

Data File : VU036241.D
Acq On : 16 Dec 2019 18:08
Operator : JC/MD
Sample : K6275-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDT0

Quant Time: Dec 17 01:25:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 01:19:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	232602	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	257069	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	78222	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	86235	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.93	69	87082	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.59	63	90680	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.68	46	189127	49.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.56%
24) Chloroform-d	5.11	84	124192	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.40%
26) 1,2-Dichloroethane-d4	5.75	65	87210	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.77	84	289145	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.73	67	94609	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.93	98	231877	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloropropene-	8.21	79	37138	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.69	63	141930	44.31	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.62%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	87734	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	74774	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

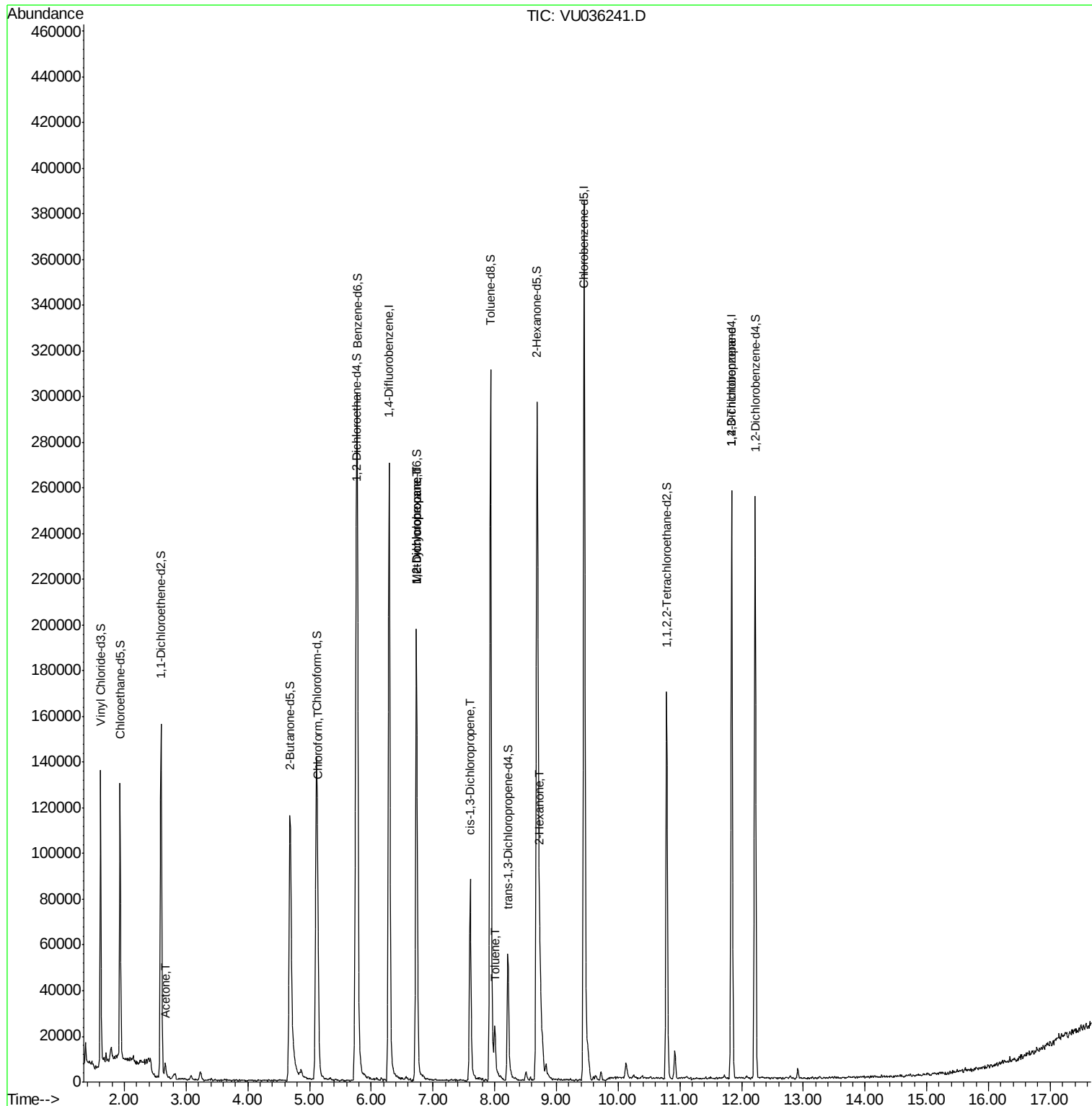
					Qvalue
13) Acetone	2.66	43	6462	1.932	ug/L 91
25) Chloroform	5.14	83	39062	1.082	ug/L 92
35) Methylcyclohexane	6.73	83	23430	0.809	ug/L # 19
37) 1,2-Dichloropropane	6.73	63	10414	0.517	ug/L # 86
39) cis-1,3-Dichloropropene	7.60	75	2113	0.077	ug/L # 36
42) Toluene	8.00	91	14527	0.172	ug/L 97
48) 2-Hexanone	8.73	43	10059	1.278	ug/L # 76
59) 1,2,3-Trichloropropane	11.84	75	8190	0.611	ug/L # 87

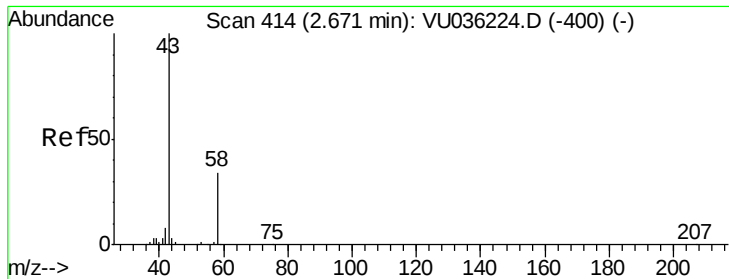
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.932 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU036241.D

Acq: 16 Dec 2019 18:08

Instrument :

MSVOA_U

ClientSampled :

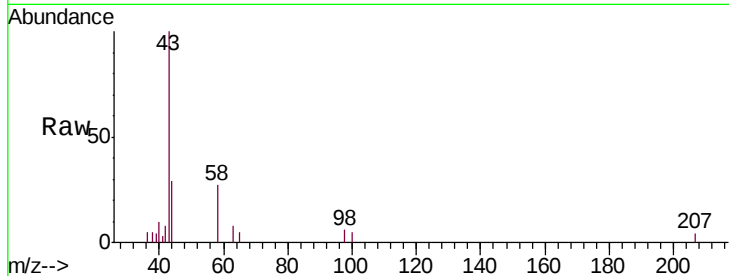
BFDTO

Tgt Ion: 43 Resp: 6462

Ion Ratio Lower Upper

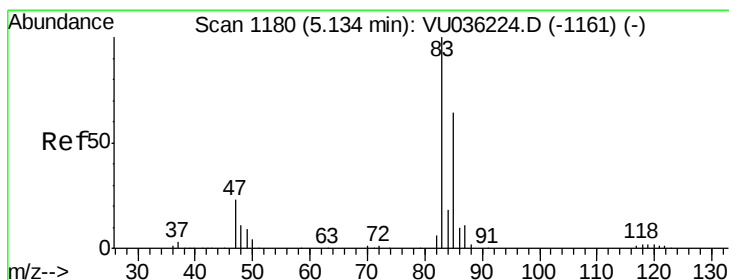
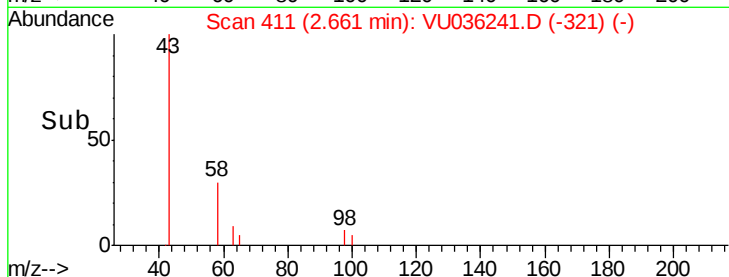
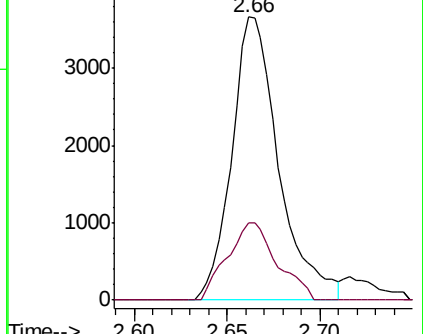
43 100

58 28.8 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036224.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU036224.D (-400) (-)



#25

Chloroform

Concen: 1.082 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU036241.D

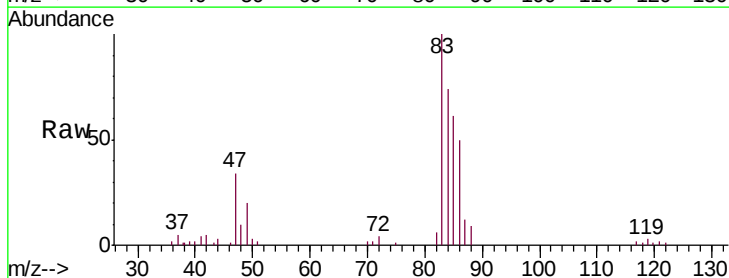
Acq: 16 Dec 2019 18:08

Tgt Ion: 83 Resp: 39062

Ion Ratio Lower Upper

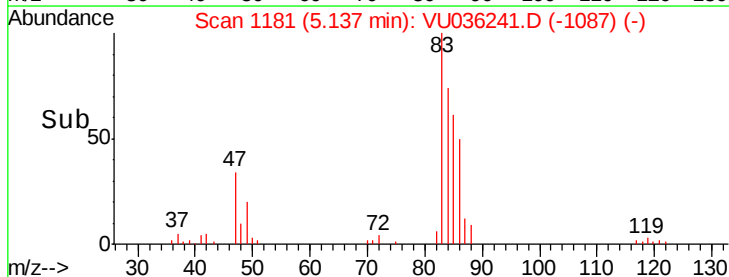
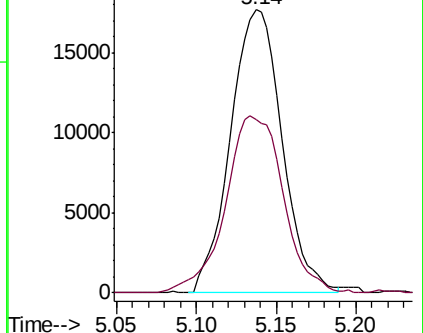
83 100

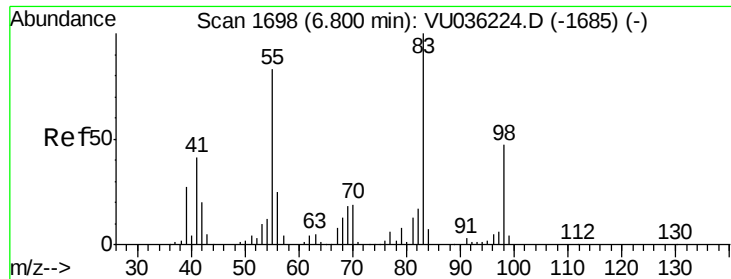
85 61.1 47.5 88.1



Abundance Ion 83.05 (82.75 to 83.75): VU036224.D (-1161) (-)

Ion 85.00 (84.70 to 85.70): VU036224.D (-1161) (-)

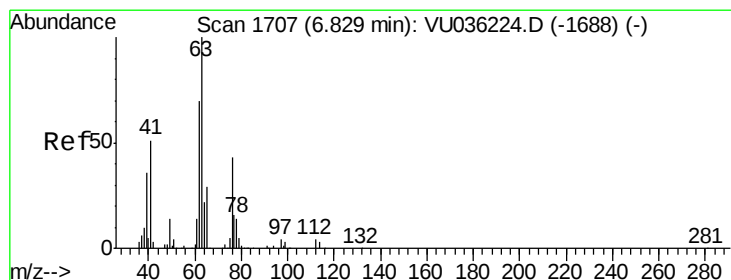
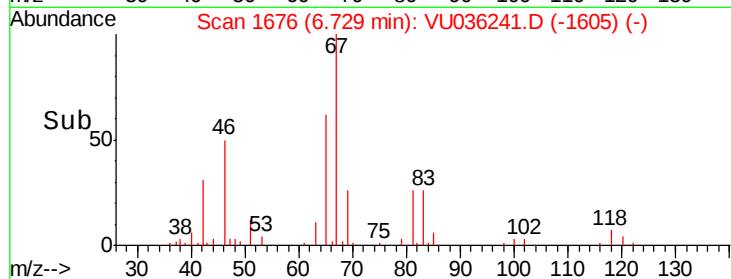
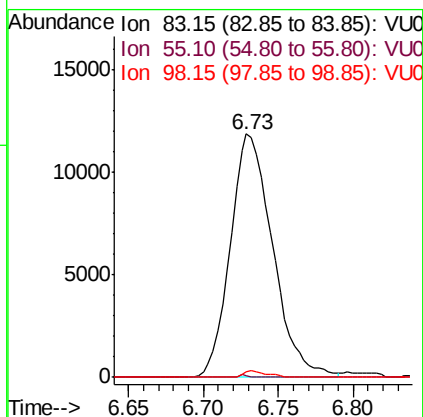
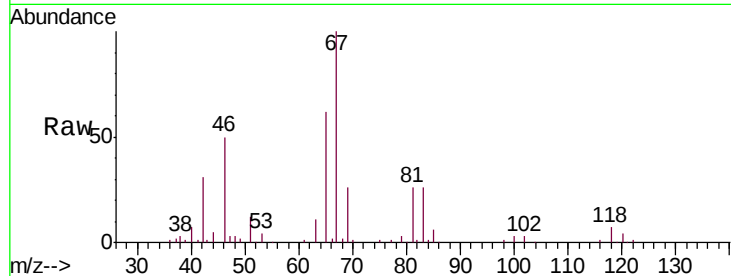




#35
Methylcyclohexane
Concen: 0.809 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036241.D
Acq: 16 Dec 2019 18:08

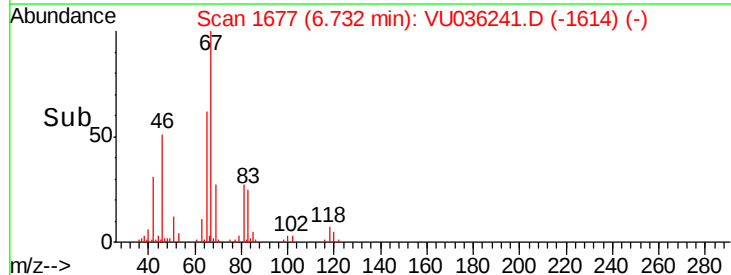
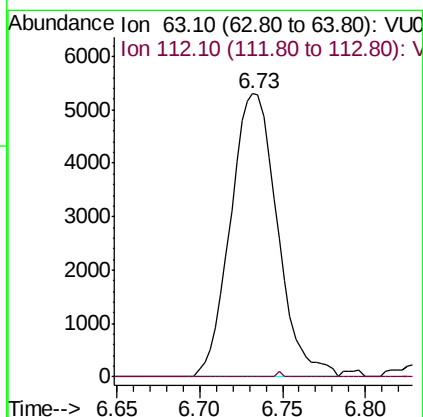
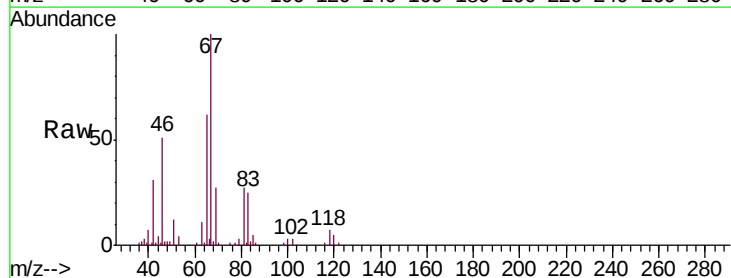
Instrument :
MSVOA_U
ClientSampleId :
BFDT0

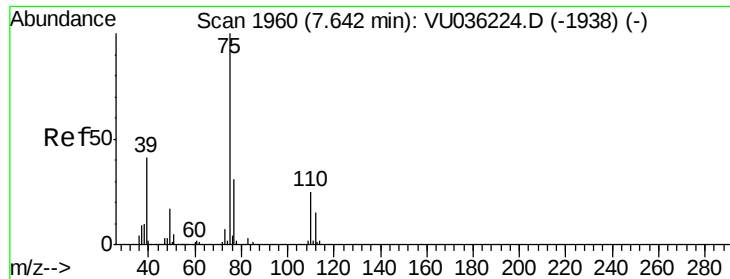
Tgt Ion: 83 Resp: 23430
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 1.5 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.517 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036241.D
Acq: 16 Dec 2019 18:08

Tgt Ion: 63 Resp: 10414
Ion Ratio Lower Upper
63 100
112 0.2 3.8 5.8#

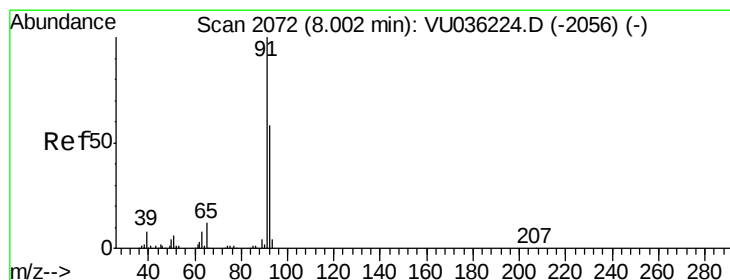
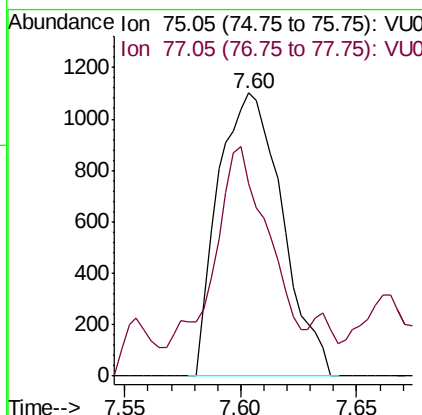
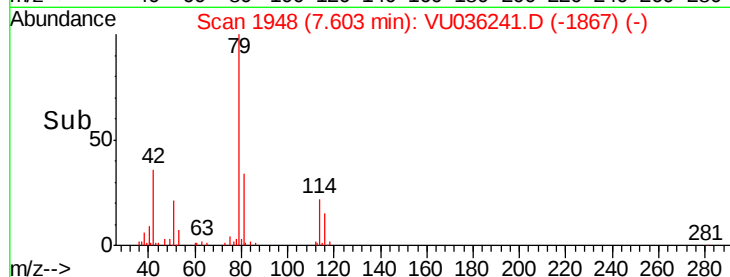
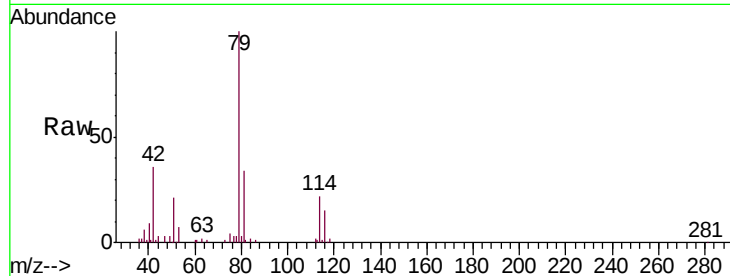




#39
 cis-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036241.D
 Acq: 16 Dec 2019 18:08

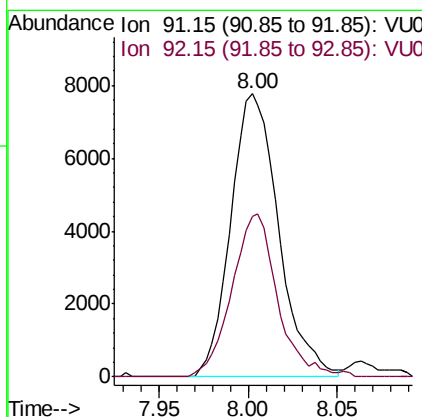
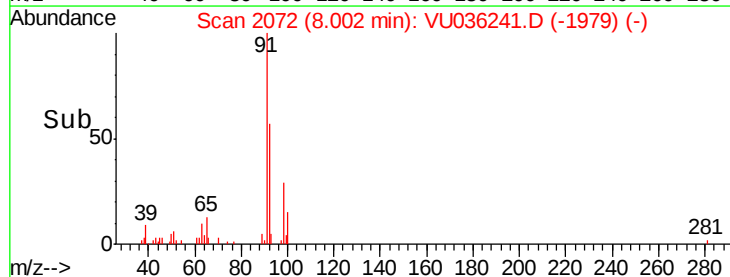
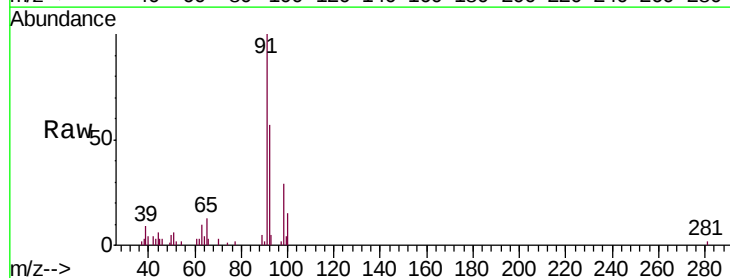
Instrument :
 MSVOA_U
 ClientSampleId :
 BFDT0

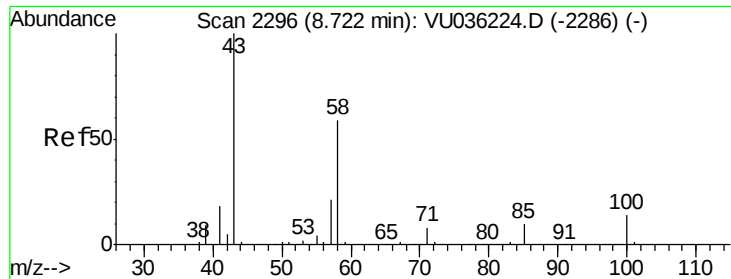
Tgt Ion: 75 Resp: 2113
 Ion Ratio Lower Upper
 75 100
 77 68.2 22.7 42.1#



#42
 Toluene
 Concen: 0.172 ug/L
 RT: 8.00 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VU036241.D
 Acq: 16 Dec 2019 18:08

Tgt Ion: 91 Resp: 14527
 Ion Ratio Lower Upper
 91 100
 92 56.7 41.2 76.6

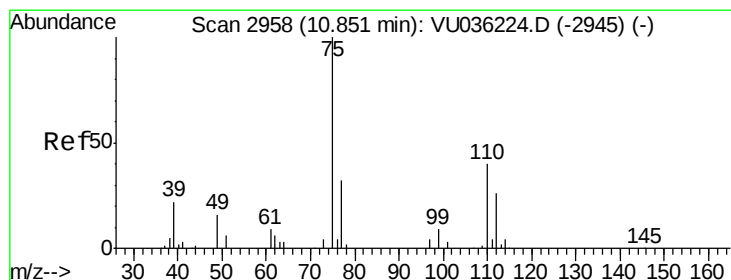
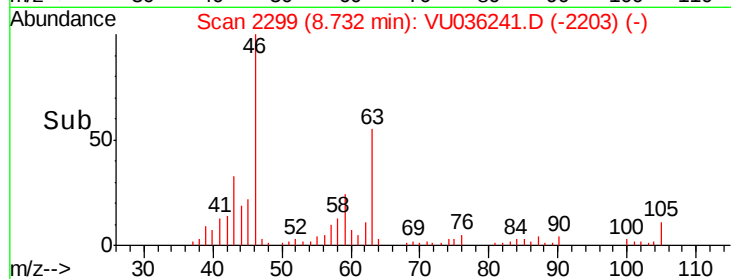
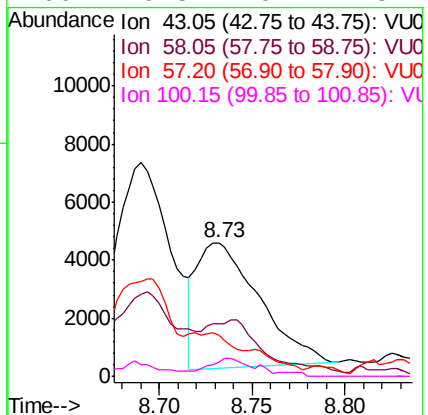
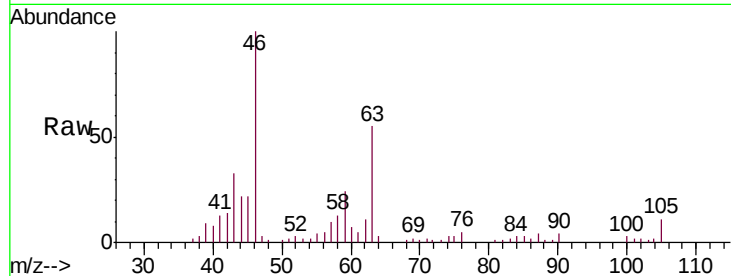




#48
2-Hexanone
Concen: 1.278 ug/L
RT: 8.73 min Scan# 2299
Delta R.T. 0.01 min
Lab File: VU036241.D
Acq: 16 Dec 2019 18:08

Instrument :
MSVOA_U
ClientSampleId :
BFD0

Tgt Ion:	43	Resp:	10059
Ion	Ratio	Lower	Upper
43	100		
58	42.1	46.2	69.2#
57	0.0	16.2	24.4#
100	10.5	10.2	15.4



#59
1,2,3-Trichloropropane
Concen: 0.611 ug/L
RT: 11.84 min Scan# 3265
Delta R.T. 0.99 min
Lab File: VU036241.D
Acq: 16 Dec 2019 18:08

Tgt Ion:	75	Resp:	8190
Ion	Ratio	Lower	Upper
75	100		
77	41.6	27.2	40.8#

