

Data File : VU036125.D
Acq On : 11 Dec 2019 11:54
Operator : JC/MD
Sample : K6167-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQX7

Quant Time: Dec 12 06:13:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 12 06:08:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	284255	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	316028	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	79566	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	128257	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.93	69	125948	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.59	63	138024	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.69	46	222781	51.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.20%
24) Chloroform-d	5.11	84	211102	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.75	65	111984	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.77	84	406053	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.73	67	131358	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.93	98	333259	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.21	79	44180	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.70	63	173265	47.63	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.26%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	105130	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	82697	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

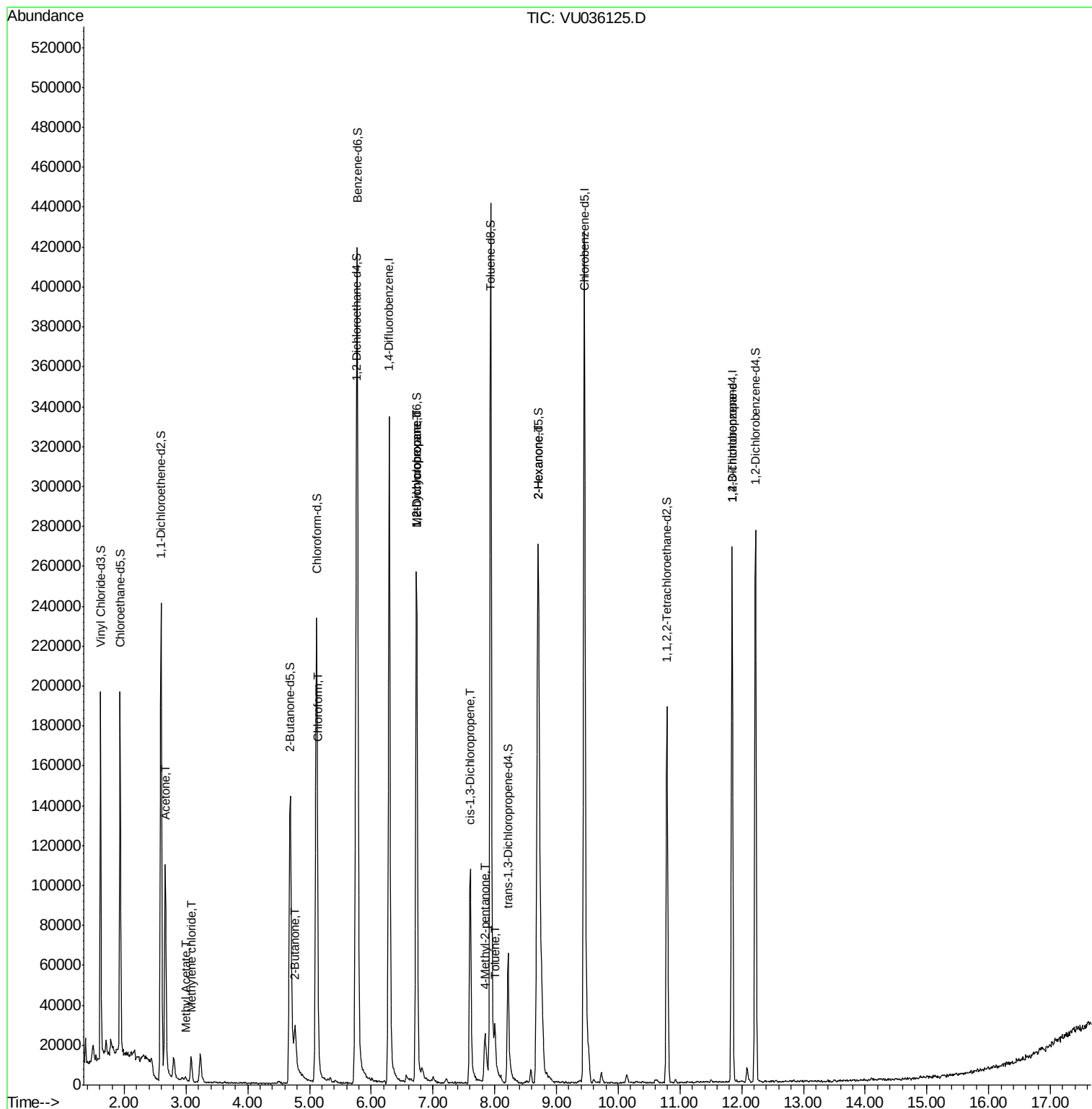
					Qvalue
13) Acetone	2.66	43	125727	22.941 ug/L	98
15) Methyl Acetate	2.99	43	3291	0.407 ug/L #	85
16) Methylene chloride	3.08	84	6398	0.223 ug/L	95
21) 2-Butanone	4.76	43	30539	5.567 ug/L	98
25) Chloroform	5.14	83	7913	0.187 ug/L	89
35) Methylcyclohexane	6.73	83	31086	1.010 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	13246	0.611 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2795	0.095 ug/L #	39
40) 4-Methyl-2-pentanone	7.84	43	27070	2.392 ug/L #	81
42) Toluene	8.01	91	14398	0.155 ug/L	89
48) 2-Hexanone	8.71	43	20146	2.482 ug/L #	64
59) 1,2,3-Trichloropropane	11.84	75	8835	0.570 ug/L	96

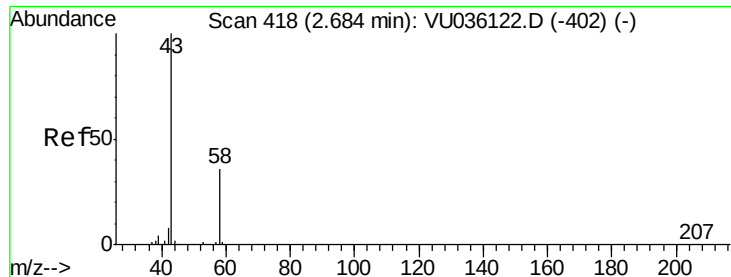
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 22.941 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU036125.D

Acq: 11 Dec 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

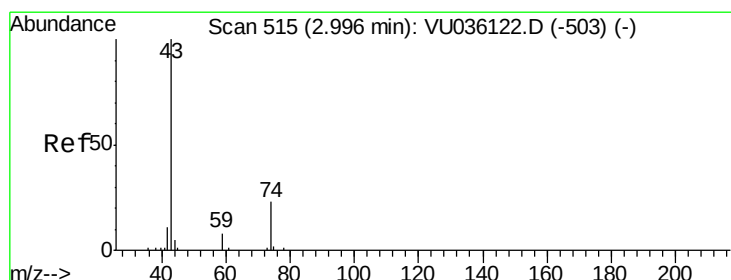
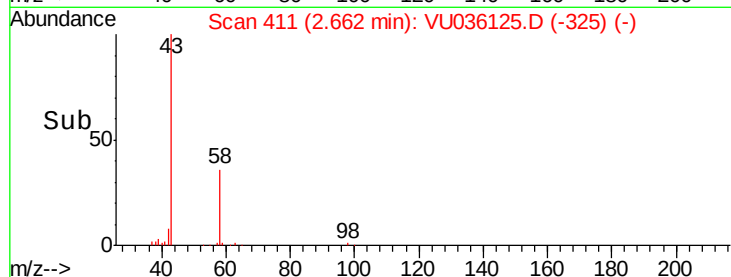
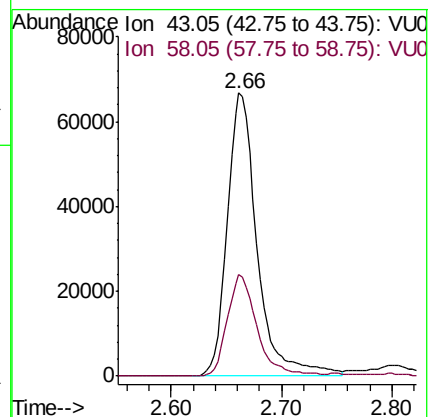
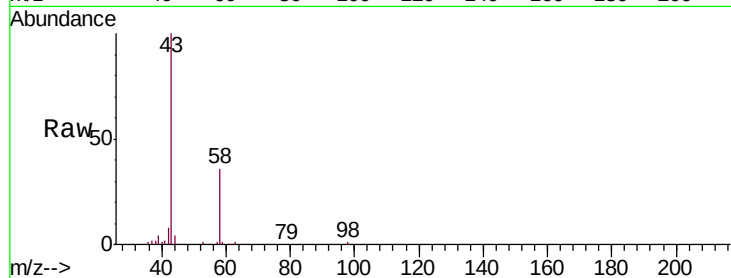
BFQX7

Tgt Ion: 43 Resp: 125727

Ion Ratio Lower Upper

43 100

58 35.8 0.0 74.2



#15

Methyl Acetate

Concen: 0.407 ug/L

RT: 2.99 min Scan# 514

Delta R.T. -0.00 min

Lab File: VU036125.D

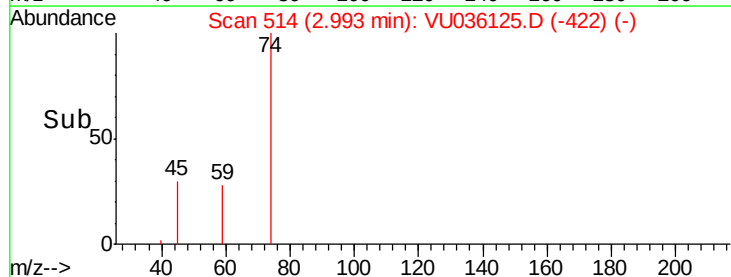
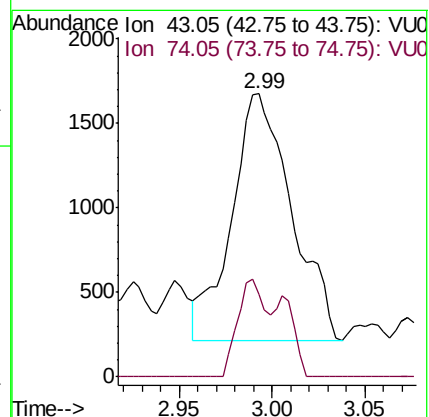
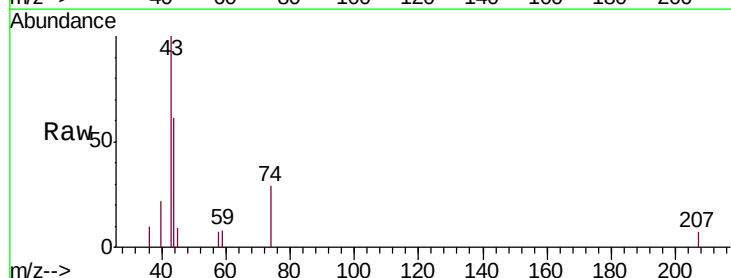
Acq: 11 Dec 2019 11:54

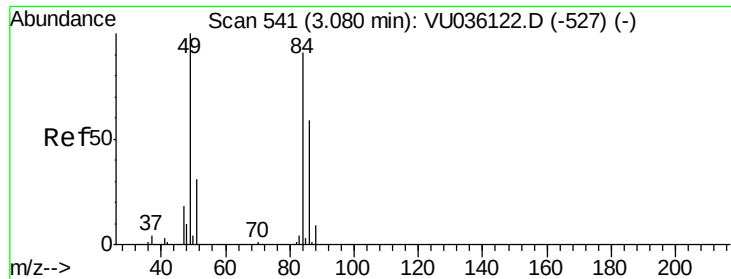
Tgt Ion: 43 Resp: 3291

Ion Ratio Lower Upper

43 100

74 18.7 21.0 31.4#

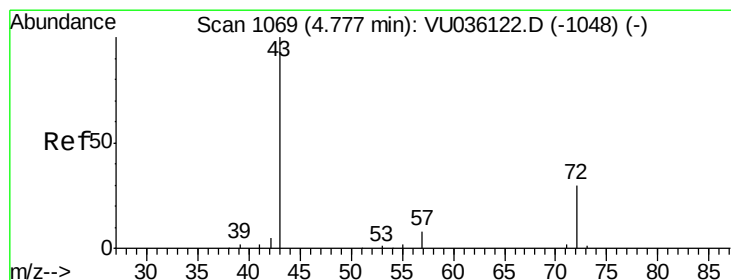
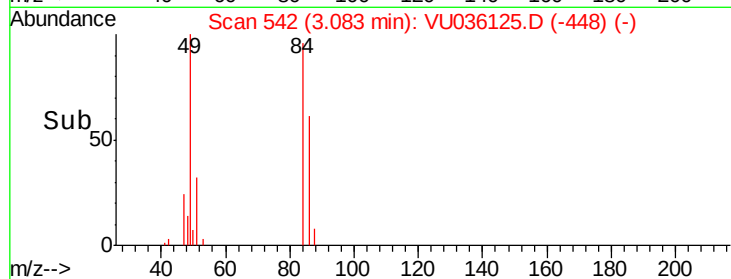
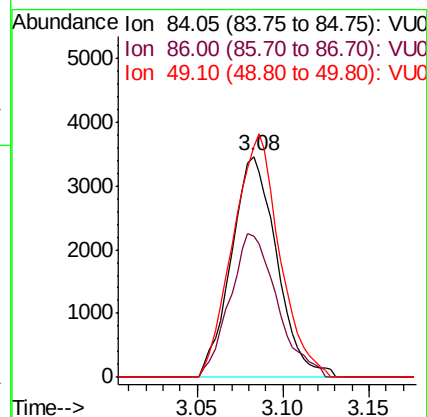
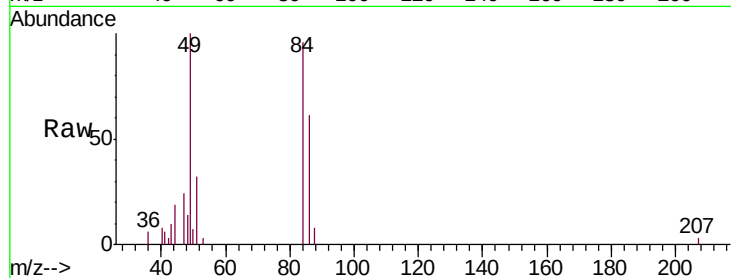




#16
Methylene chloride
Concen: 0.223 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036125.D
Acq: 11 Dec 2019 11:54

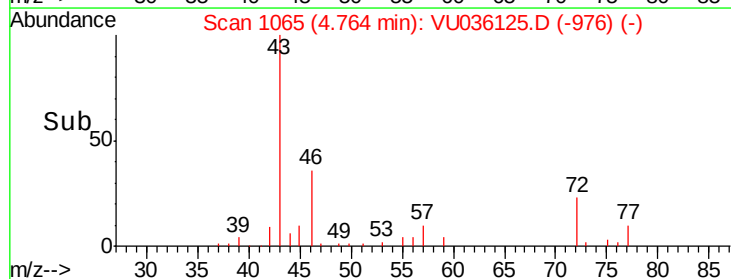
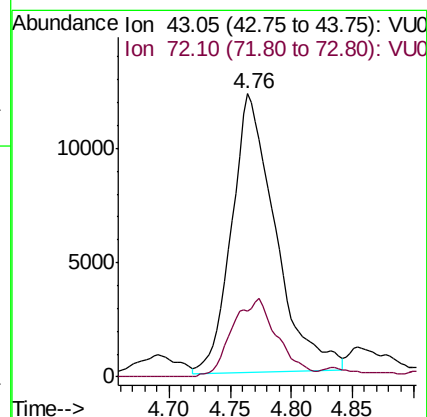
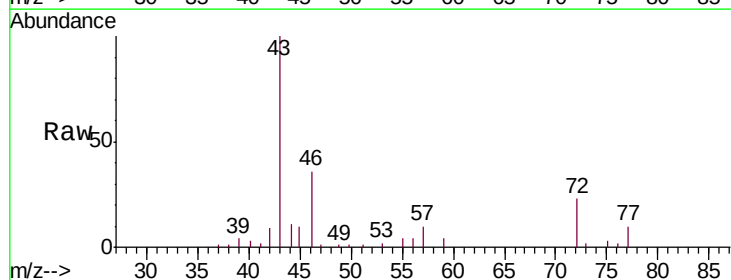
Instrument :
MSVOA_U
ClientSampleId :
BFQX7

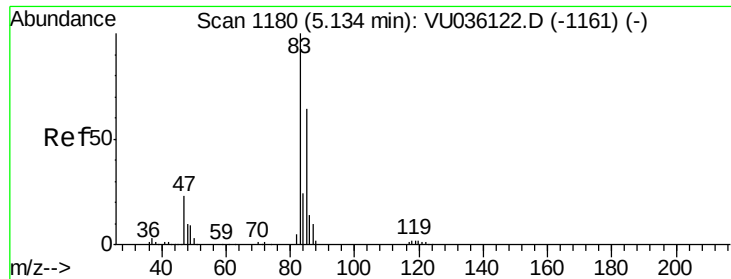
Tgt Ion: 84 Resp: 6398
Ion Ratio Lower Upper
84 100
86 64.2 47.5 88.3
49 104.5 76.9 142.9



#21
2-Butanone
Concen: 5.567 ug/L
RT: 4.76 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VU036125.D
Acq: 11 Dec 2019 11:54

Tgt Ion: 43 Resp: 30539
Ion Ratio Lower Upper
43 100
72 29.1 15.0 45.0

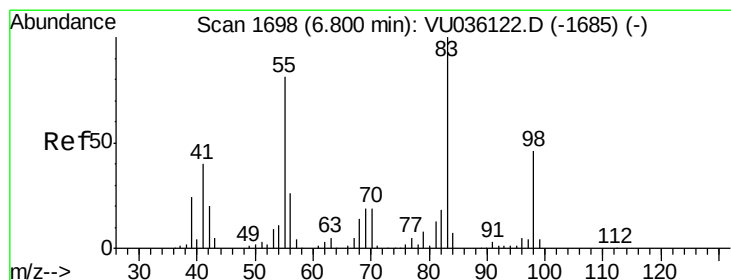
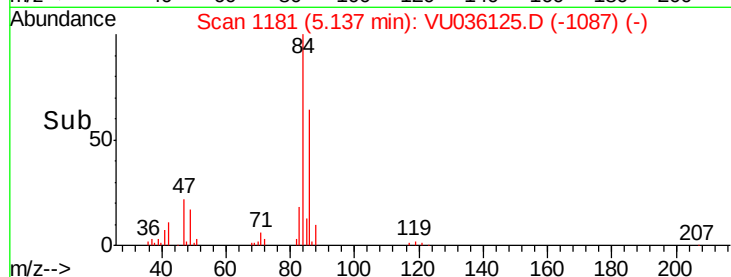
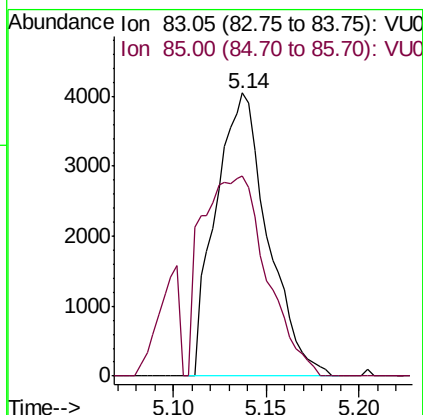
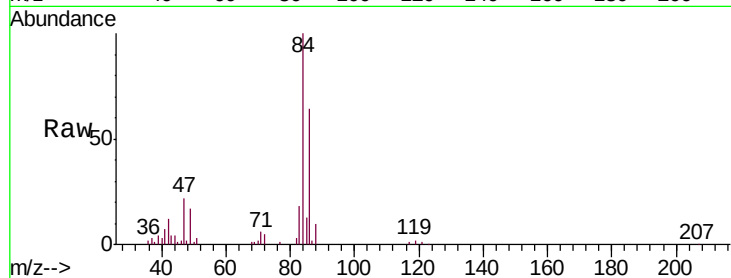




#25
Chloroform
Concen: 0.187 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036125.D
Acq: 11 Dec 2019 11:54

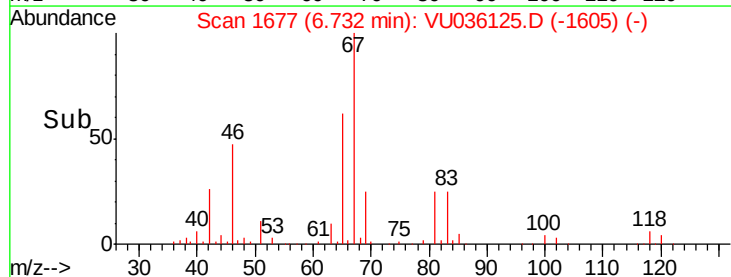
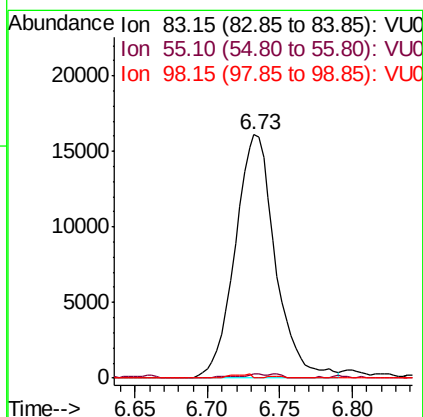
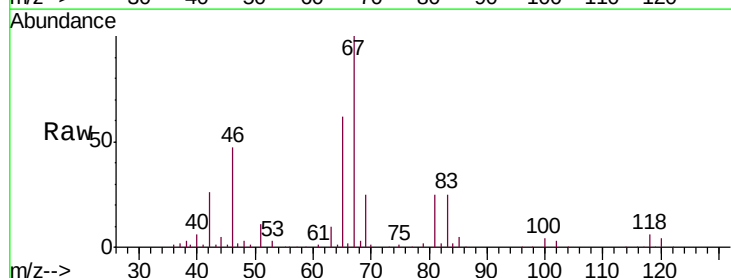
Instrument :
MSVOA_U
ClientSampleId :
BFQX7

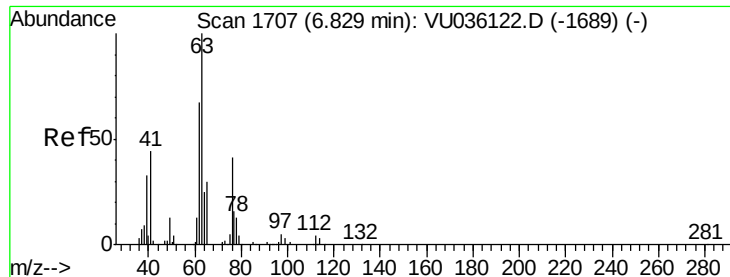
Tgt Ion: 83 Resp: 7913
Ion Ratio Lower Upper
83 100
85 70.9 43.9 81.5



#35
Methylcyclohexane
Concen: 1.010 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036125.D
Acq: 11 Dec 2019 11:54

Tgt Ion: 83 Resp: 31086
Ion Ratio Lower Upper
83 100
55 1.0 62.1 93.1#
98 0.7 37.0 55.4#

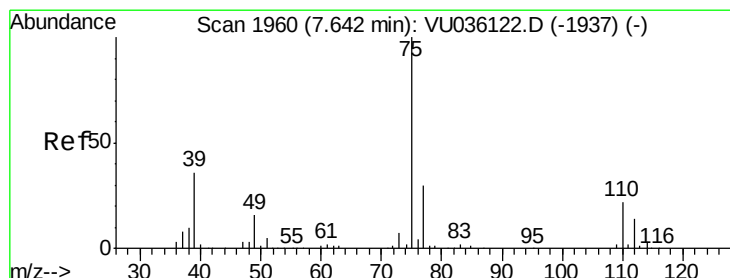
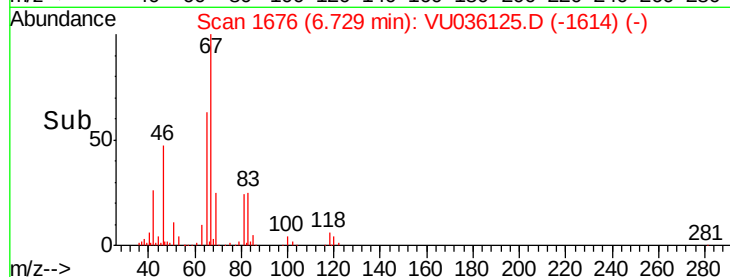
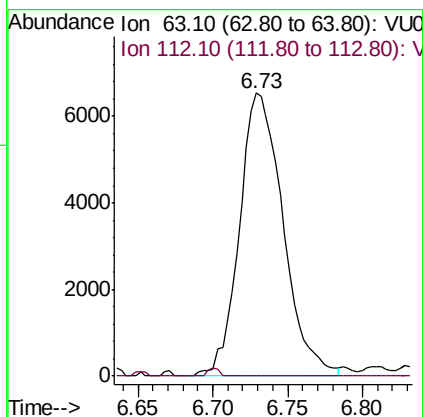
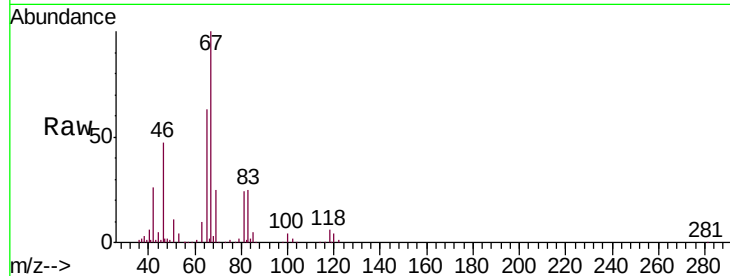




#37
 1,2-Dichloropropane
 Concen: 0.611 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036125.D
 Acq: 11 Dec 2019 11:54

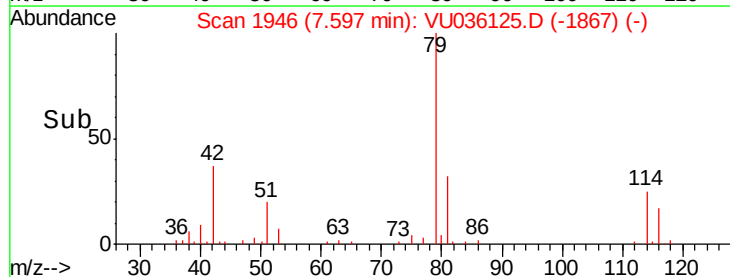
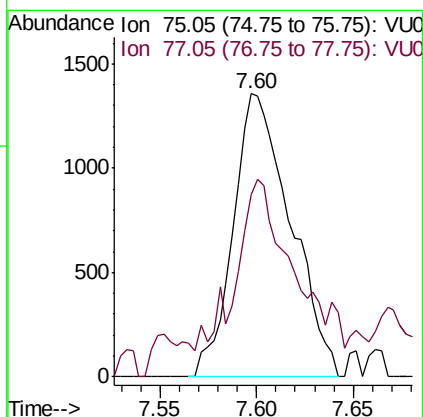
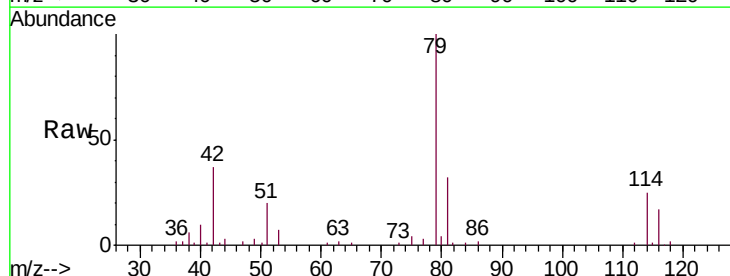
Instrument :
 MSVOA_U
 ClientSampleId :
 BFQX7

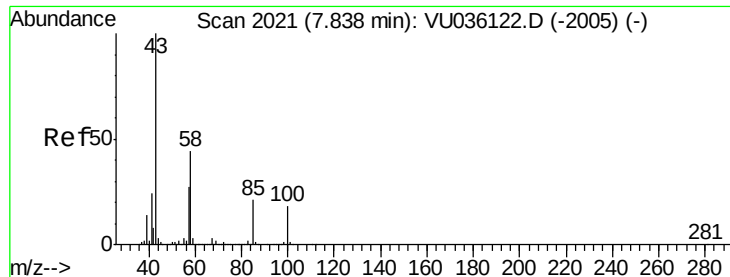
Tgt Ion: 63 Resp: 13246
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.05 min
 Lab File: VU036125.D
 Acq: 11 Dec 2019 11:54

Tgt Ion: 75 Resp: 2795
 Ion Ratio Lower Upper
 75 100
 77 64.4 21.7 40.3#

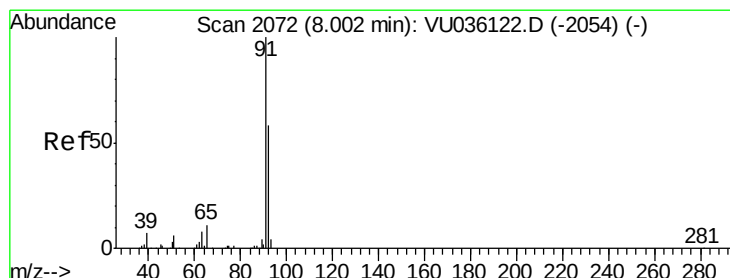
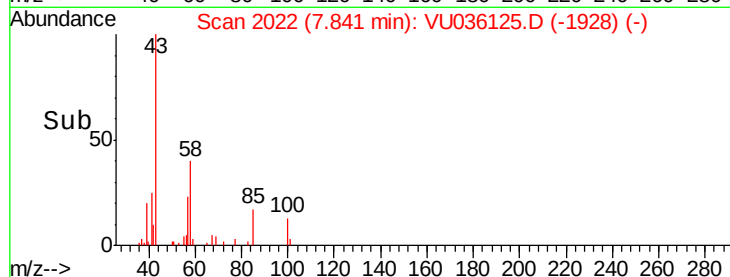
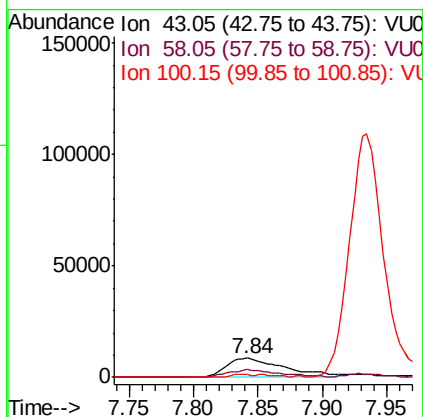
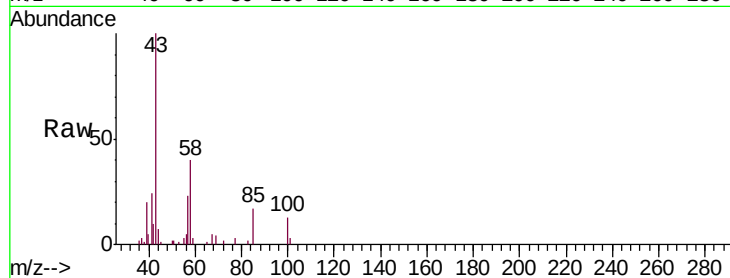




#40
 4-Methyl-2-pentanone
 Concen: 2.392 ug/L
 RT: 7.84 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: VU036125.D
 Acq: 11 Dec 2019 11:54

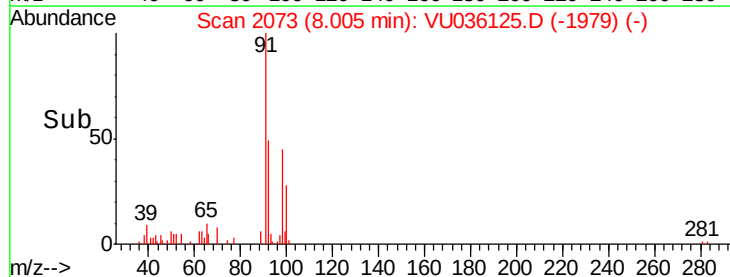
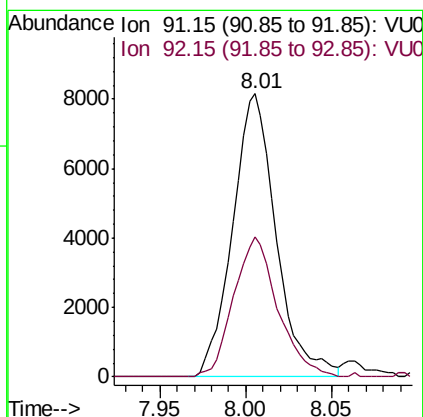
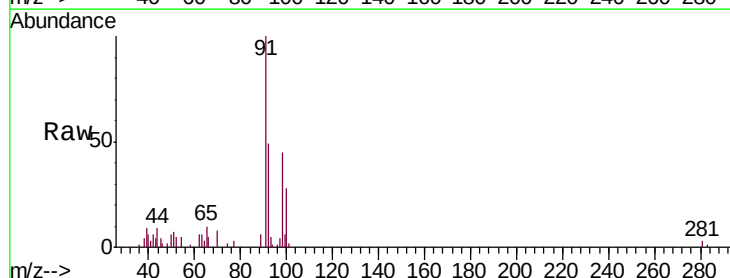
Instrument :
 MSVOA_U
 ClientSampled :
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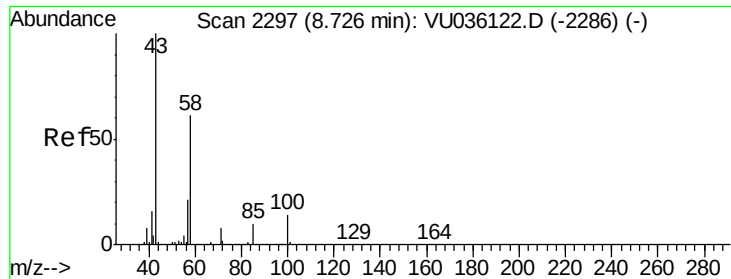
Tgt Ion: 43 Resp: 27070
 Ion Ratio Lower Upper
 43 100
 58 36.9 34.5 51.7
 100 0.0 14.3 21.5#



#42
 Toluene
 Concen: 0.155 ug/L
 RT: 8.01 min Scan# 2073
 Delta R.T. 0.00 min
 Lab File: VU036125.D
 Acq: 11 Dec 2019 11:54

Tgt Ion: 91 Resp: 14398
 Ion Ratio Lower Upper
 91 100
 92 49.3 40.0 74.4

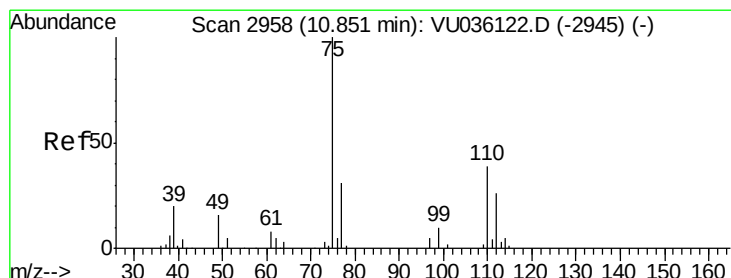
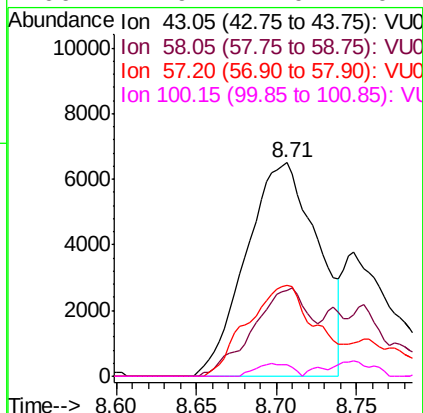
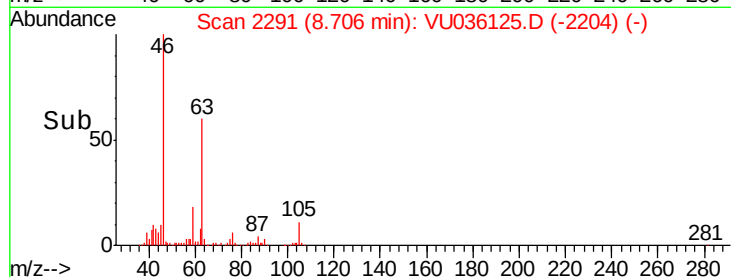
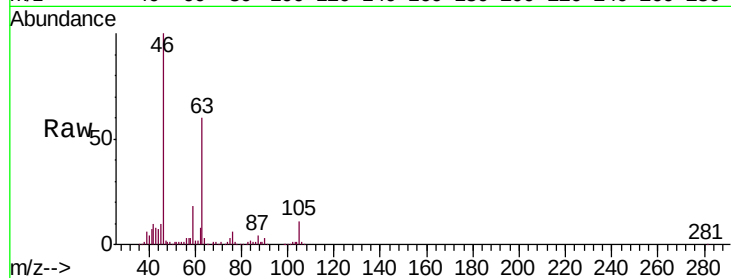




#48
2-Hexanone
Concen: 2.482 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.02 min
Lab File: VU036125.D
Acq: 11 Dec 2019 11:54

Instrument :
MSVOA_U
ClientSampleId :
BFQX7

Tgt Ion: 43 Resp: 20146
Ion Ratio Lower Upper
43 100
58 32.6 46.9 70.3#
57 41.0 16.4 24.6#
100 2.9 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 0.570 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU036125.D
Acq: 11 Dec 2019 11:54

Tgt Ion: 75 Resp: 8835
Ion Ratio Lower Upper
75 100
77 35.7 26.7 40.1

