

Data File : VU036047.D
Acq On : 09 Dec 2019 15:10
Operator : JC/MD
Sample : K6105-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE28

Quant Time: Dec 10 01:50:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	270560	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	279488	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	68919	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	122851	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.93	69	130306	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.59	63	174447	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	4.68	46	174586	42.49	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.98%
24) Chloroform-d	5.11	84	170598	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.75	65	95094	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.77	84	383172	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	6.73	67	113398	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.93	98	325116	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	8.22	79	34261	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.70	63	136615	42.46	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.92%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	89083	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	75375	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%

Target Compounds

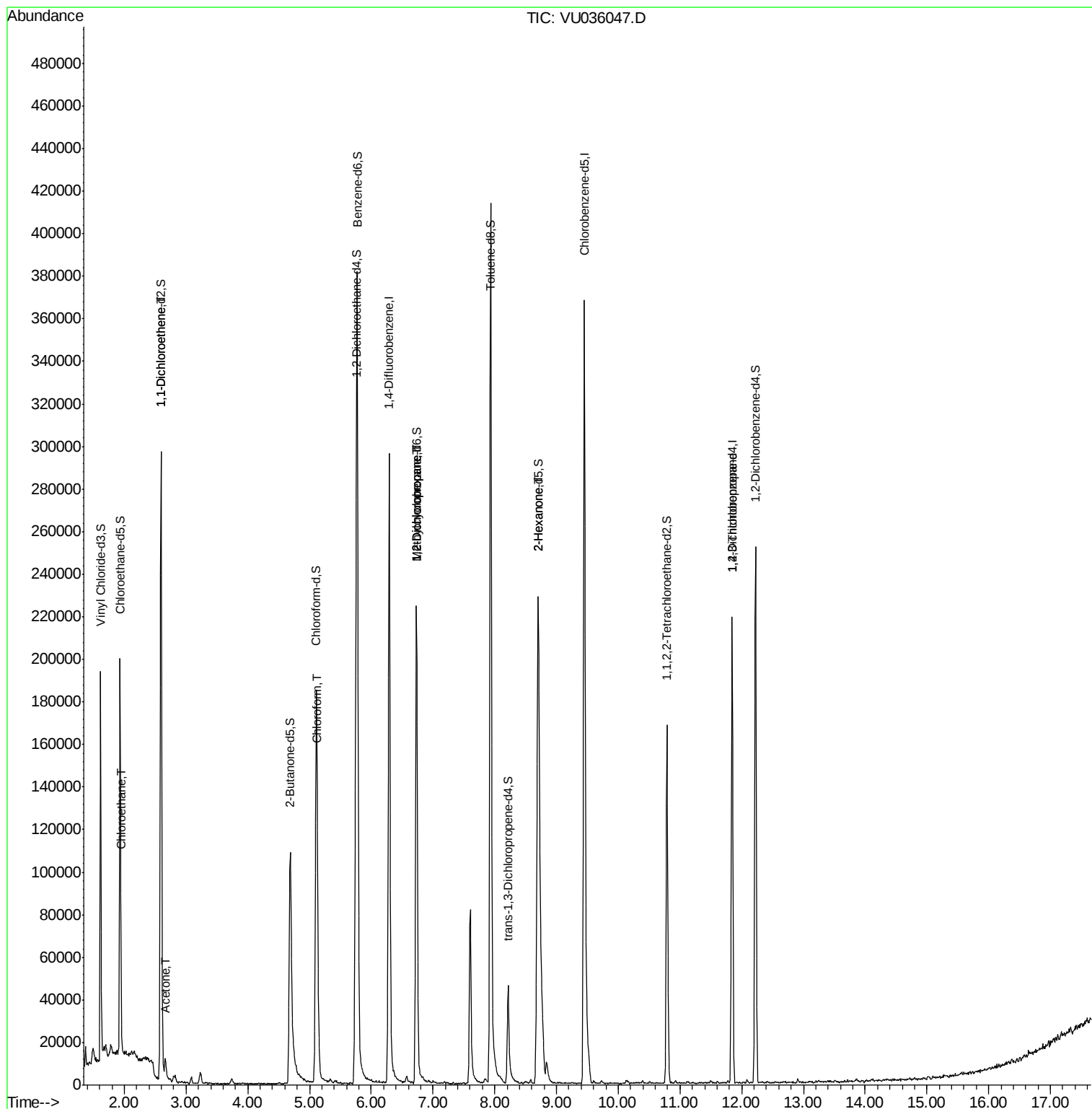
					Qvalue	
8) Chloroethane	1.95	64	1514	0.073	ug/L #	64
12) 1,1-Dichloroethene	2.59	96	1492	0.063	ug/L #	1
13) Acetone	2.66	43	10980	2.105	ug/L	89
25) Chloroform	5.13	83	20671	0.514	ug/L	95
35) Methylcyclohexane	6.73	83	27868	1.024	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	11919	0.622	ug/L #	86
48) 2-Hexanone	8.71	43	24009	3.344	ug/L #	65
59) 1,2,3-Trichloropropane	11.85	75	7397	0.540	ug/L	91

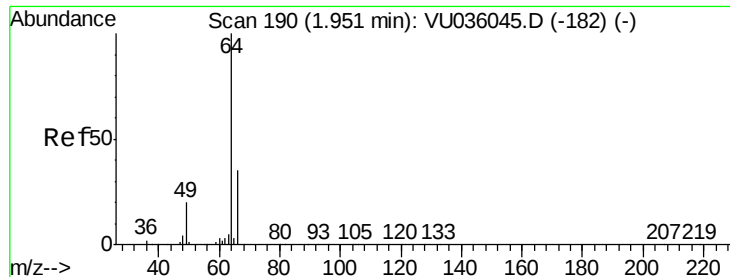
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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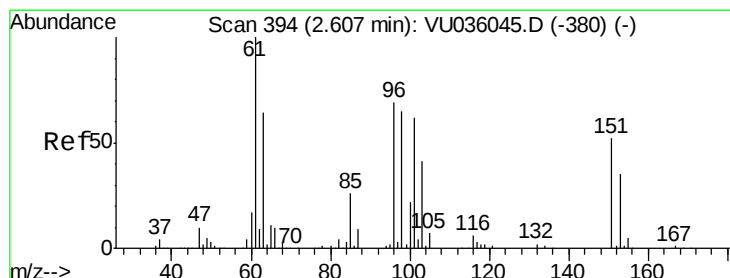
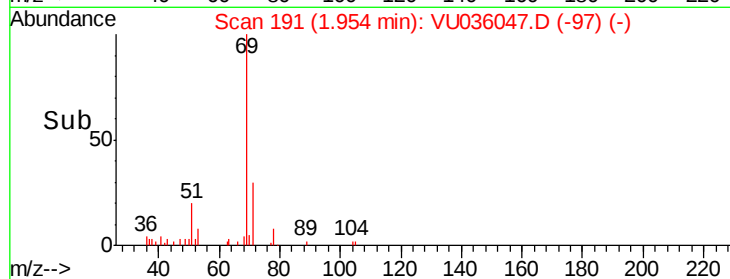
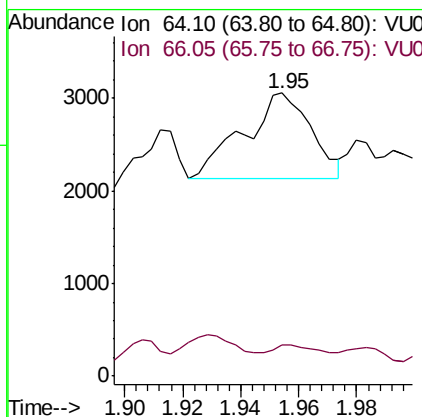
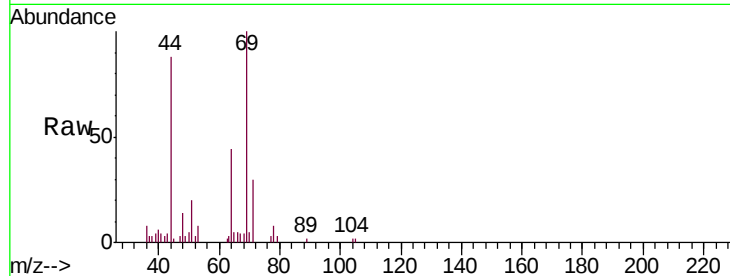




#8
Chloroethane
Concen: 0.073 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU036047.D
Acq: 09 Dec 2019 15:10

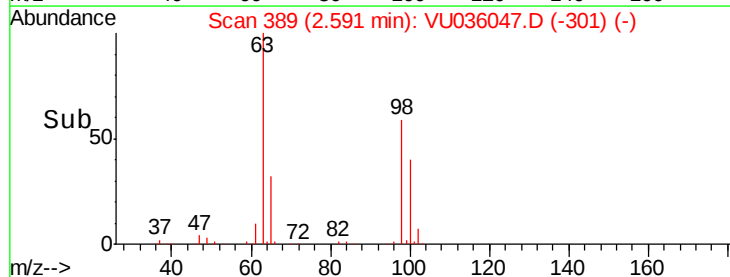
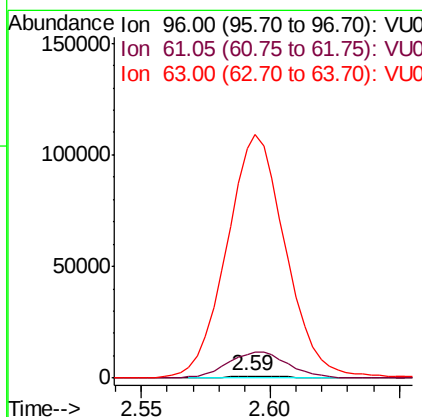
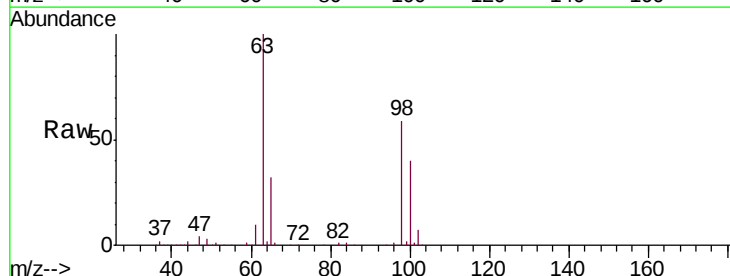
Instrument :
MSVOA_U
ClientSampleId :
BFE28

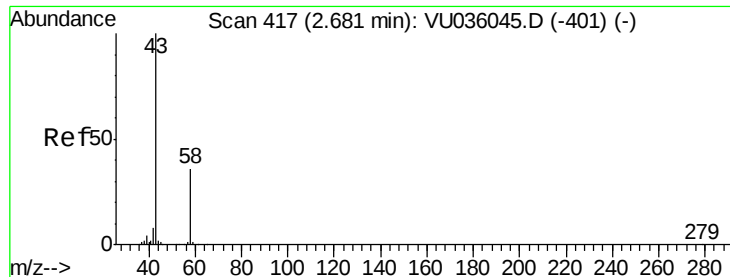
Tgt Ion: 64 Resp: 1514
Ion Ratio Lower Upper
64 100
66 11.0 21.5 39.9#



#12
1,1-Dichloroethene
Concen: 0.063 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.02 min
Lab File: VU036047.D
Acq: 09 Dec 2019 15:10

Tgt Ion: 96 Resp: 1492
Ion Ratio Lower Upper
96 100
61 1319.5 104.3 193.7#
63 12665.0 65.6 121.8#





#13

Acetone

Concen: 2.105 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU036047.D

Acq: 09 Dec 2019 15:10

Instrument :

MSVOA_U

ClientSampleId :

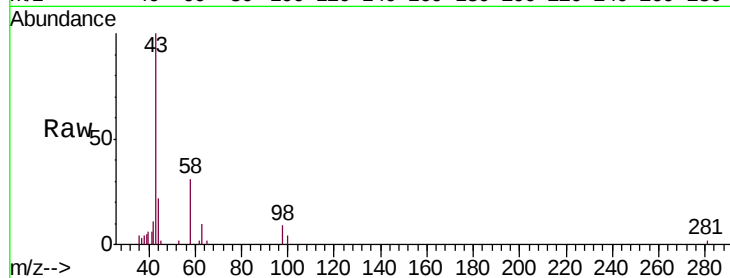
BFE28

Tgt Ion: 43 Resp: 10980

Ion Ratio Lower Upper

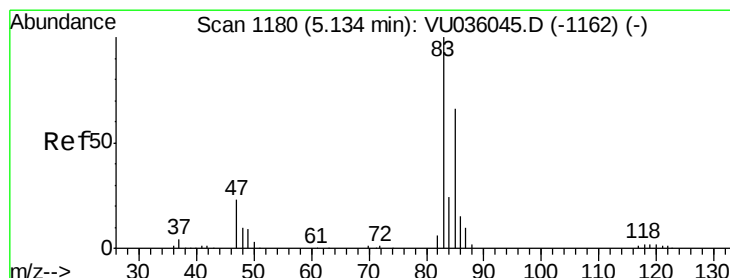
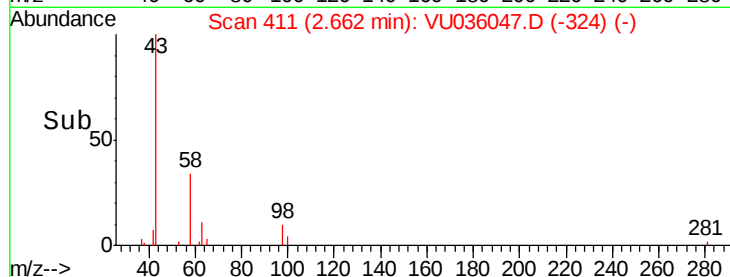
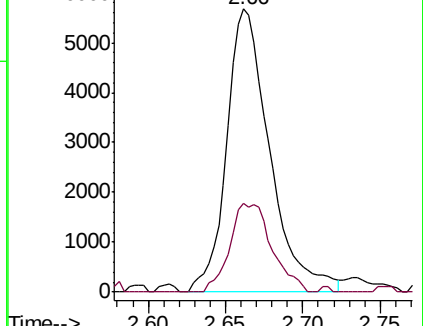
43 100

58 30.4 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036045.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU036045.D (-401) (-)



#25

Chloroform

Concen: 0.514 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VU036047.D

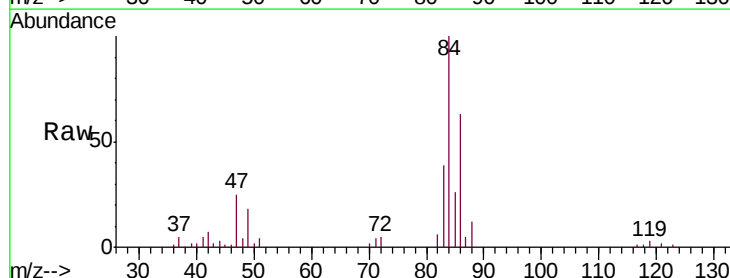
Acq: 09 Dec 2019 15:10

Tgt Ion: 83 Resp: 20671

Ion Ratio Lower Upper

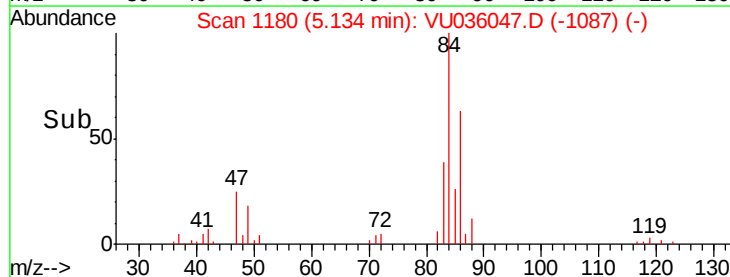
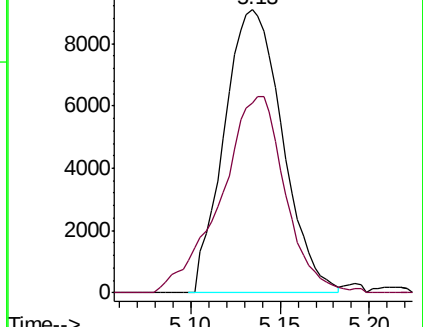
83 100

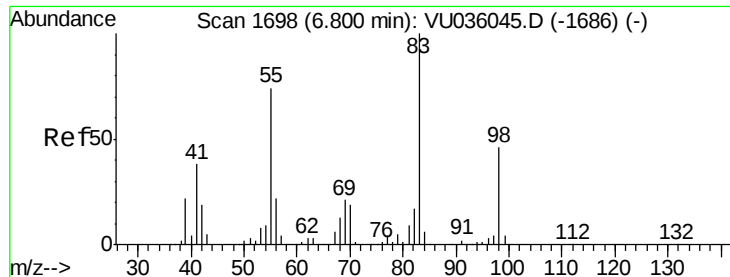
85 66.9 43.9 81.5



Abundance Ion 83.05 (82.75 to 83.75): VU036045.D (-1162) (-)

Ion 85.00 (84.70 to 85.70): VU036045.D (-1162) (-)

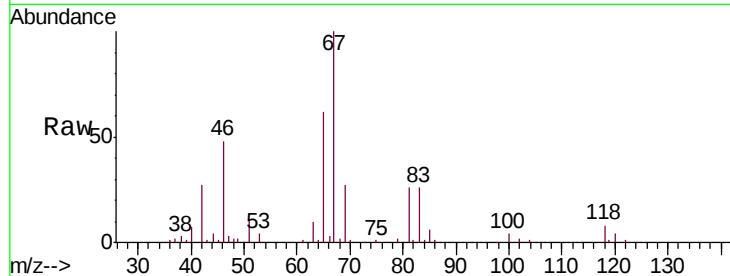




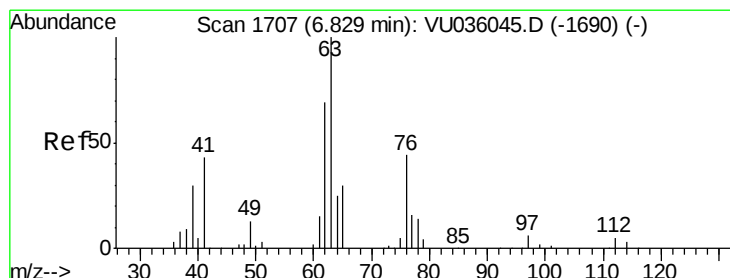
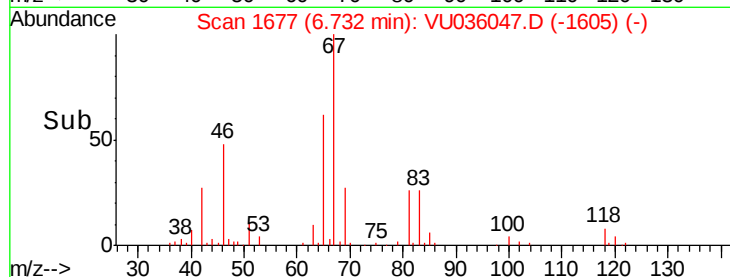
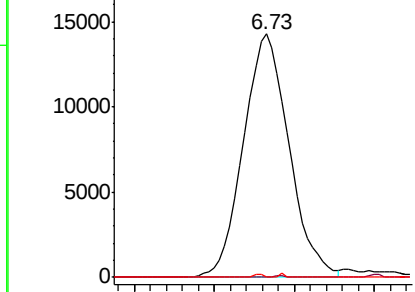
#35
Methylcyclohexane
Concen: 1.024 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036047.D
Acq: 09 Dec 2019 15:10

Instrument :
MSVOA_U
ClientSampleId :
BFE28

Tgt Ion: 83 Resp: 27868
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.2 37.0 55.4#

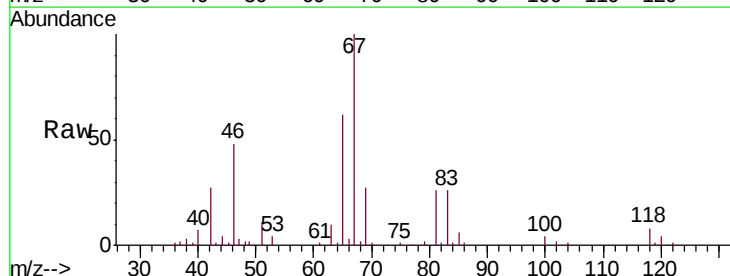


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

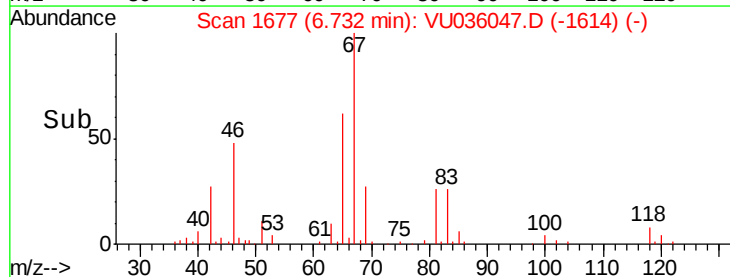
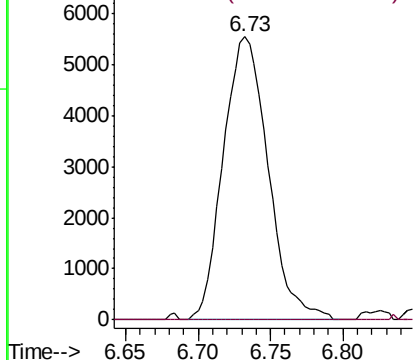


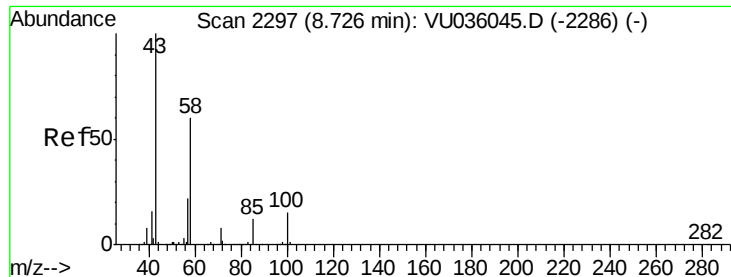
#37
1,2-Dichloropropane
Concen: 0.622 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036047.D
Acq: 09 Dec 2019 15:10

Tgt Ion: 63 Resp: 11919
Ion Ratio Lower Upper
63 100
112 0.2 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

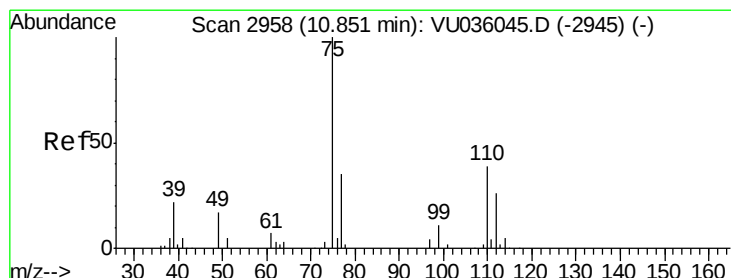
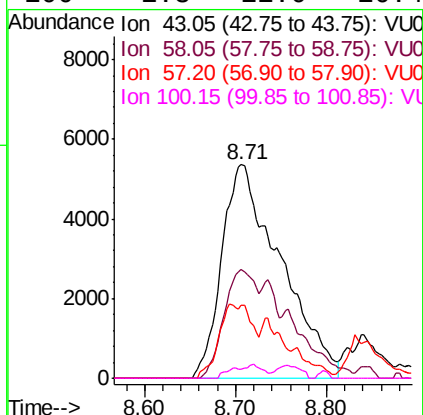
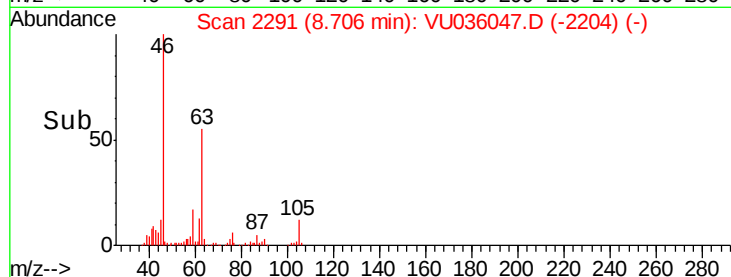
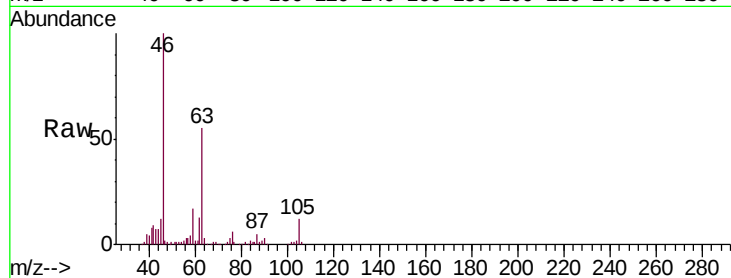




#48
2-Hexanone
Concen: 3.344 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.02 min
Lab File: VU036047.D
Acq: 09 Dec 2019 15:10

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 43 Resp: 24009
Ion Ratio Lower Upper
43 100
58 27.9 46.9 70.3#
57 11.8 16.4 24.6#
100 1.3 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 0.540 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. 1.00 min
Lab File: VU036047.D
Acq: 09 Dec 2019 15:10

Tgt Ion: 75 Resp: 7397
Ion Ratio Lower Upper
75 100
77 38.5 26.7 40.1

