

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122019\
 Data File : VU036317.D
 Acq On : 20 Dec 2019 14:44
 Operator : JC/MD
 Sample : K6282-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDX3

Quant Time: Dec 20 22:24:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 22:20:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	269066	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	283235	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	117050	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	109470	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.93	69	98971	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.59	63	114758	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.68	46	204493	46.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.14%
24) Chloroform-d	5.11	84	176073	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.75	65	96589	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.77	84	330180	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.73	67	105285	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.93	98	257052	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	8.21	79	37683	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.67	63	163808	46.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.82%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	96912	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	104462	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

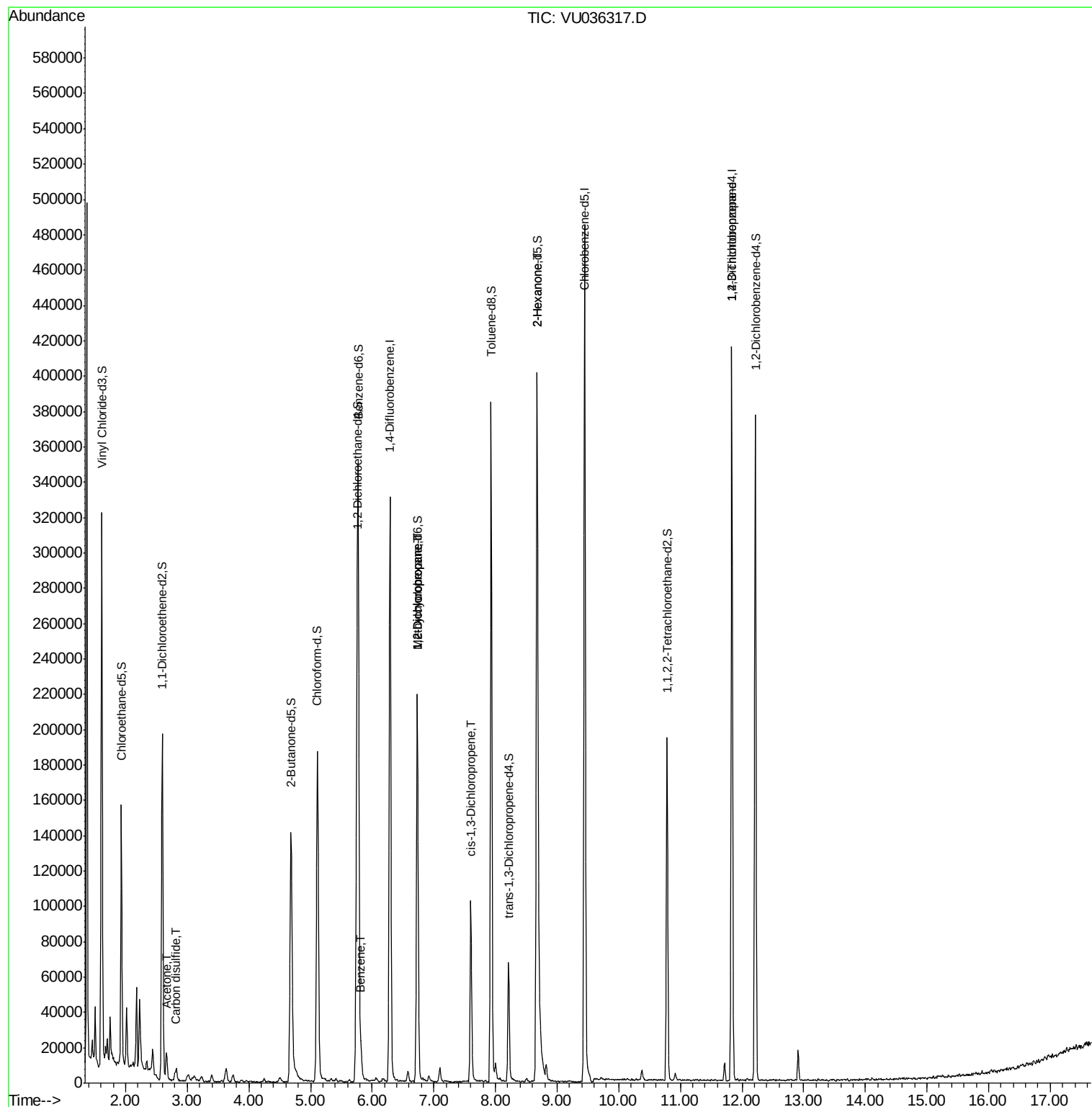
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	16759	4.332	ug/L	94
14) Carbon disulfide	2.83	76	7772	0.116	ug/L	98
33) Benzene	5.82	78	13735	0.158	ug/L	100
35) Methylcyclohexane	6.73	83	26737	0.838	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	11542	0.520	ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2791	0.092	ug/L #	69
48) 2-Hexanone	8.67	43	26625	3.071	ug/L #	64
59) 1,2,3-Trichloropropane	11.84	75	12997	0.881	ug/L	95

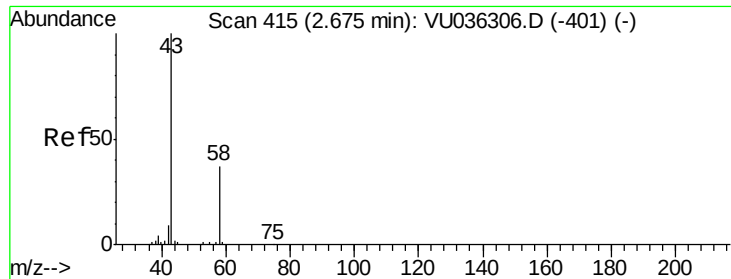
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 20 22:20:21 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.332 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU036317.D

Acq: 20 Dec 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

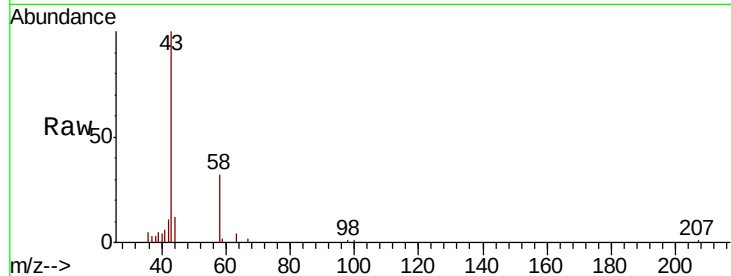
BFDX3

Tot Ion: 43 Resp: 16759

Ion Ratio Lower Upper

43 100

58 37.2 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036317.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU036317.D (-322) (-)

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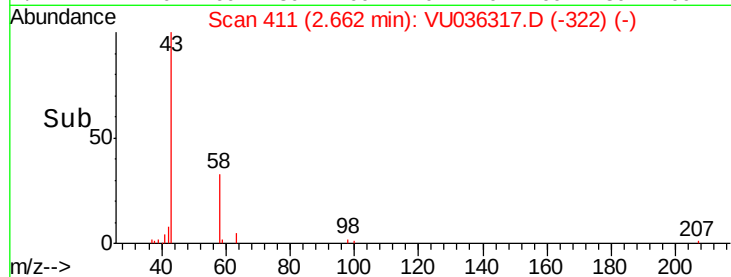
2.66

2.66

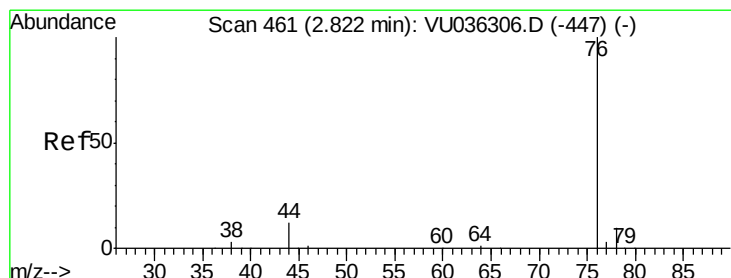
2.66

2.66

2.66



Time-->



#14

Carbon disulfide

Concen: 0.116 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU036317.D

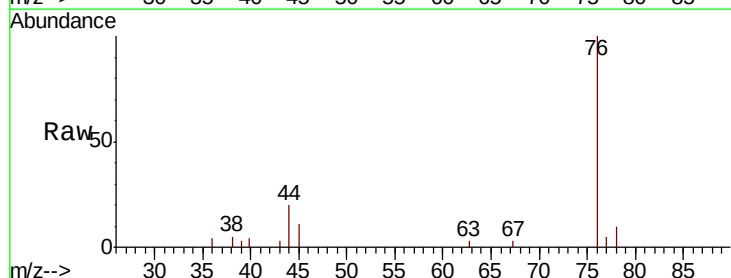
Acq: 20 Dec 2019 14:44

Tgt Ion: 76 Resp: 7772

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7



Abundance Ion 76.05 (75.75 to 76.75): VU036317.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VU036317.D (-368) (-)

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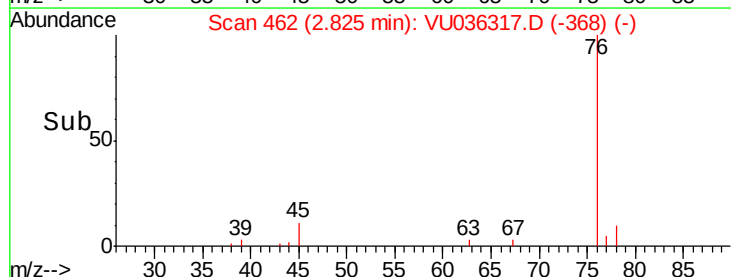
2.83

2.83

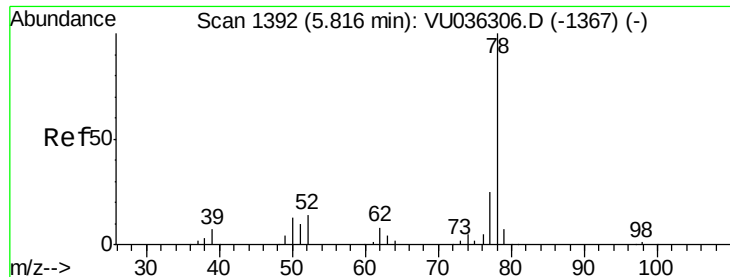
2.83

2.83

2.83



Time-->



#33

Benzene

Concen: 0.158 ug/L

RT: 5.82 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VU036317.D

Acq: 20 Dec 2019 14:44

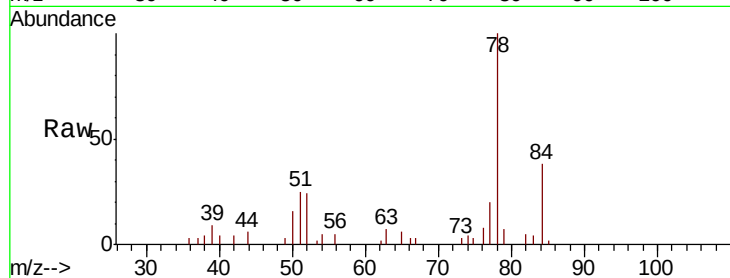
Instrument :

MSVOA_U

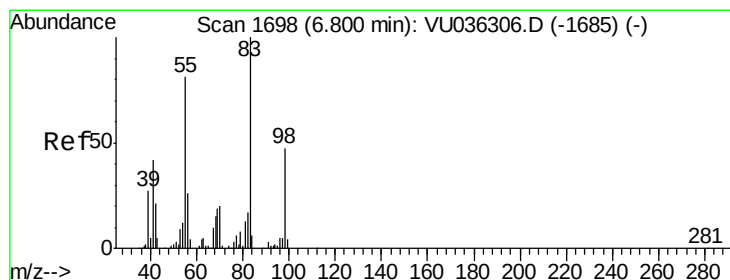
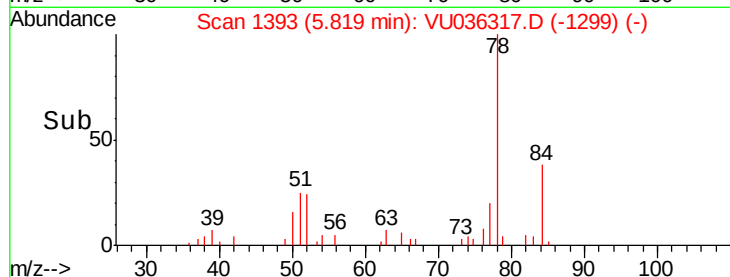
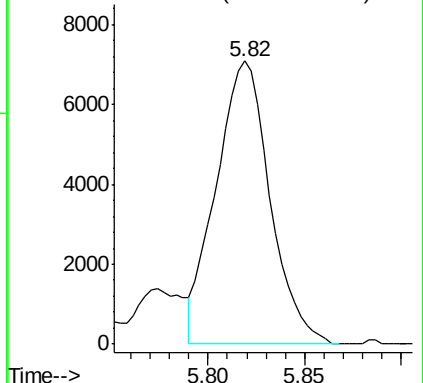
ClientSampled :

BFDX3

Tgt Ion: 78 Resp: 13735



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.838 ug/L

RT: 6.73 min Scan# 1677

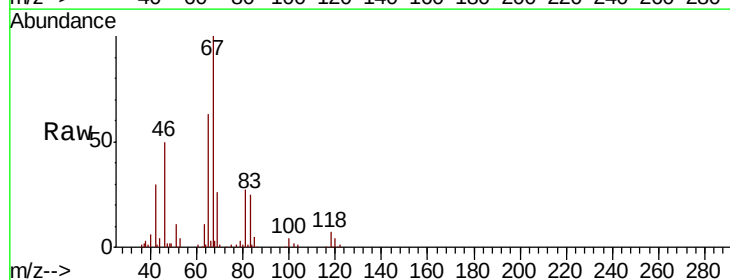
Delta R.T. -0.07 min

Lab File: VU036317.D

Acq: 20 Dec 2019 14:44

Tgt Ion: 83 Resp: 26737

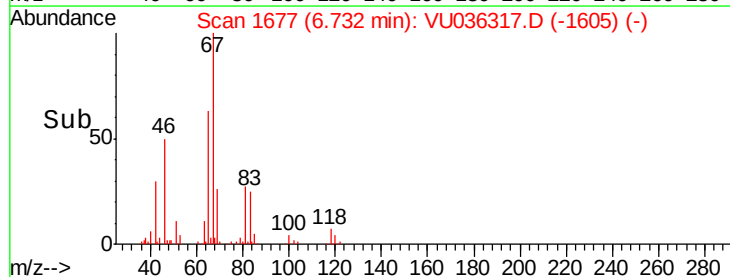
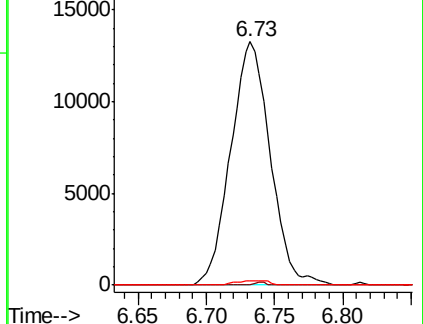
Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.6	94.0#
98	1.6	36.2	54.2#

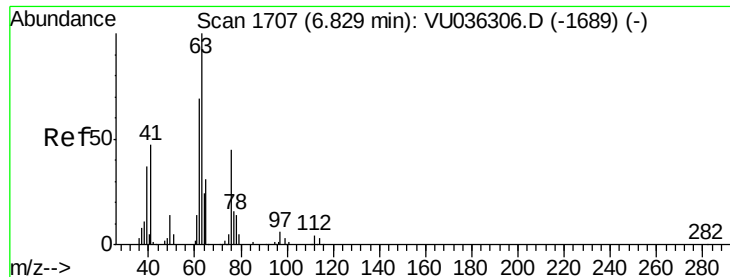


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

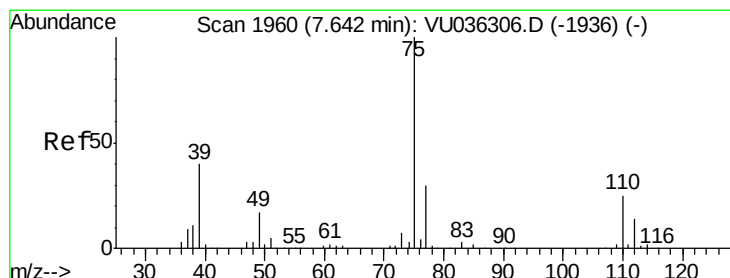
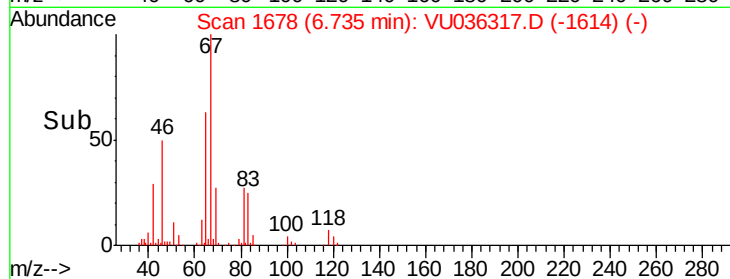
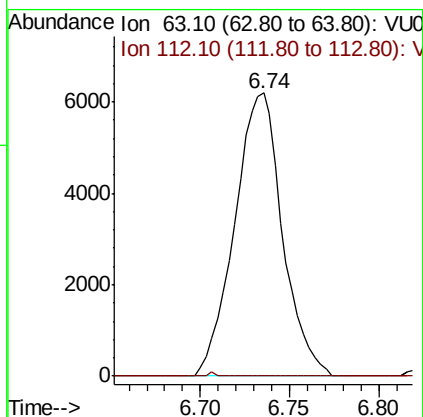
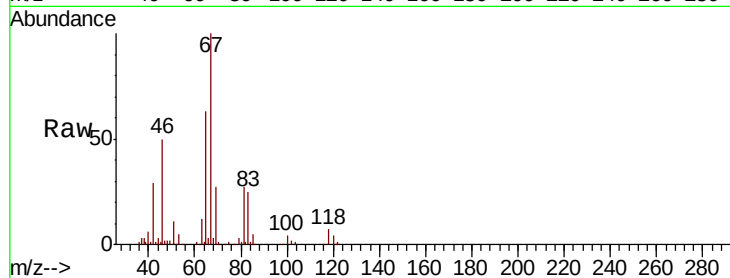




#37
 1,2-Dichloropropane
 Concen: 0.520 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.09 min
 Lab File: VU036317.D
 Acq: 20 Dec 2019 14:44

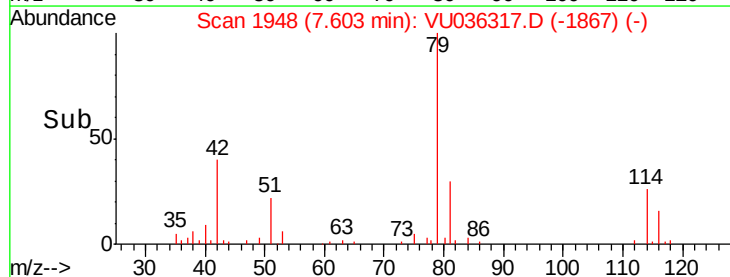
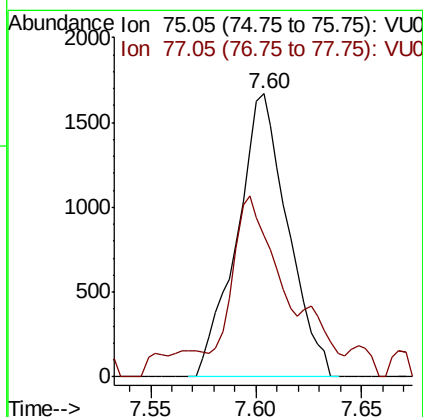
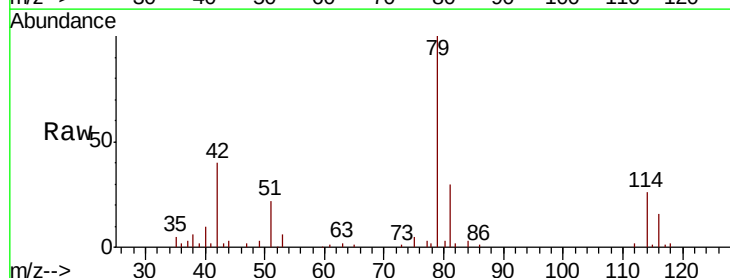
Instrument :
 MSVOA_U
 ClientSampleId :
 BFDX3

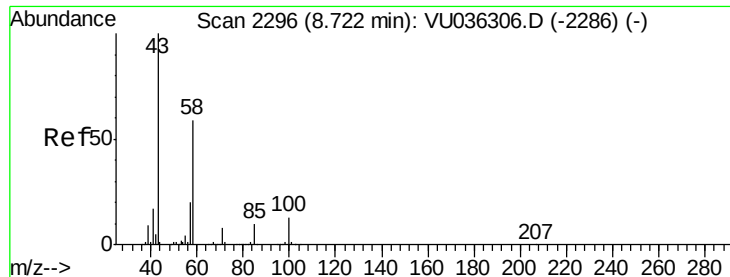
Tot Ion: 63 Resp: 11542
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036317.D
 Acq: 20 Dec 2019 14:44

Tgt Ion: 75 Resp: 2791
 Ion Ratio Lower Upper
 75 100
 77 50.0 22.7 42.1#

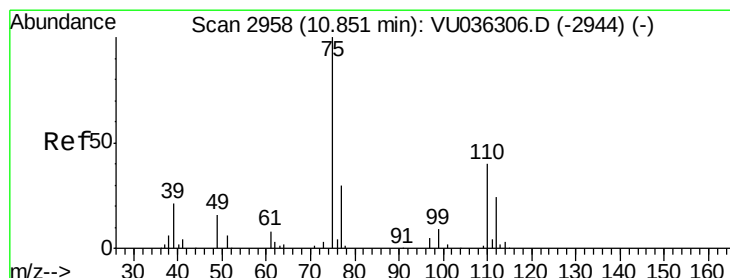
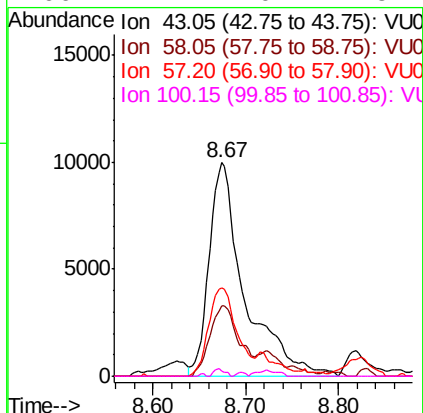
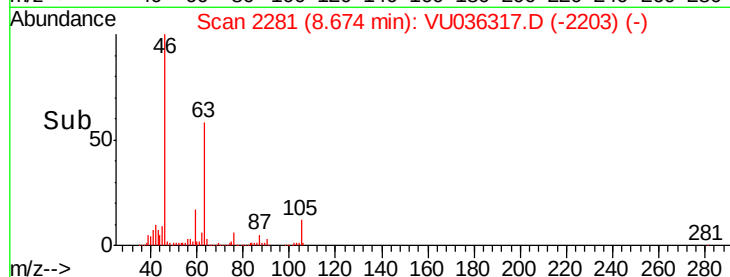
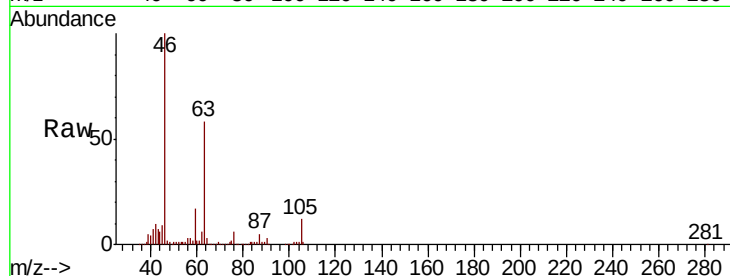




#48
 2-Hexanone
 Concen: 3.071 ug/L
 RT: 8.67 min Scan# 2281
 Delta R.T. -0.05 min
 Lab File: VU036317.D
 Acq: 20 Dec 2019 14:44

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDX3

Tot Ion	Ratio	Lower	Upper
43	100		
58	27.3	46.2	69.2#
57	32.9	16.2	24.4#
100	1.1	10.2	15.4#



#59
 1,2,3-Trichloropropane
 Concen: 0.881 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU036317.D
 Acq: 20 Dec 2019 14:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	36.8	27.2	40.8

