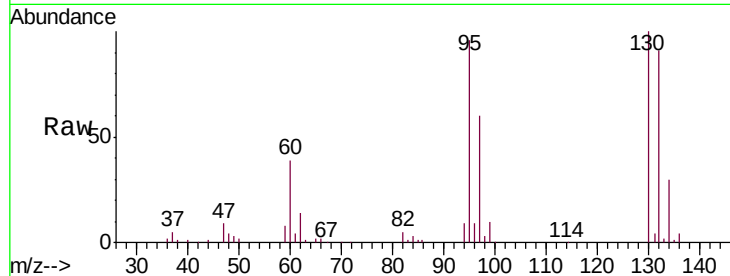




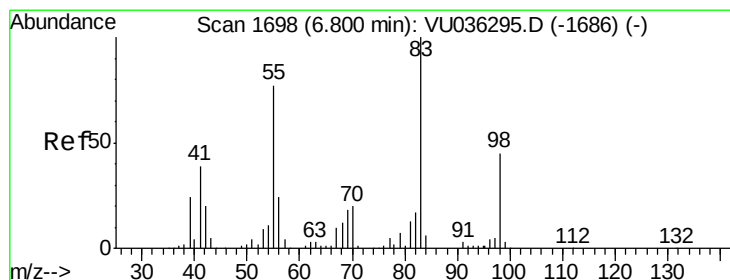
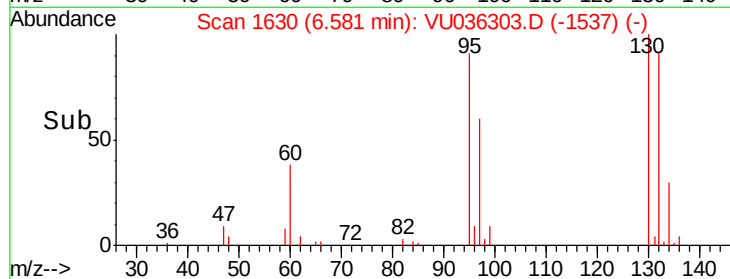
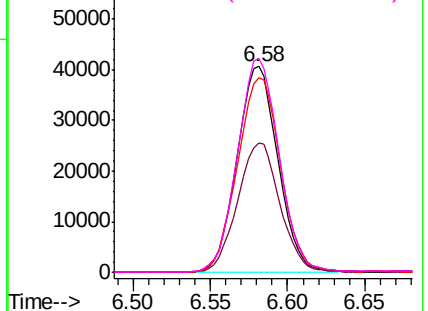
#34
 Trichloroethene
 Concen: 3.767 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VU036303.D
 Acq: 19 Dec 2019 23:42

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 MSVOA_U
 ClientSampleId :
 BFDX6

Tgt Ion: 95 Resp: 74789
 Ion Ratio Lower Upper
 95 100
 97 62.5 43.6 81.0
 132 94.8 69.6 129.2
 130 103.7 70.3 130.7

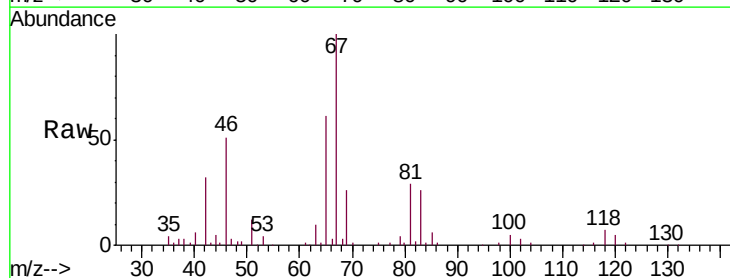


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

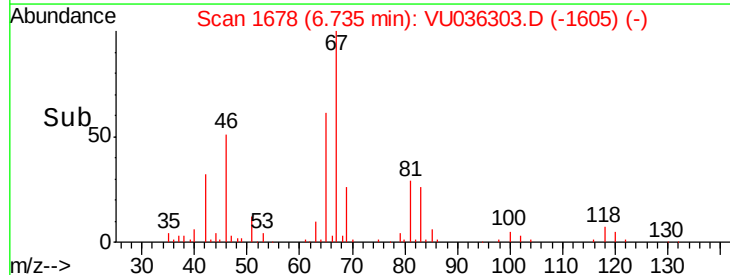
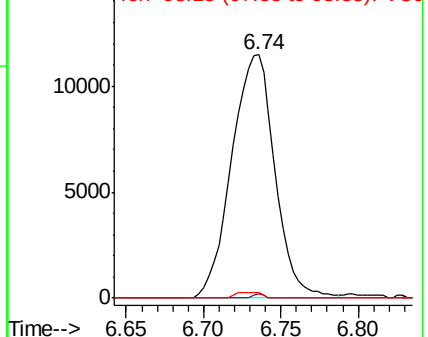


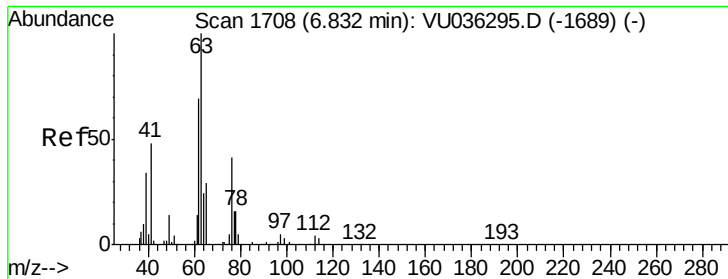
#35
 Methylcyclohexane
 Concen: 0.789 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.06 min
 Lab File: VU036303.D
 Acq: 19 Dec 2019 23:42

Tgt Ion: 83 Resp: 22283
 Ion Ratio Lower Upper
 83 100
 55 0.4 62.6 94.0#
 98 1.4 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

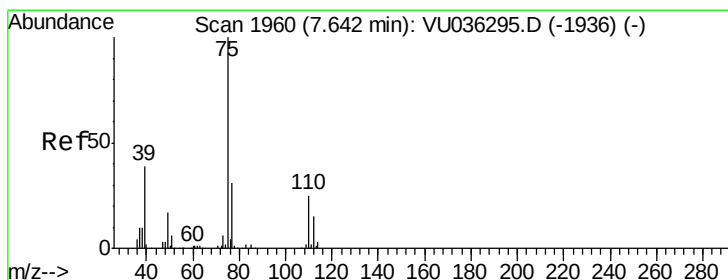
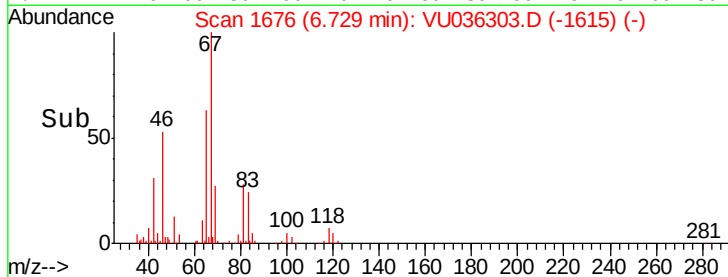
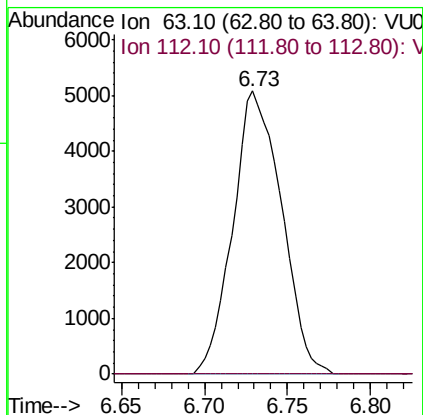
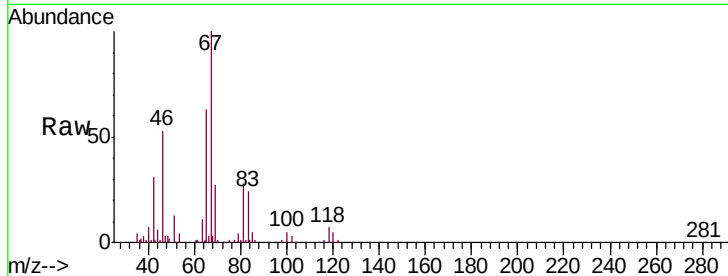




#37
 1,2-Dichloropropane
 Concen: 0.529 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036303.D
 Acq: 19 Dec 2019 23:42

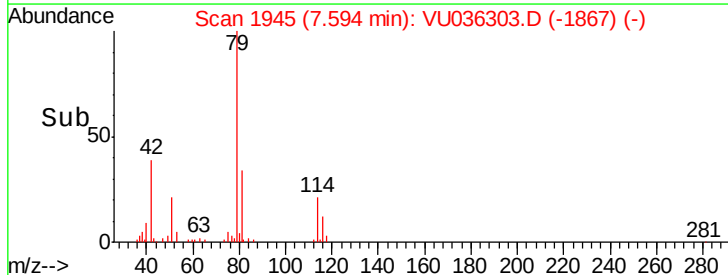
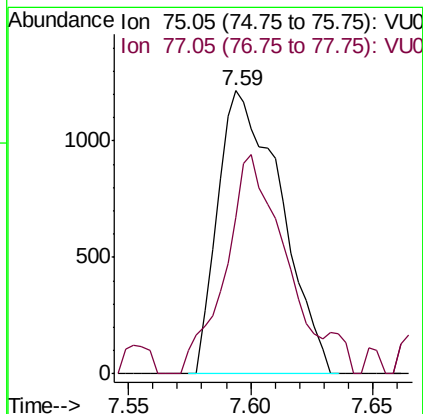
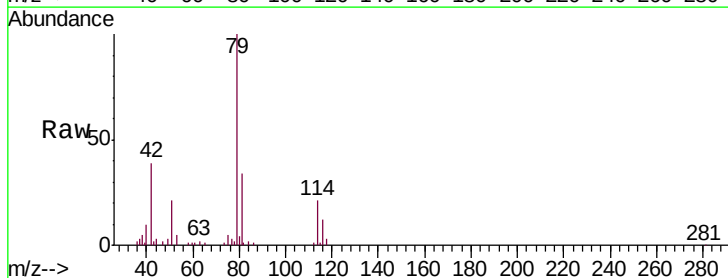
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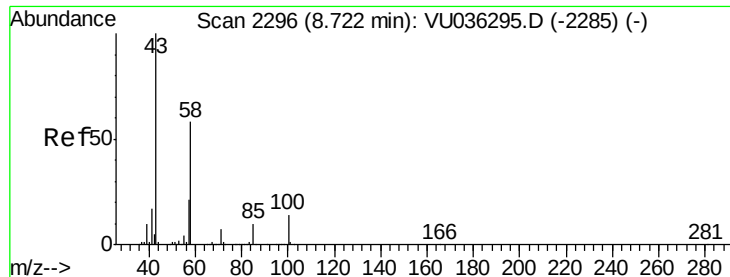
Tgt Ion: 63 Resp: 10387
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.05 min
 Lab File: VU036303.D
 Acq: 19 Dec 2019 23:42

Tgt Ion: 75 Resp: 2186
 Ion Ratio Lower Upper
 75 100
 77 55.6 22.7 42.1#

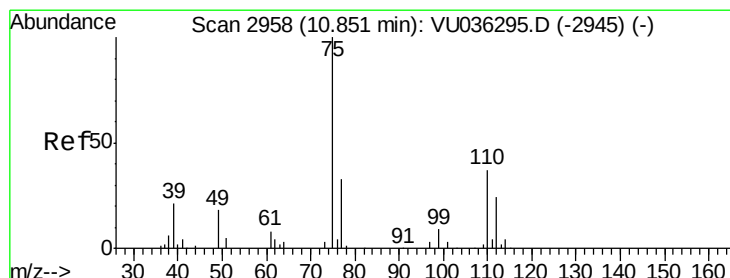
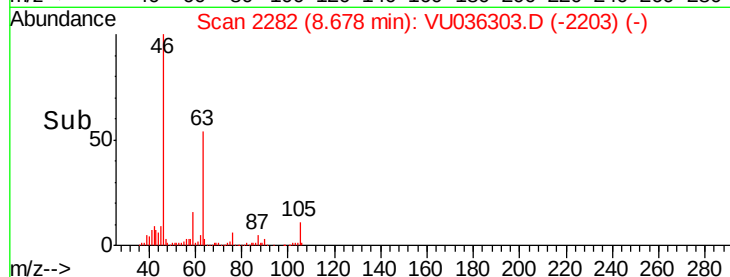
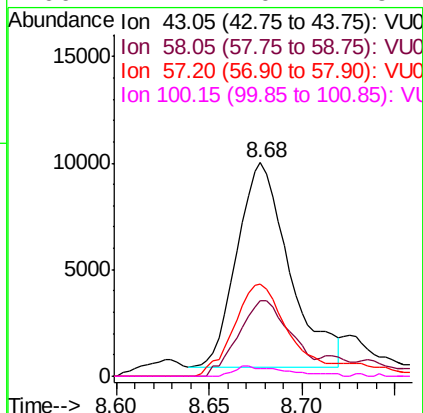
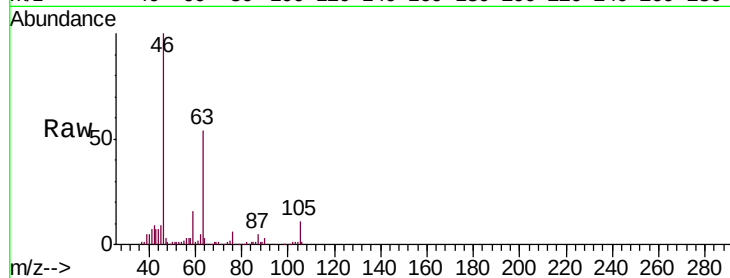




#48
 2-Hexanone
 Concen: 2.470 ug/L
 RT: 8.68 min Scan# 2282
 Delta R.T. -0.04 min
 Lab File: VU036303.D
 Acq: 19 Dec 2019 23:42

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDX6

Tgt Ion: 43 Resp: 18944
 Ion Ratio Lower Upper
 43 100
 58 36.6 46.2 69.2#
 57 46.4 16.2 24.4#
 100 4.4 10.2 15.4#



#59
 1,2,3-Trichloropropane
 Concen: 0.828 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.98 min
 Lab File: VU036303.D
 Acq: 19 Dec 2019 23:42

Tgt Ion: 75 Resp: 10810
 Ion Ratio Lower Upper
 75 100
 77 39.5 27.2 40.8

