

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021120\
 Data File : VU036718.D
 Acq On : 11 Feb 2020 11:52
 Operator : JC/MD
 Sample : VU0211MBL07
 Misc : 5.0µ/5.0mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 12 02:34:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 12 02:32:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	262245	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	249078	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	103027	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	64421	36.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.66%
7) Chloroethane-d5	1.93	69	65887	40.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.26%
11) 1,1-Dichloroethene-d2	2.59	63	97415	29.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.00%#
21) 2-Butanone-d5	4.67	46	136107	91.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.22%
24) Chloroform-d	5.11	84	136548	43.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.28%
26) 1,2-Dichloroethane-d4	5.75	65	100349	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.70%
32) Benzene-d6	5.77	84	296610	45.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.58%
36) 1,2-Dichloropropane-d6	6.73	67	101697	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.56%
41) Toluene-d8	7.93	98	265215	44.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.46%
43) trans-1,3-Dichloropropene-	8.21	79	45459	43.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.34%
47) 2-Hexanone-d5	8.66	63	112323	90.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.54%
56) 1,1,2,2-Tetrachloroethane-	10.78	84	150569	47.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.00%
66) 1,2-Dichlorobenzene-d4	12.21	152	90807	48.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%

Target Compounds

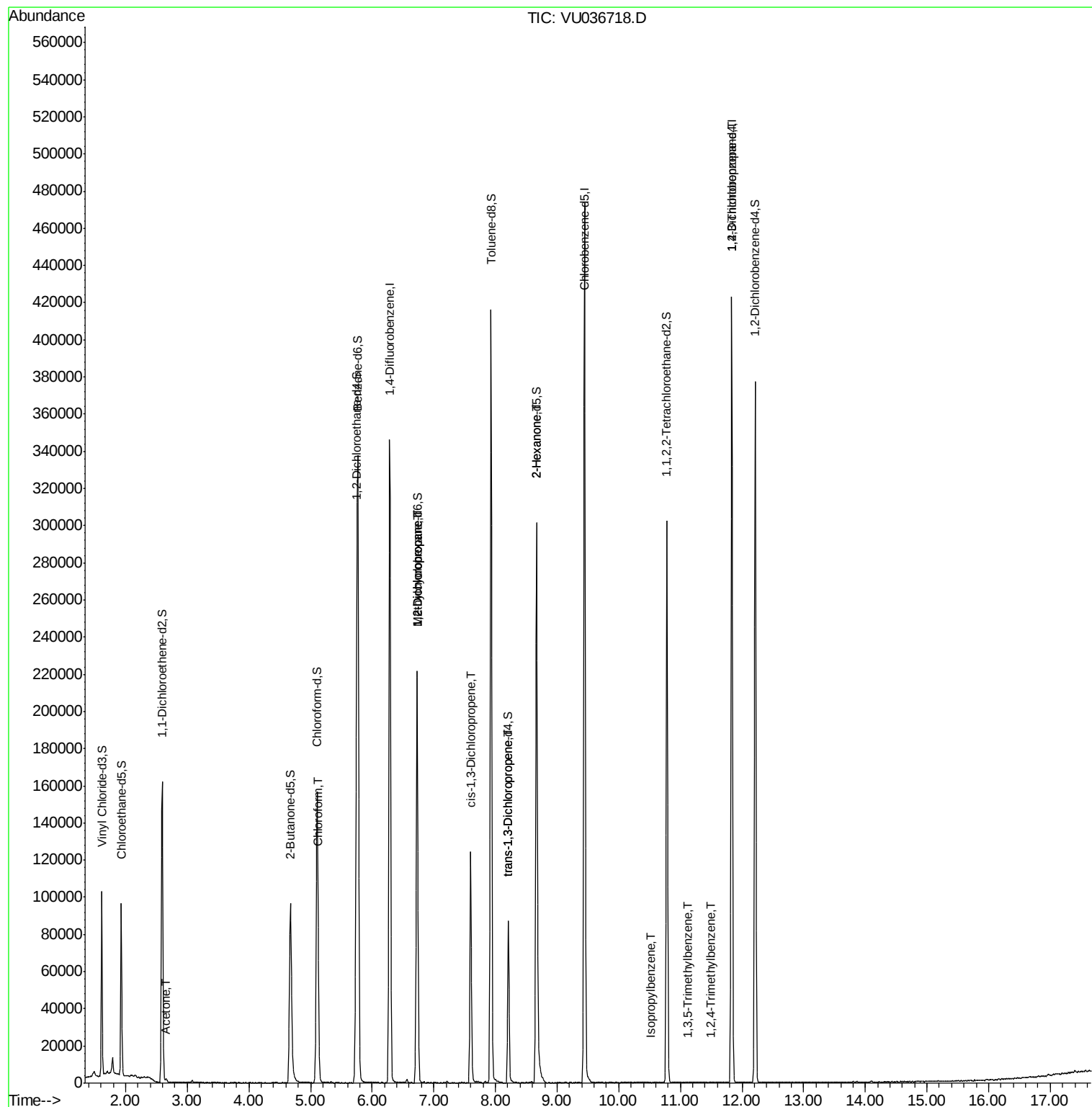
					Ovalue
13) Acetone	2.66	43	2309	1.457	ug/L 91
25) Chloroform	5.13	83	8705	2.636	ug/L 98
35) Methylcyclohexane	6.73	83	22111	6.739	ug/L # 20
37) 1,2-Dichloropropane	6.73	63	11248	5.537	ug/L # 88
39) cis-1,3-Dichloropropene	7.60	75	2924	0.901	ug/L # 49
44) trans-1,3-Dichloropropene	8.21	75	2100	0.741	ug/L # 78
48) 2-Hexanone	8.66	43	13263	5.066	ug/L # 67
60) 1,2,3-Trichloropropane	11.83	75	15498	6.395	ug/L # 70
61) Isopropylbenzene	10.51	105	95	0.012	ug/L # 55
62) 1,3,5-Trimethylbenzene	11.11	105	119	0.018	ug/L # 30
63) 1,2,4-Trimethylbenzene	11.49	105	102	0.016	ug/L # 32

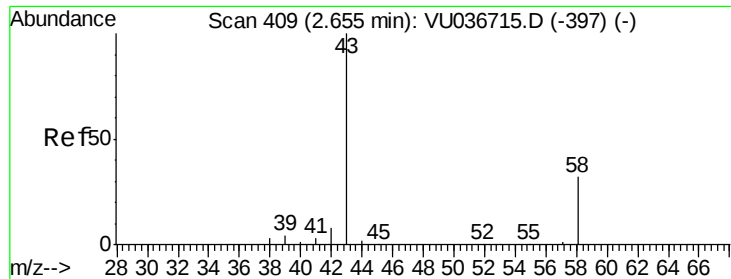
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU021120\
Data File : VU036718.D
Acq On : 11 Feb 2020 11:52
Operator : JC/MD
Sample : VU0211MBL07
Misc : 5.0µL/5.0mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Feb 12 02:34:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 12 02:32:22 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.457 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU036718.D

Acq: 11 Feb 2020 11:52

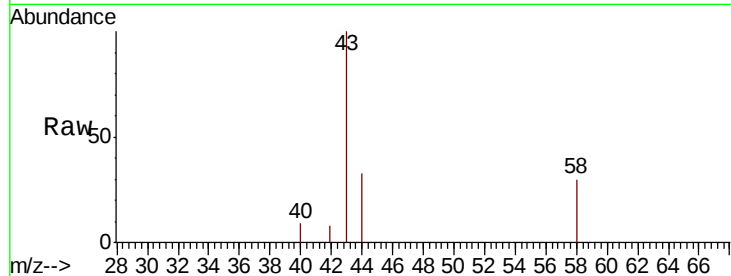
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 2309

Ion Ratio Lower Upper

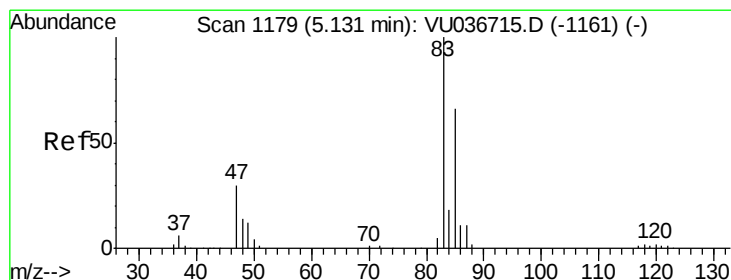
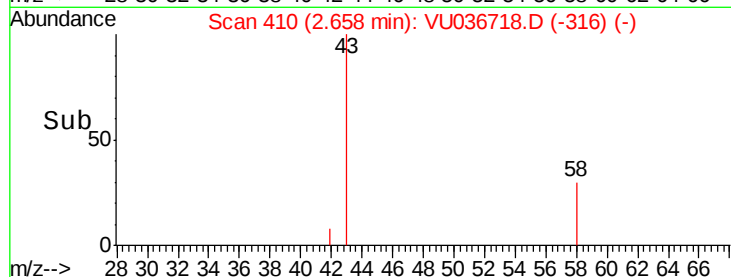
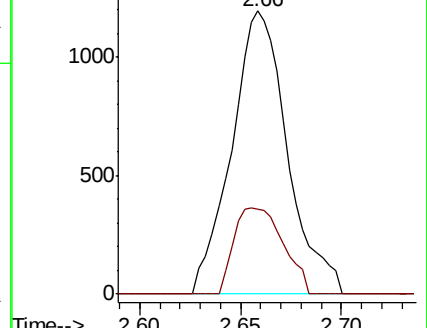
43 100

58 27.2 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU036718.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VU036718.D (-316) (-)



#25

Chloroform

Concen: 2.636 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VU036718.D

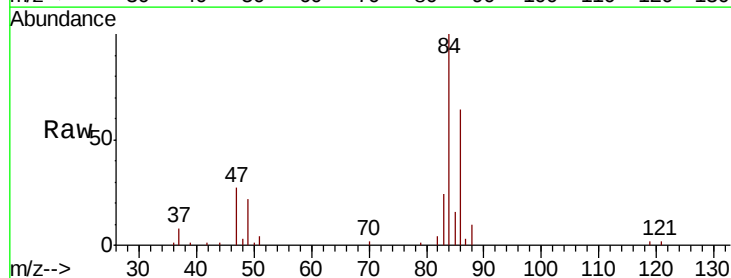
Acq: 11 Feb 2020 11:52

Tgt Ion: 83 Resp: 8705

Ion Ratio Lower Upper

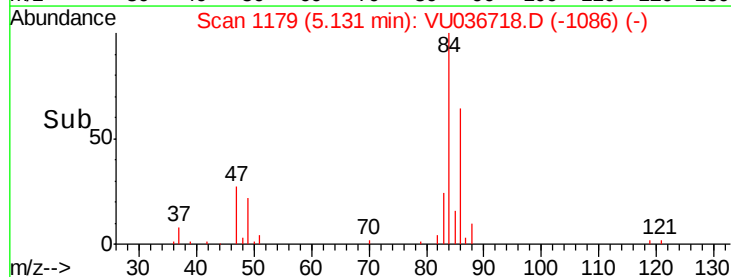
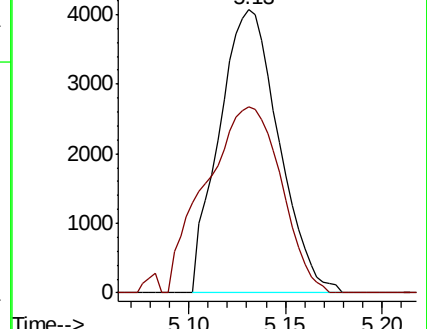
83 100

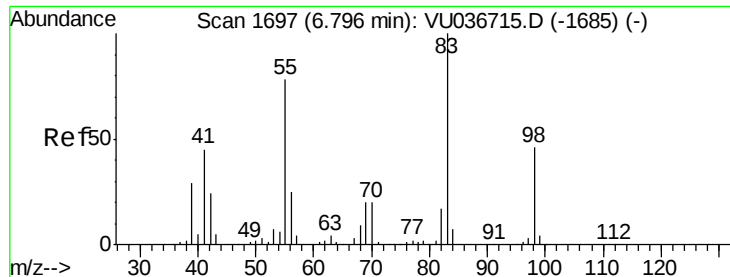
85 65.5 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VU036718.D (-1086) (-)

Ion 85.00 (84.70 to 85.70): VU036718.D (-1086) (-)

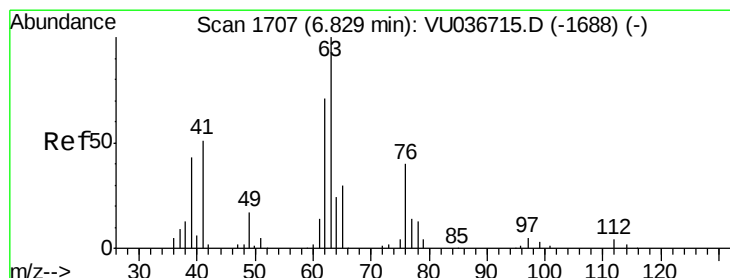
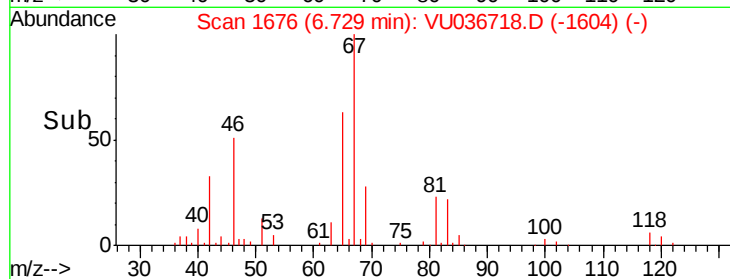
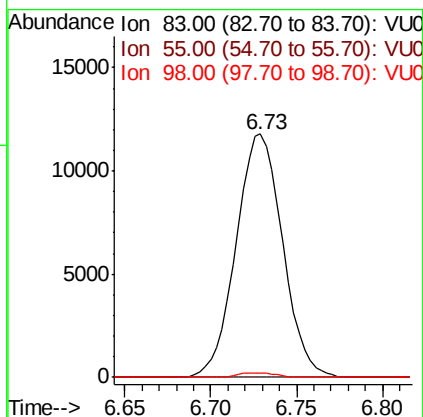
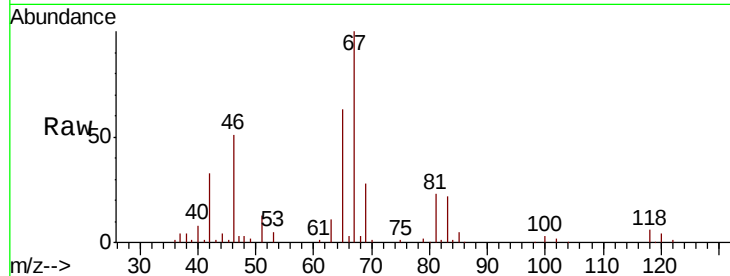




#35
Methvlcvclohexane
Concen: 6.739 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036718.D
Acq: 11 Feb 2020 11:52

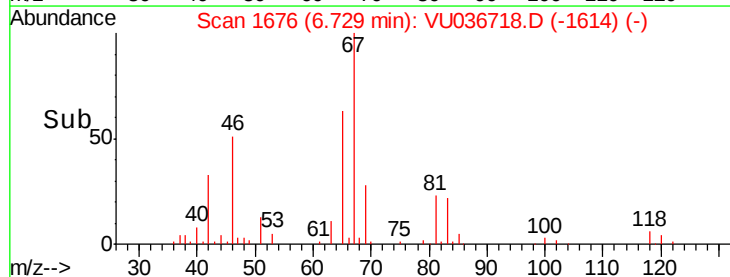
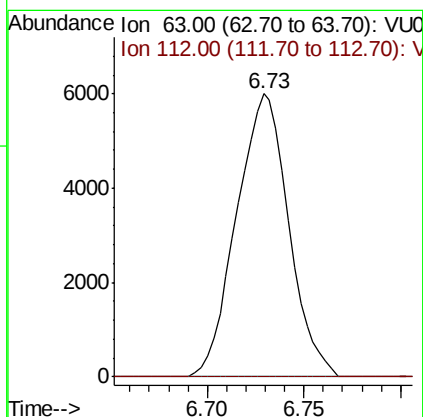
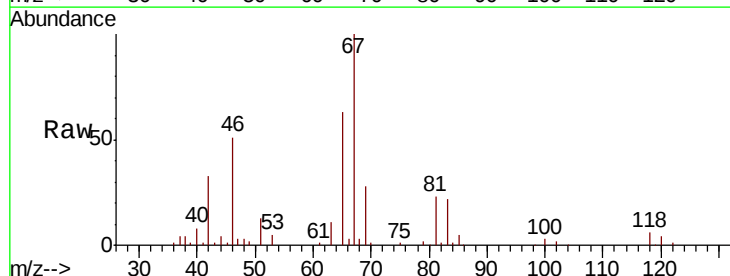
Instrument :
MSVOA_U
ClientSampleId :

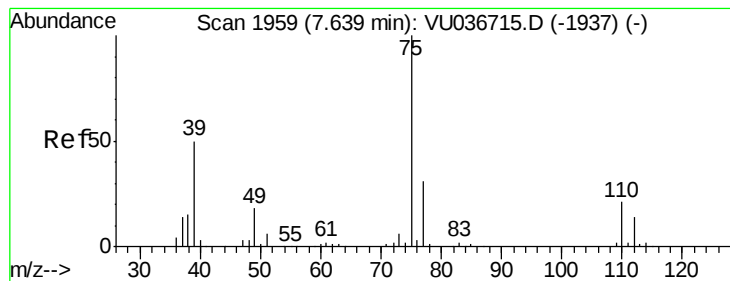
Tot Ion: 83 Resp: 22111
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 1.5 35.4 53.0#



#37
1,2-Dichloropropane
Concen: 5.537 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036718.D
Acq: 11 Feb 2020 11:52

Tgt Ion: 63 Resp: 11248
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



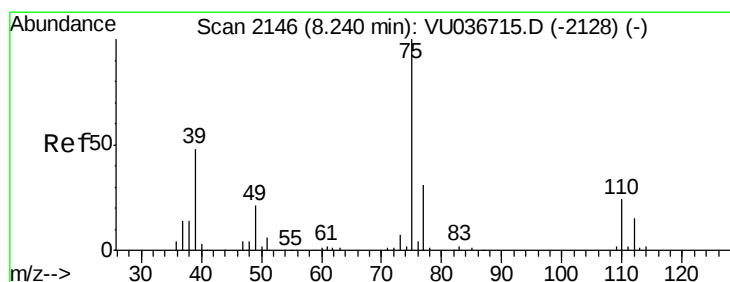
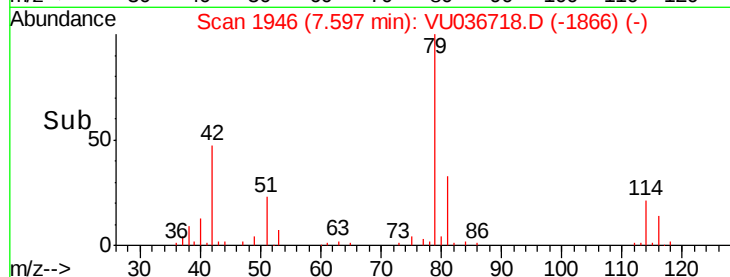
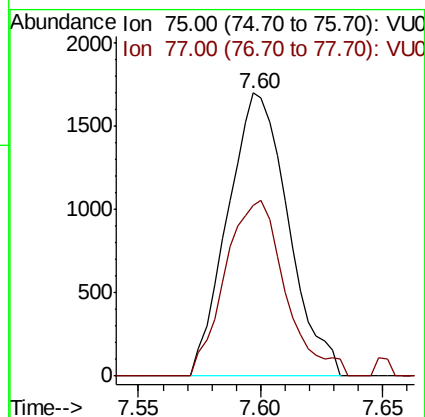
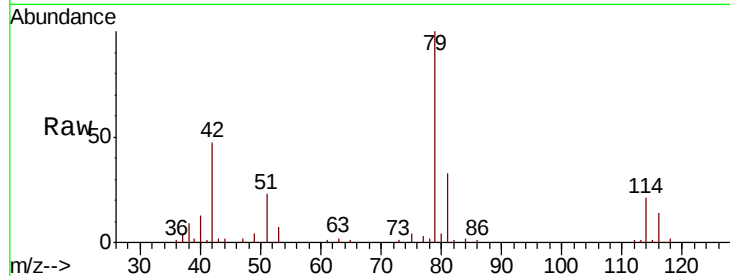


#39

cis-1,3-Dichloropropene
Concen: 0.901 ug/L
RT: 7.60 min Scan# 1946
Delta R.T. -0.04 min
Lab File: VU036718.D
Acq: 11 Feb 2020 11:52

Instrument :
MSVOA_U
ClientSampleId :

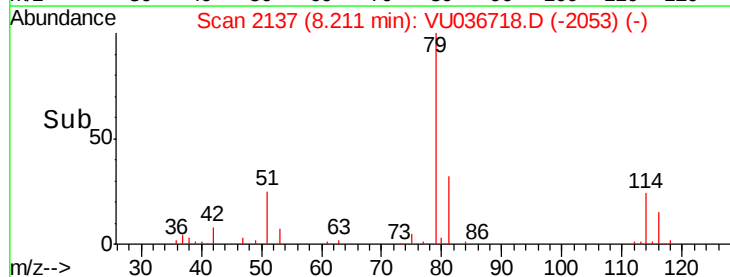
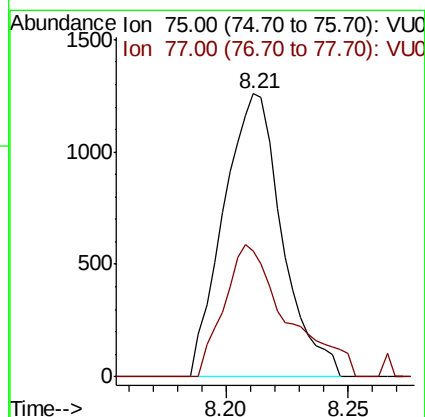
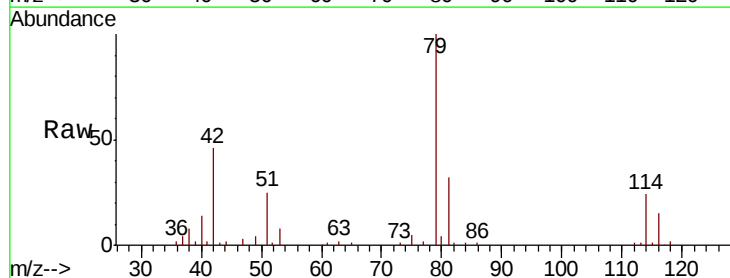
Tot Ion: 75 Resp: 2924
Ion Ratio Lower Upper
75 100
77 60.5 22.3 41.5#

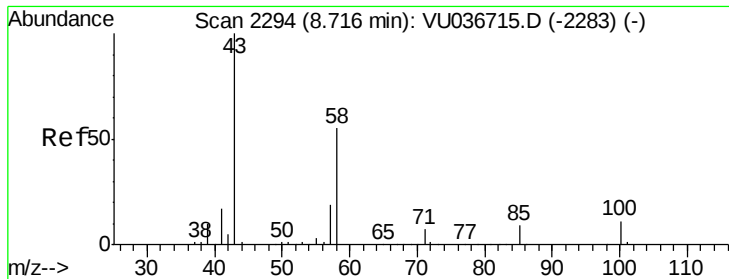


#44

trans-1,3-Dichloropropene
Concen: 0.741 ug/L
RT: 8.21 min Scan# 2137
Delta R.T. -0.03 min
Lab File: VU036718.D
Acq: 11 Feb 2020 11:52

Tgt Ion: 75 Resp: 2100
Ion Ratio Lower Upper
75 100
77 44.7 22.6 42.0#

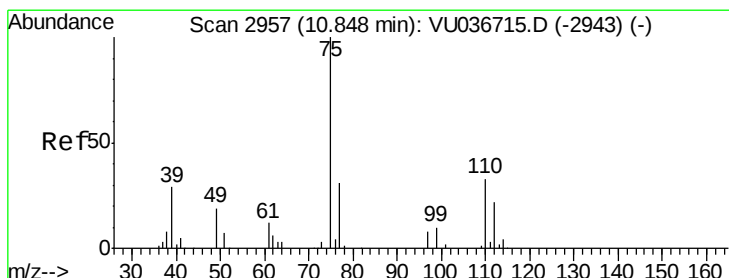
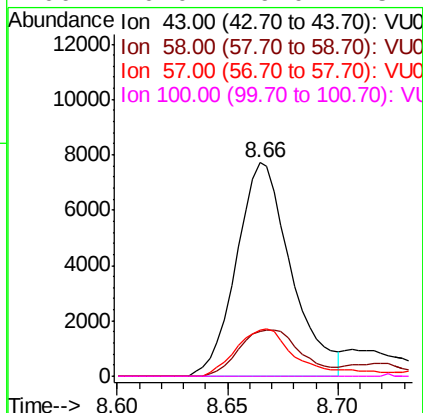
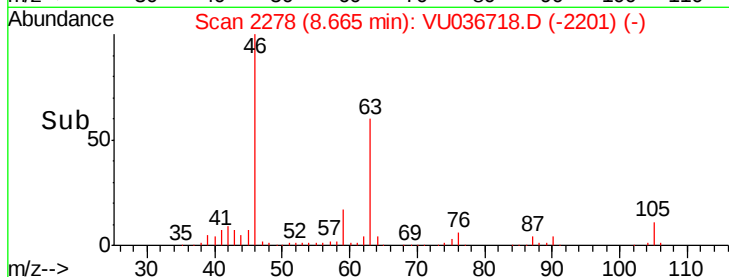
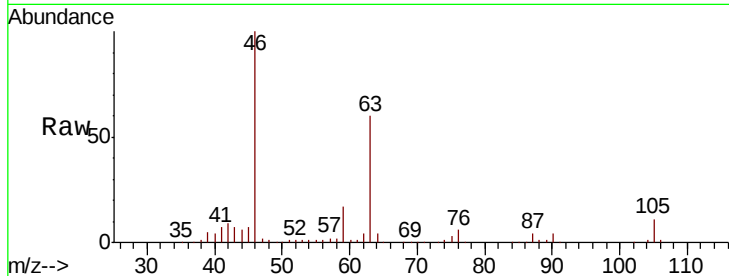




#48
2-Hexanone
Concen: 5.066 ug/L
RT: 8.66 min Scan# 2278
Delta R.T. -0.05 min
Lab File: VU036718.D
Acq: 11 Feb 2020 11:52

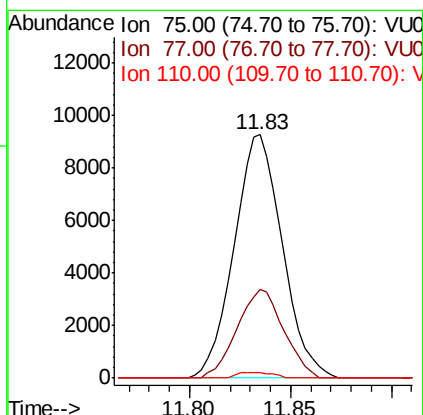
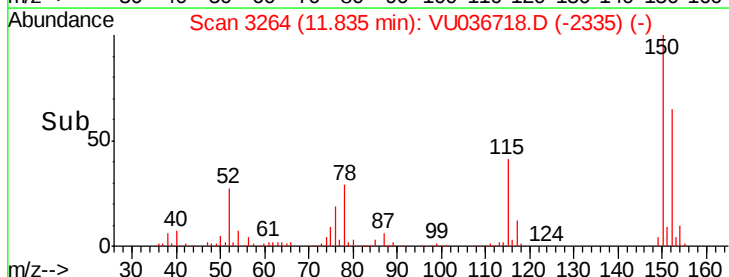
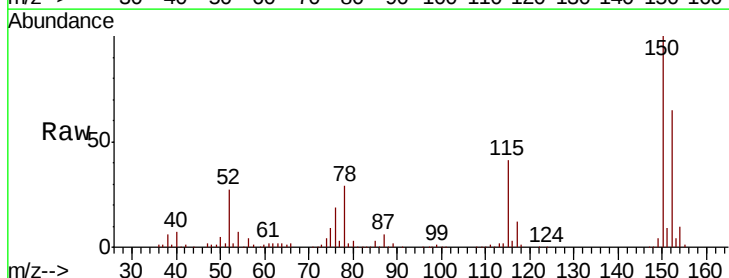
Instrument :
MSVOA_U
ClientSampleId :

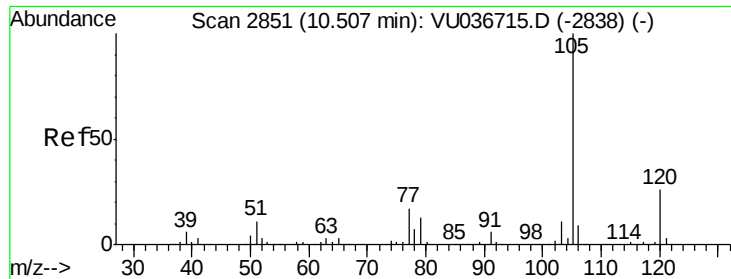
Tot Ion: 43 Resp: 13263
Ion Ratio Lower Upper
43 100
58 24.5 43.6 65.4#
57 25.1 15.5 23.3#
100 0.0 9.0 13.4#



#60
1,2,3-Trichloropropane
Concen: 6.395 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.99 min
Lab File: VU036718.D
Acq: 11 Feb 2020 11:52

Tgt Ion: 75 Resp: 15498
Ion Ratio Lower Upper
75 100
77 35.1 26.1 39.1
110 1.8 26.9 40.3#





#61

Isopropylbenzene

Concen: 0.012 ug/L

RT: 10.51 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VU036718.D

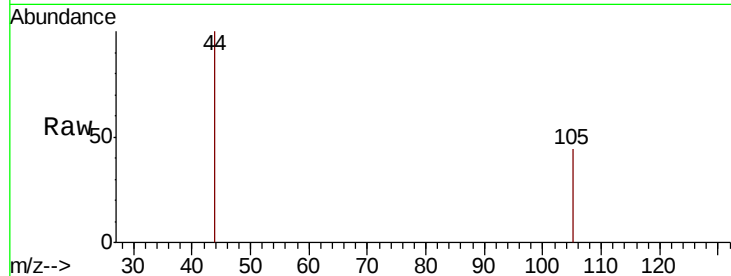
Acq: 11 Feb 2020 11:52

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:	105	Resp:	95
Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.2	30.4#
77	0.0	13.0	19.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU

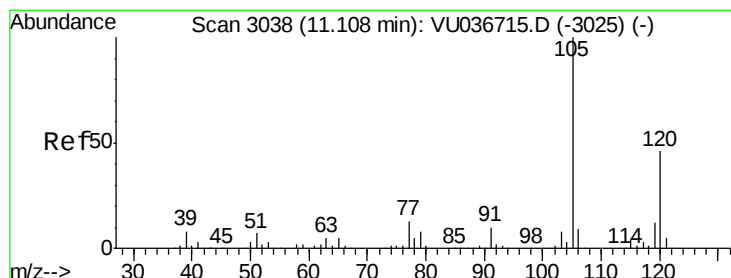
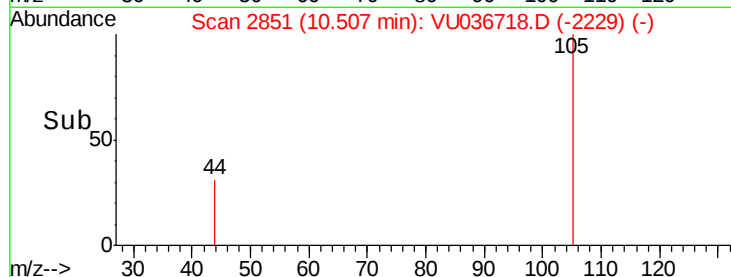
10.51

100

50

0

Time-->



#62

1,3,5-Trimethylbenzene

Concen: 0.018 ug/L

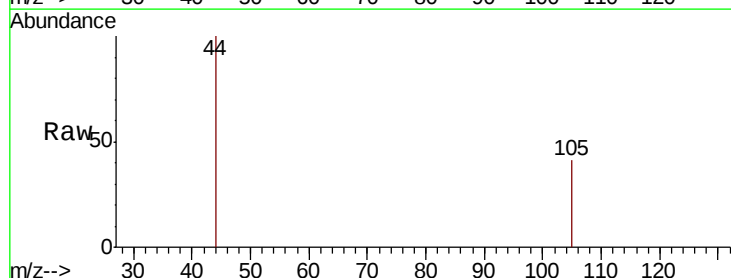
RT: 11.11 min Scan# 3038

Delta R.T. 0.00 min

Lab File: VU036718.D

Acq: 11 Feb 2020 11:52

Tgt Ion:	105	Resp:	119
Ion	Ratio	Lower	Upper
105	100		
120	0.0	37.1	55.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

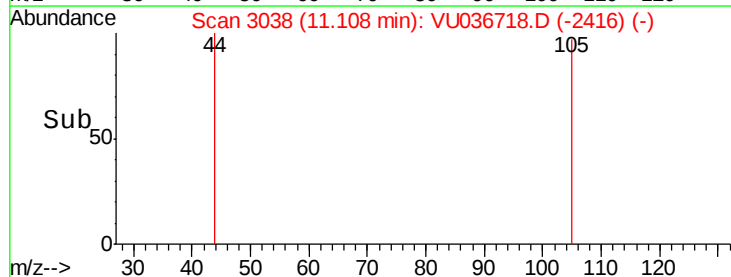
11.11

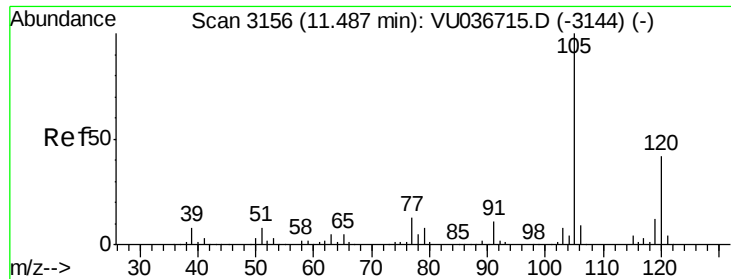
100

50

0

Time-->





#63

1,2,4-Trimethylbenzene

Concen: 0.016 ug/L

RT: 11.49 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU036718.D

Acq: 11 Feb 2020 11:52

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:105 Resp: 102

Ion Ratio Lower Upper

105 100

120 0.0 34.7 52.1#

