

Data File : VU036633.D
Acq On : 30 Jan 2020 21:14
Operator : JC/MD
Sample : K1303-07ME
Misc : 4.44g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AF2ME

Quant Time: Jan 31 04:05:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 31 04:01:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	292397	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	271759	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	135944	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	80740	36.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.74%
7) Chloroethane-d5	1.89	69	17698	9.42	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	18.84%#
11) 1,1-Dichloroethene-d2	2.55	63	104497	29.51	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.02%#
21) 2-Butanone-d5	4.69	46	78967	60.75	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	60.75%
24) Chloroform-d	5.11	84	149442	41.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.34%
26) 1,2-Dichloroethane-d4	5.74	65	98513	44.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.14%
32) Benzene-d6	5.76	84	342500	44.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.73	67	111816	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.88%
41) Toluene-d8	7.93	98	327654	44.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.10%
43) trans-1,3-Dichloropropene-	8.21	79	51606	45.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.10%
47) 2-Hexanone-d5	8.68	63	117931	106.76	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.76%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	167235	47.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.50%
64) 1,2-Dichlorobenzene-d4	12.22	152	128081	43.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.82%

Target Compounds

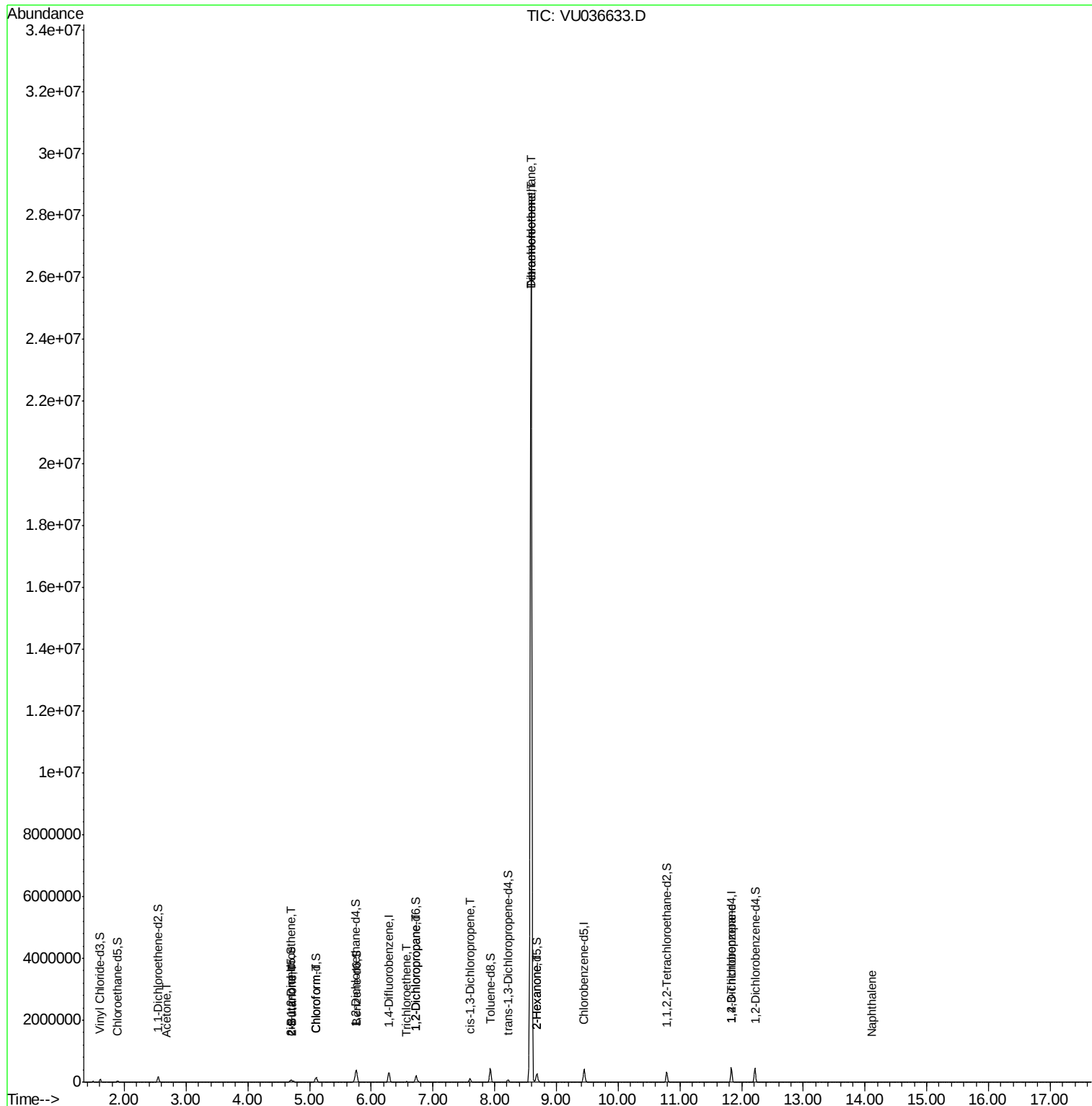
					Qvalue
13) Acetone	2.69	43	2596	2.063 ug/L	98
20) cis-1,2-Dichloroethene	4.71	96	3359	1.514 ug/L	72
22) 2-Butanone	4.73	43	2628	1.738 ug/L #	47
25) Chloroform	5.12	83	3059	0.857 ug/L	77
34) Trichloroethene	6.57	95	5572	2.664 ug/L	93
37) 1,2-Dichloropropane	6.73	63	10834	5.246 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2797	0.841 ug/L #	58
46) Tetrachloroethene	8.59	164	7462752	4392.559 ug/L	97
48) 2-Hexanone	8.68	43	11020	5.526 ug/L #	66
49) Dibromochloromethane	8.59	129	7113133	3244.079 ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	14785	5.296 ug/L	96
69) Naphthalene	14.10	128	9656	1.478 ug/L	98

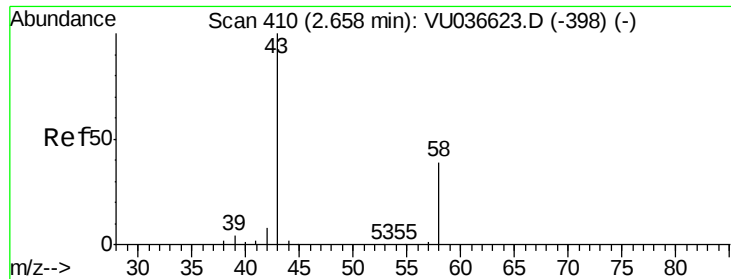
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU036633.D
Acq On : 30 Jan 2020 21:14
Operator : JC/MD
Sample : K1303-07ME
Misc : 4.44g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AF2ME

Quant Time: Jan 31 04:05:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 31 04:01:38 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.063 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.03 min

Lab File: VU036633.D

Acq: 30 Jan 2020 21:14

Instrument :

MSVOA_U

ClientSampleId :

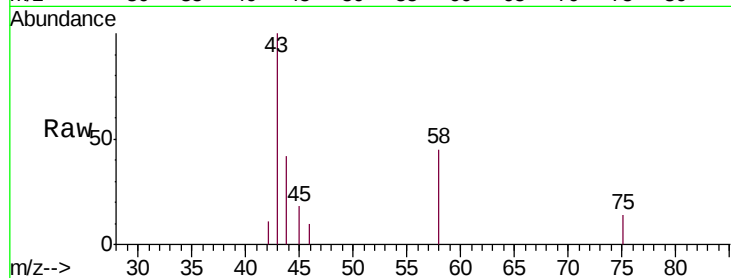
C0AF2ME

Tgt Ion: 43 Resp: 2596

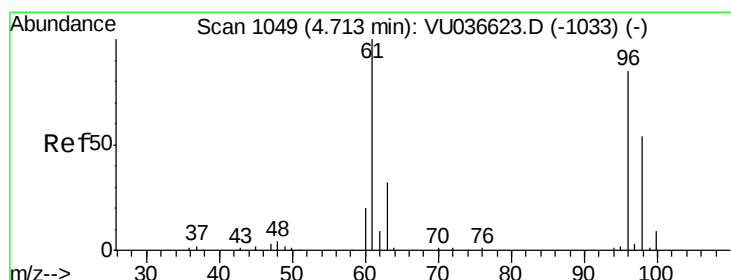
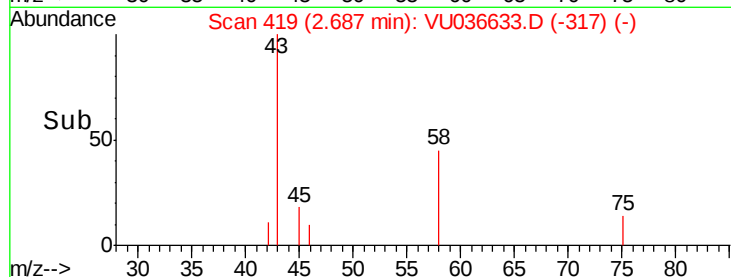
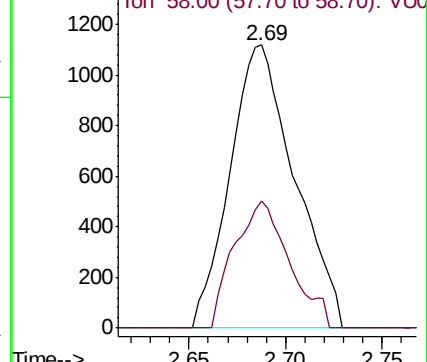
Ion Ratio Lower Upper

43 100

58 36.7 0.0 75.4



Abundance Ion 43.00 (42.70 to 43.70): VU036633.D (-317) (-)



#20

cis-1,2-Dichloroethene

Concen: 1.514 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.01 min

Lab File: VU036633.D

Acq: 30 Jan 2020 21:14

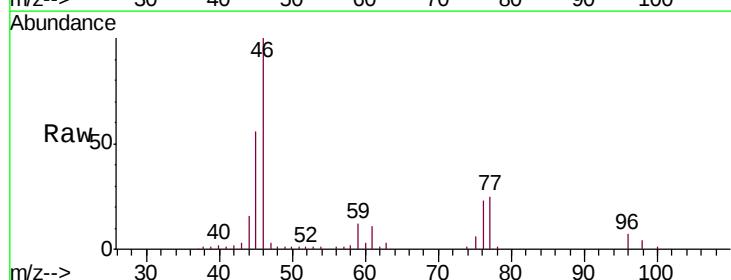
Tgt Ion: 96 Resp: 3359

Ion Ratio Lower Upper

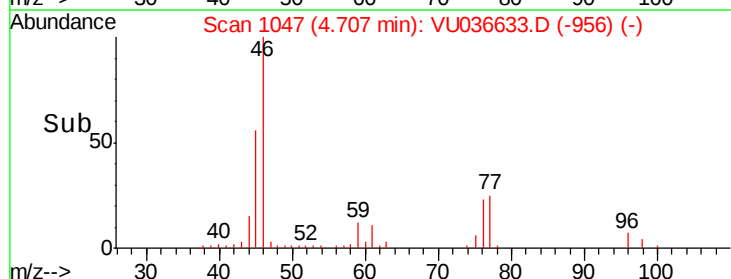
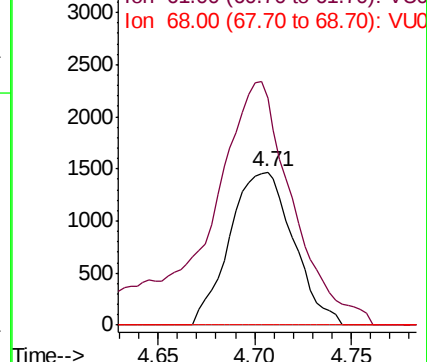
96 100

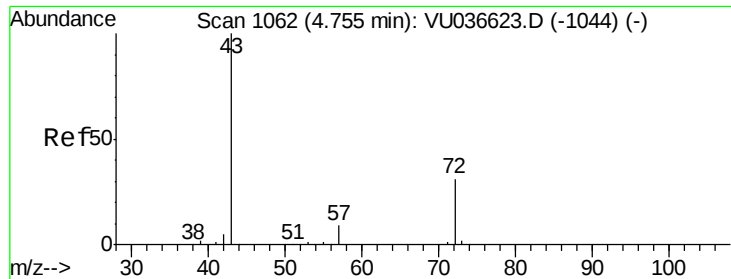
61 148.4 82.2 152.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036633.D (-956) (-)





#22

2-Butanone

Concen: 1.738 ug/L

RT: 4.73 min Scan# 1055

Delta R.T. -0.02 min

Lab File: VU036633.D

Acq: 30 Jan 2020 21:14

Instrument :

MSVOA_U

ClientSampleId :

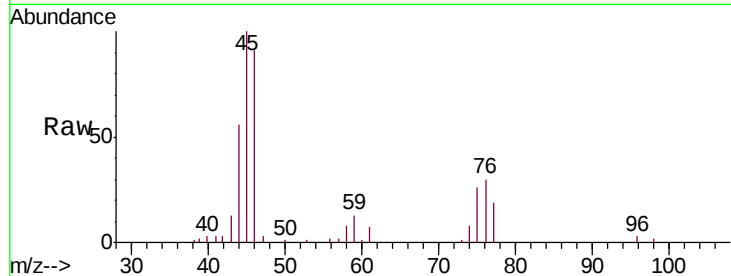
C0AF2ME

Tgt Ion: 43 Resp: 2628

Ion Ratio Lower Upper

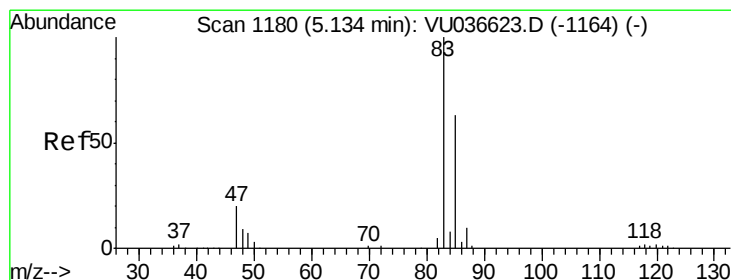
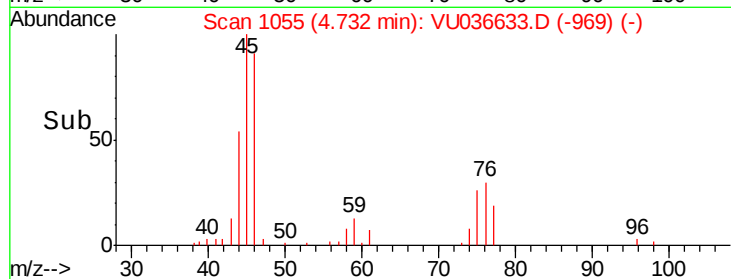
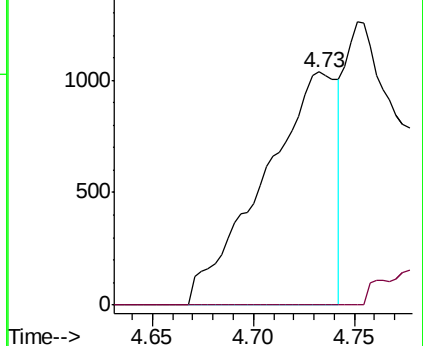
43 100

72 3.1 16.7 50.1#



Abundance Ion 43.00 (42.70 to 43.70): VU036633.D (-1044) (-)

Ion 72.00 (71.70 to 72.70): VU036633.D (-1044) (-)



#25

Chloroform

Concen: 0.857 ug/L

RT: 5.12 min Scan# 1176

Delta R.T. -0.01 min

Lab File: VU036633.D

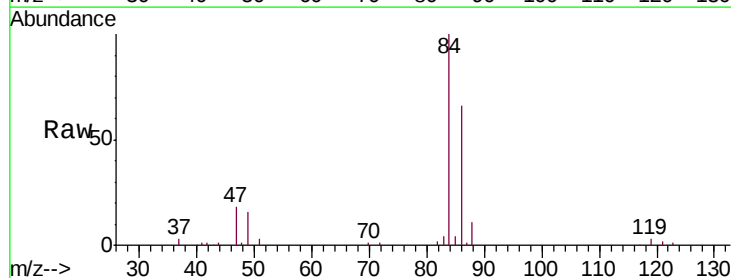
Acq: 30 Jan 2020 21:14

Tgt Ion: 83 Resp: 3059

Ion Ratio Lower Upper

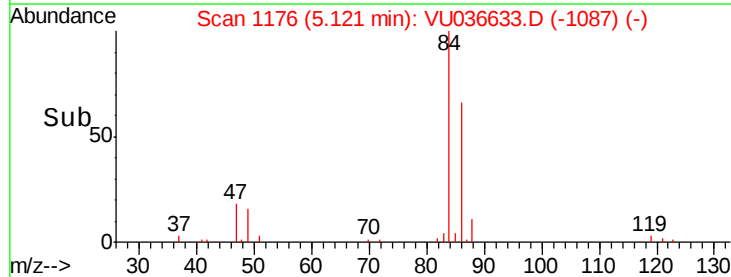
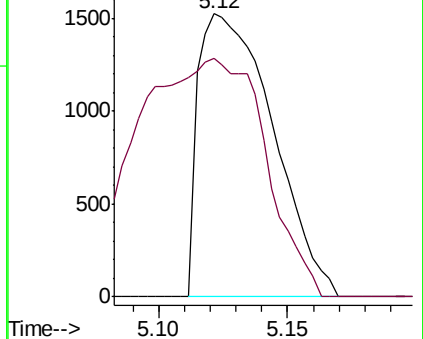
83 100

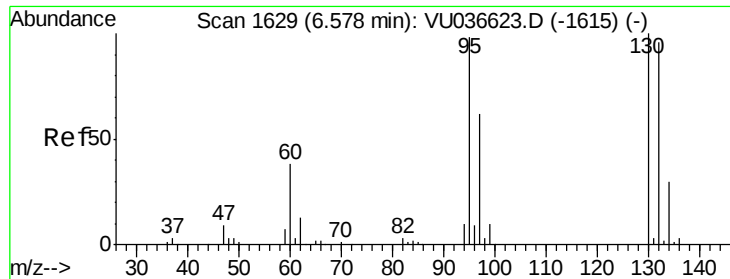
85 84.4 46.3 85.9



Abundance Ion 83.00 (82.70 to 83.70): VU036633.D (-1087) (-)

Ion 85.00 (84.70 to 85.70): VU036633.D (-1087) (-)

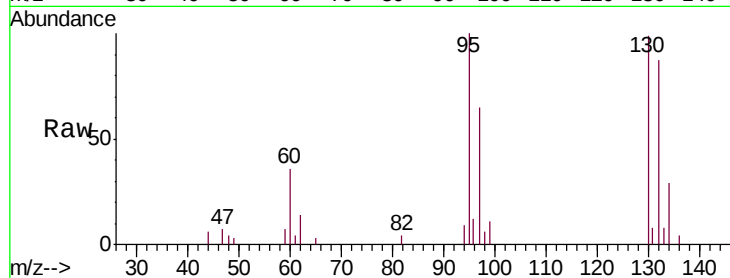




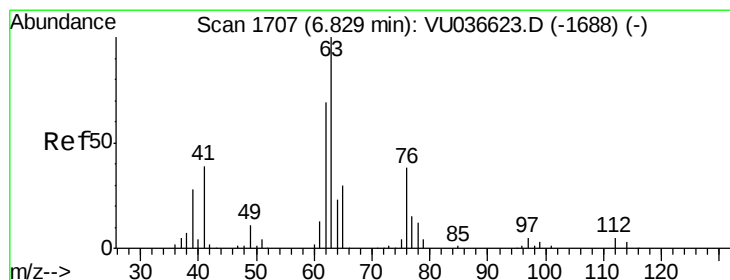
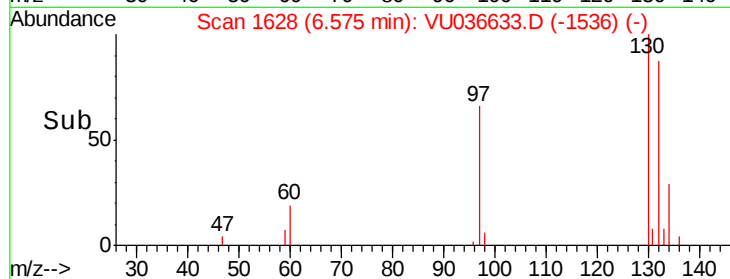
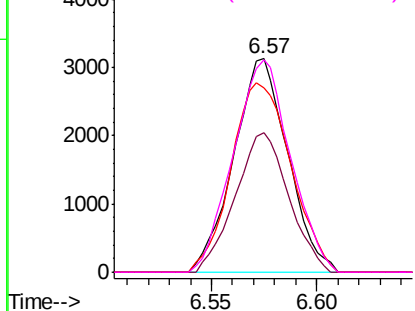
#34
 Trichloroethene
 Concen: 2.664 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: VU036633.D
 Acq: 30 Jan 2020 21:14

Instrument :
 MSVOA_U
 ClientSampleId :
 COAF2ME

Tgt Ion: 95 Resp: 5572
 Ion Ratio Lower Upper
 95 100
 97 65.1 45.5 84.5
 132 86.6 70.9 131.7
 130 99.3 72.9 135.3

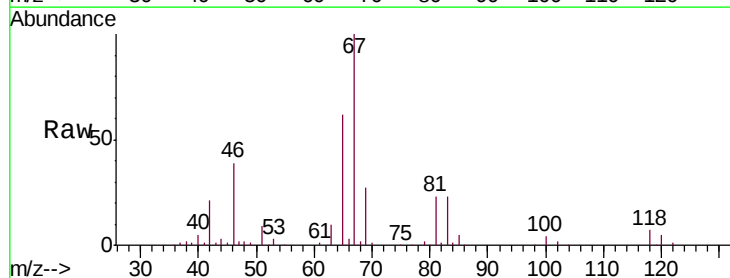


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

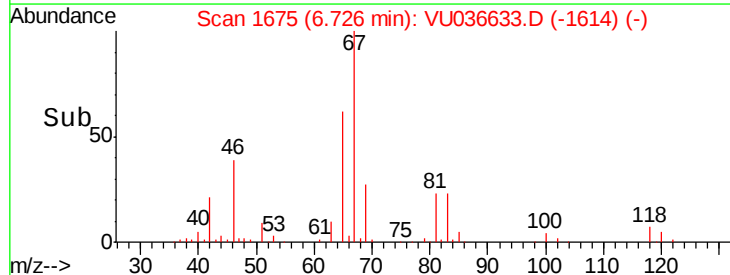
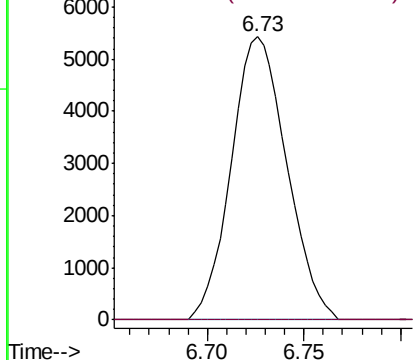


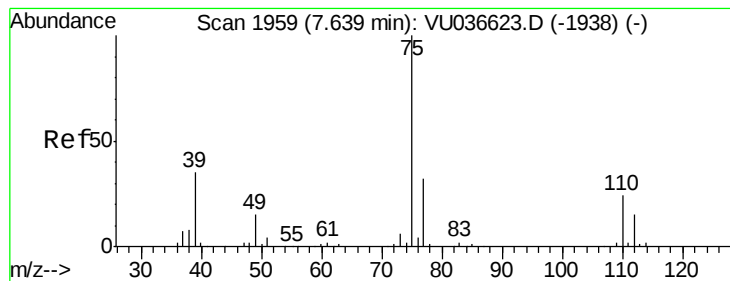
#37
 1,2-Dichloropropane
 Concen: 5.246 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036633.D
 Acq: 30 Jan 2020 21:14

Tgt Ion: 63 Resp: 10834
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V



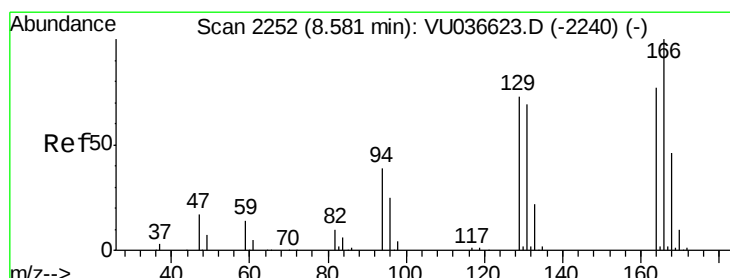
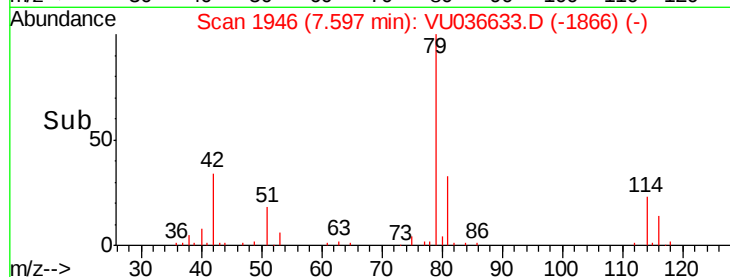
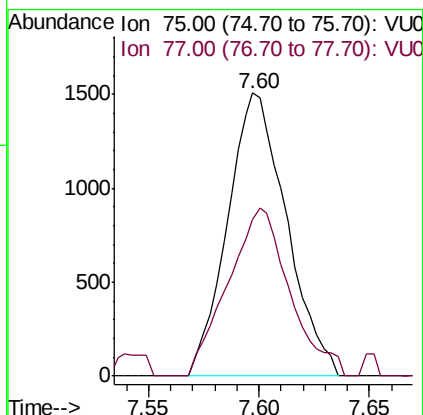
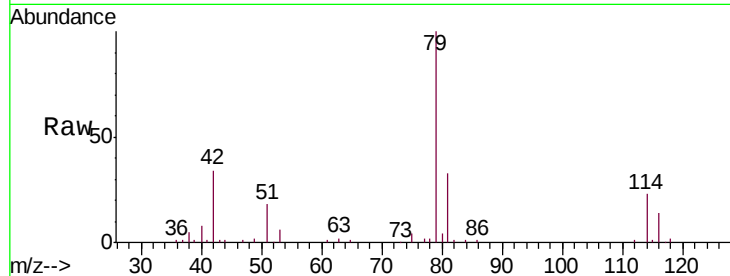


#39

cis-1,3-Dichloropropene
 Concen: 0.841 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036633.D
 Acq: 30 Jan 2020 21:14

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF2ME

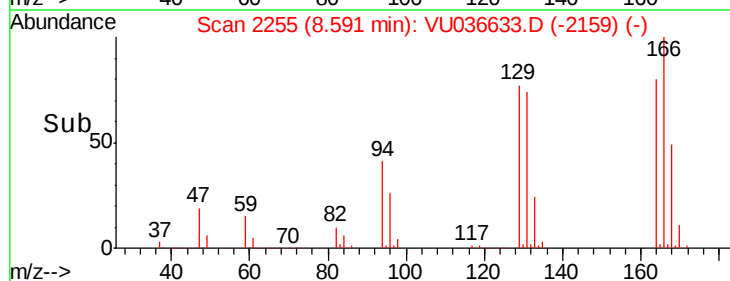
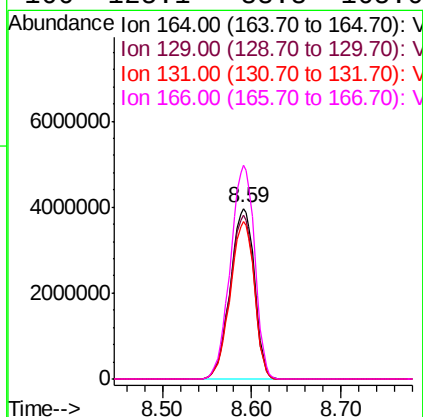
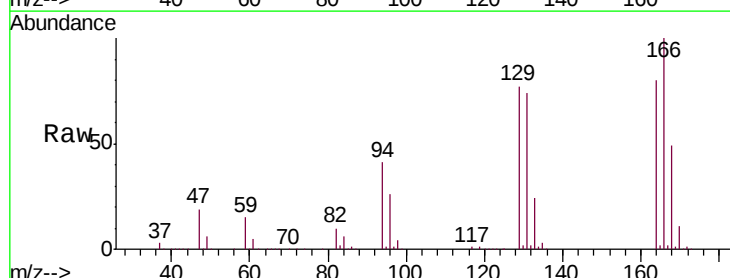
Tgt Ion: 75 Resp: 2797
 Ion Ratio Lower Upper
 75 100
 77 55.4 22.5 41.9#

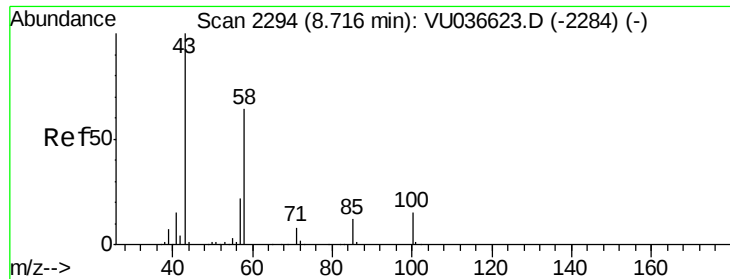


#46

Tetrachloroethene
 Concen: 4392.559 ug/L
 RT: 8.59 min Scan# 2255
 Delta R.T. 0.01 min
 Lab File: VU036633.D
 Acq: 30 Jan 2020 21:14

Tgt Ion: 164 Resp: 7462752
 Ion Ratio Lower Upper
 164 100
 129 95.9 64.2 119.2
 131 92.2 61.8 114.8
 166 125.1 88.8 165.0

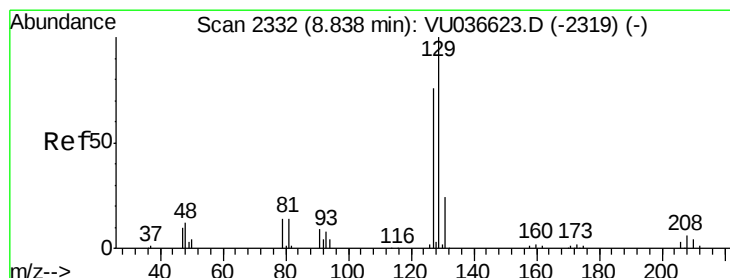
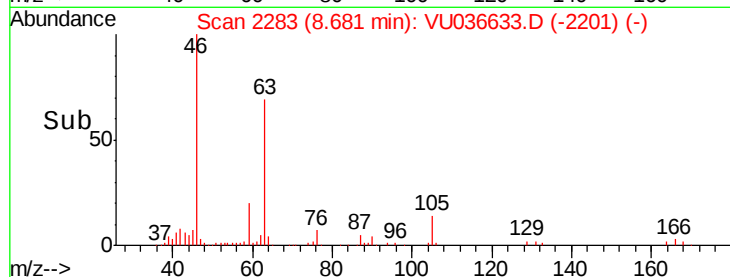
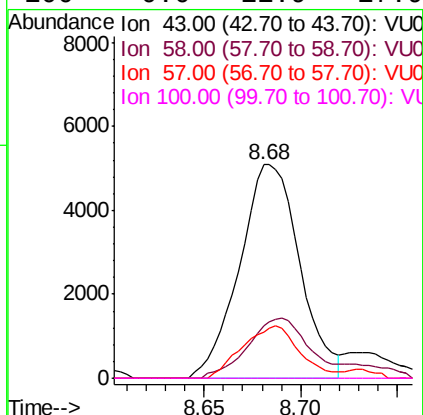
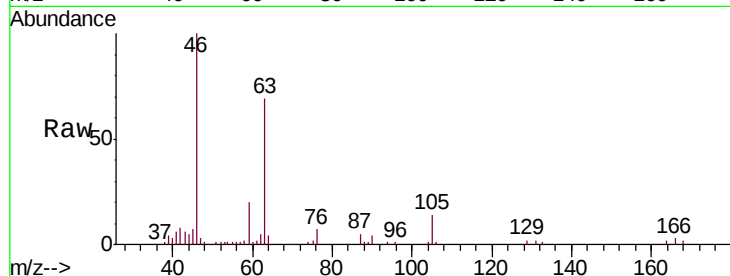




#48
2-Hexanone
Concen: 5.526 ug/L
RT: 8.68 min Scan# 2283
Delta R.T. -0.04 min
Lab File: VU036633.D
Acq: 30 Jan 2020 21:14

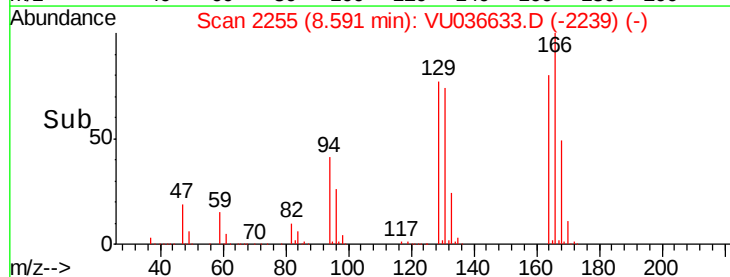
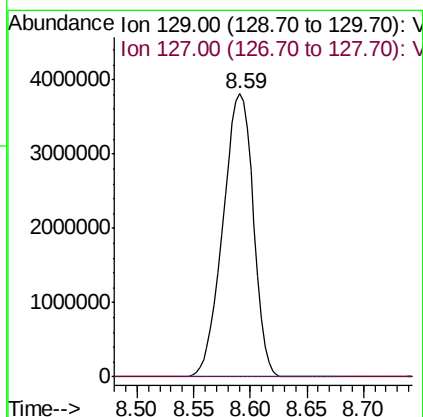
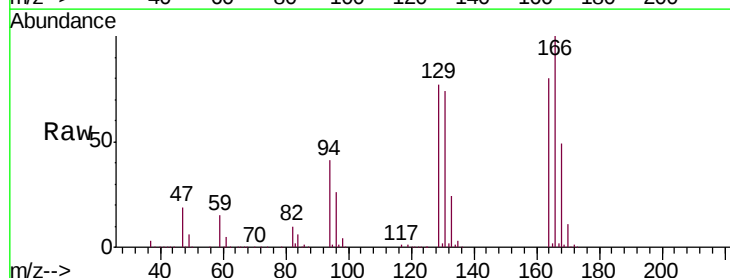
Instrument :
MSVOA_U
ClientSampleId :
C0AF2ME

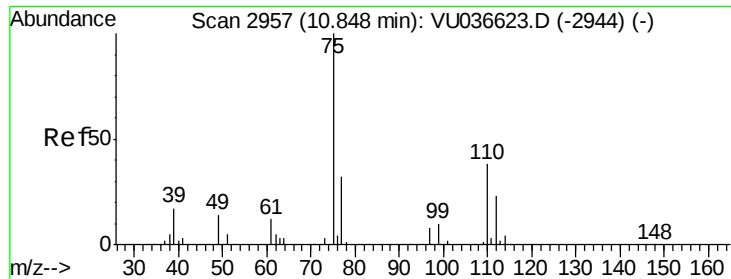
Tgt Ion: 43 Resp: 11020
Ion Ratio Lower Upper
43 100
58 27.8 49.4 74.0#
57 23.4 17.1 25.7
100 0.0 11.9 17.9#



#49
Dibromochloromethane
Concen: 3244.079 ug/L
RT: 8.59 min Scan# 2255
Delta R.T. -0.25 min
Lab File: VU036633.D
Acq: 30 Jan 2020 21:14

Tgt Ion: 129 Resp: 7113133
Ion Ratio Lower Upper
129 100
127 0.0 54.0 100.2#

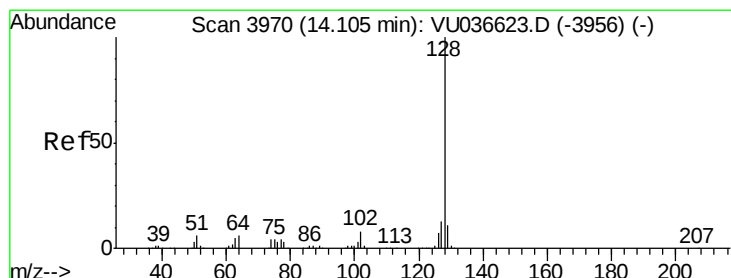
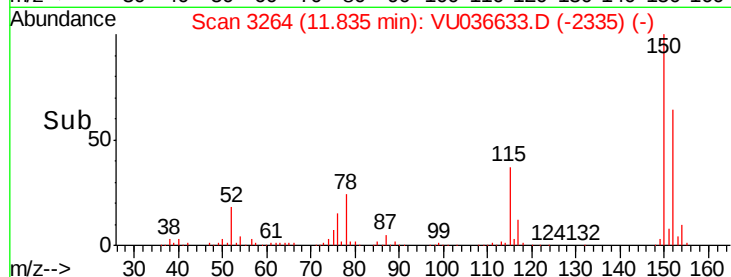
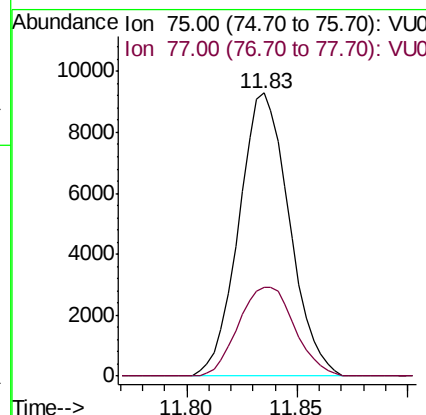
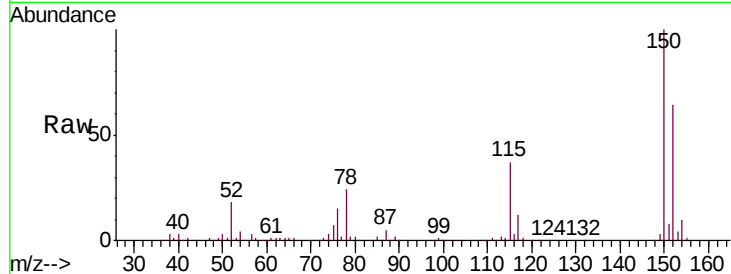




#59
 1,2,3-Trichloropropane
 Concen: 5.296 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.99 min
 Lab File: VU036633.D
 Acq: 30 Jan 2020 21:14

Instrument :
 MSVOA_U
 ClientSampleId :
 COAF2ME

Tgt Ion: 75 Resp: 14785
 Ion Ratio Lower Upper
 75 100
 77 34.9 26.2 39.2



#69
 Naphthalene
 Concen: 1.478 ug/L
 RT: 14.10 min Scan# 3970
 Delta R.T. -0.00 min
 Lab File: VU036633.D
 Acq: 30 Jan 2020 21:14

Tgt Ion: 128 Resp: 9656
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.6 15.8
 129 9.8 8.6 12.8

