

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052019\
 Data File : VU032177.D
 Acq On : 21 May 2019 00:27
 Operator : JC/SP
 Sample : K2889-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 21 08:44:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 21 08:29:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	348250	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	355523	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	143634	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	91181	3.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.20%
7) Chloroethane-d5	1.68	69	86459	3.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.00%
11) 1,1-Dichloroethene-d2	2.27	63	137512	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.21	46	236491	41.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.12%
24) Chloroform-d	4.64	84	204544	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
26) 1,2-Dichloroethane-d4	5.31	65	104430	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
32) Benzene-d6	5.33	84	401372	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.00%
36) 1,2-Dichloropropane-d6	6.33	67	118541	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.80%
41) Toluene-d8	7.56	98	321895	3.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.40%#
43) trans-1,3-Dichloropropene-	7.85	79	37607	3.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.00%
46) 2-Hexanone-d5	8.31	63	207626	40.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	107865	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	135086	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%

Target Compounds

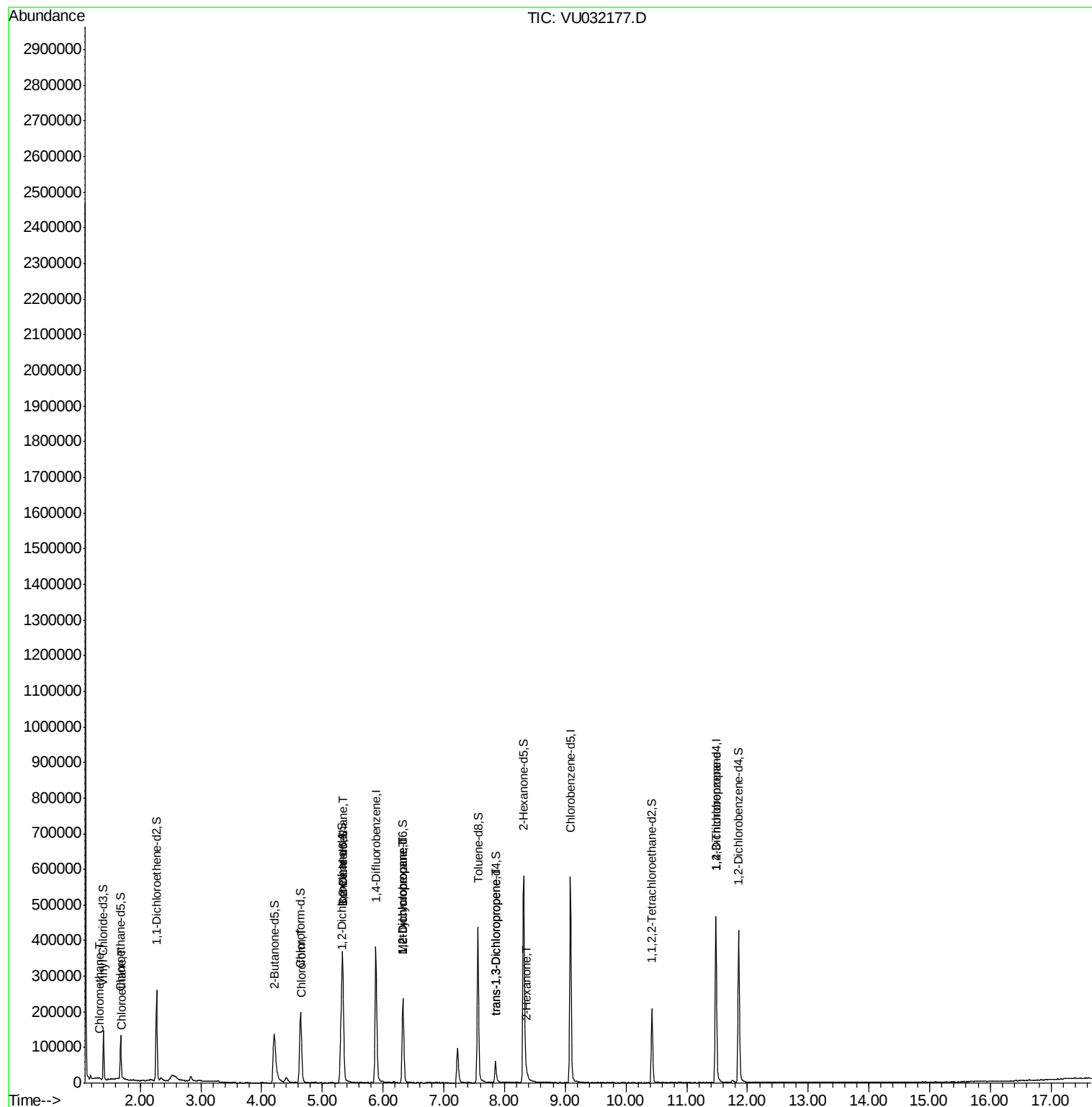
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.32	50	2673	0.160	ug/L	87
8) Chloroethane	1.71	64	1608	0.148	ug/L #	43
25) Chloroform	4.67	83	5051	0.199	ug/L	93
27) 1,2-Dichloroethane	5.33	62	1775	0.121	ug/L #	73
35) Methylcyclohexane	6.33	83	30328	1.422	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	12758	0.956	ug/L #	87
44) trans-1,3-Dichloropropene	7.85	75	1463	0.102	ug/L #	81
48) 2-Hexanone	8.37	43	7629	1.590	ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	14652	1.728	ug/L	95

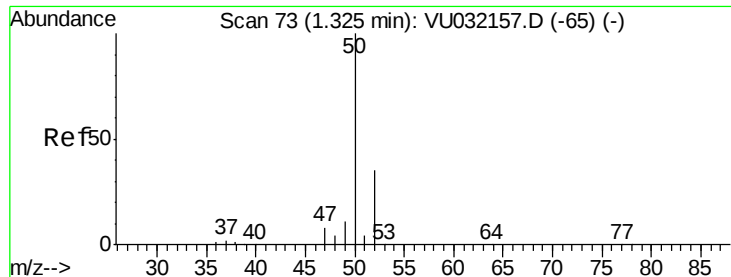
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052019\
Data File : VU032177.D
Acq On : 21 May 2019 00:27
Operator : JC/SP
Sample : K2889-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 21 08:44:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 08:29:49 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.160 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032177.D

Acq: 21 May 2019 00:27

Instrument :

MSVOA_U

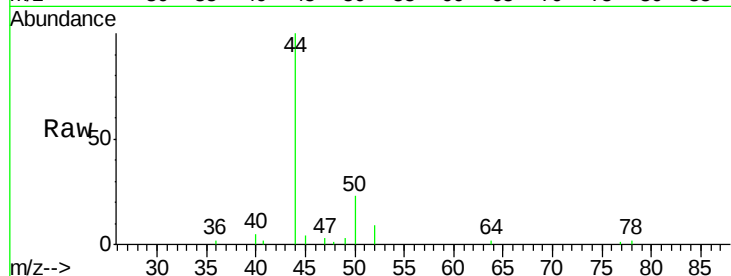
ClientSampleId :

Tot Ion: 50 Resp: 2673

Ion Ratio Lower Upper

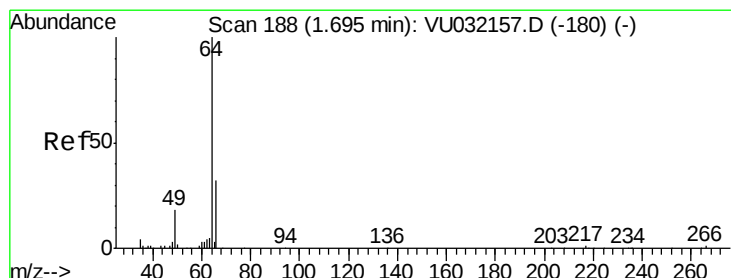
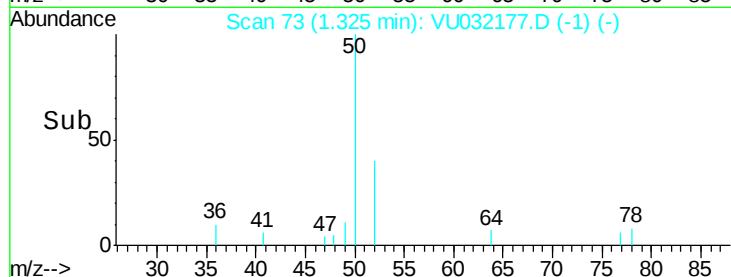
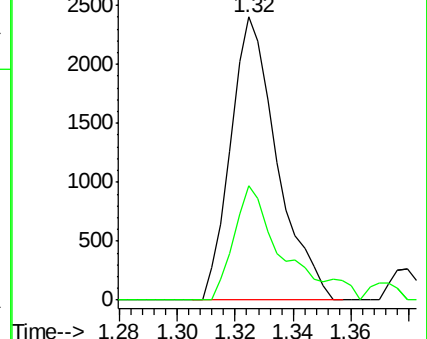
50 100

52 40.5 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.148 ug/L

RT: 1.71 min Scan# 192

Delta R.T. 0.01 min

Lab File: VU032177.D

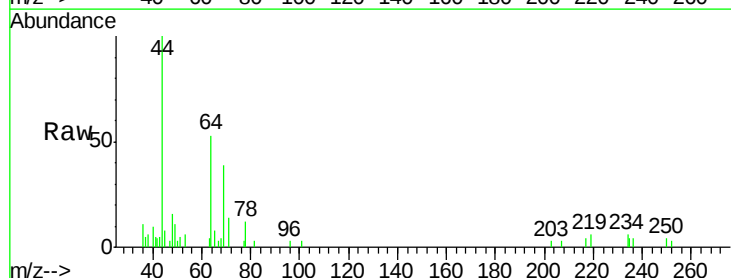
Acq: 21 May 2019 00:27

Tgt Ion: 64 Resp: 1608

Ion Ratio Lower Upper

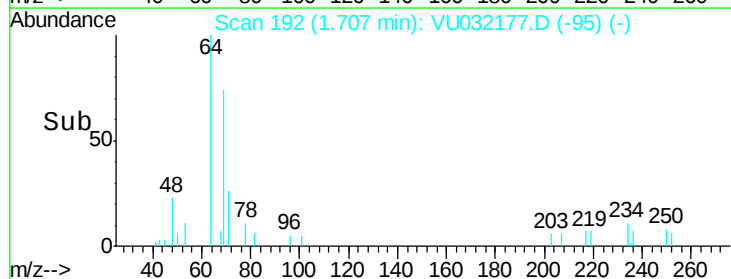
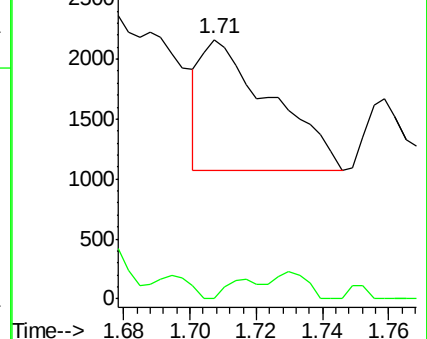
64 100

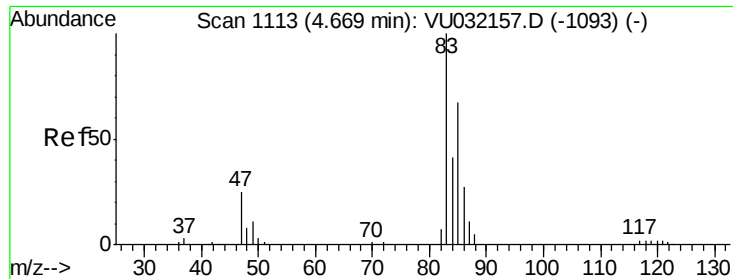
66 0.0 22.0 41.0#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

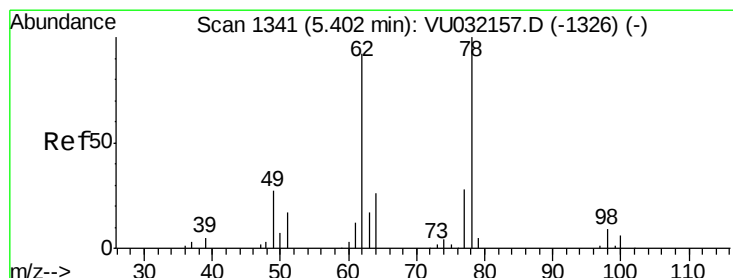
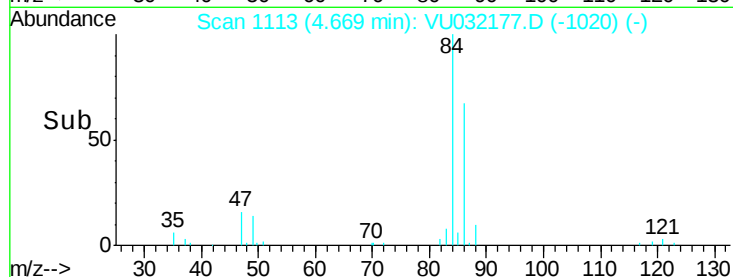
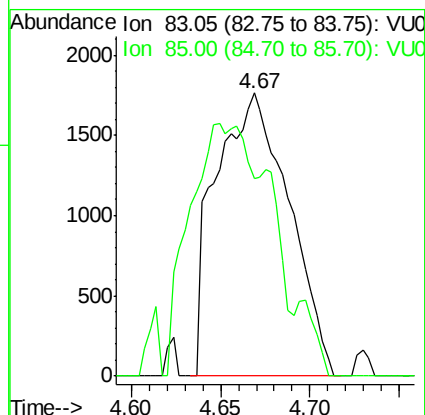
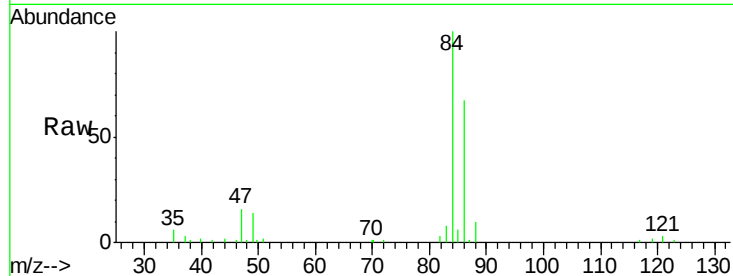




#25
Chloroform
Concen: 0.199 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU032177.D
Acq: 21 May 2019 00:27

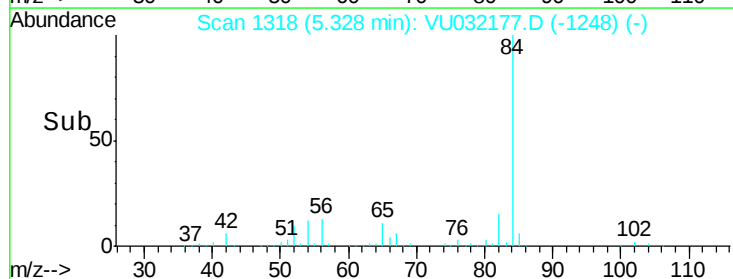
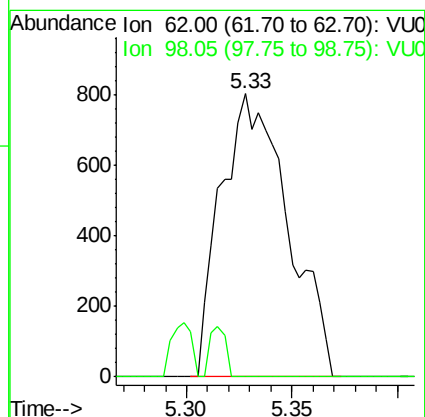
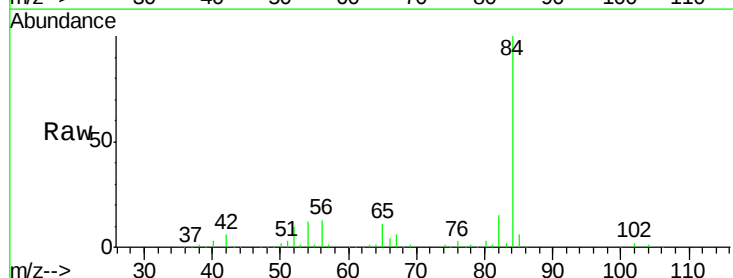
Instrument :
MSVOA_U
ClientSampleId :

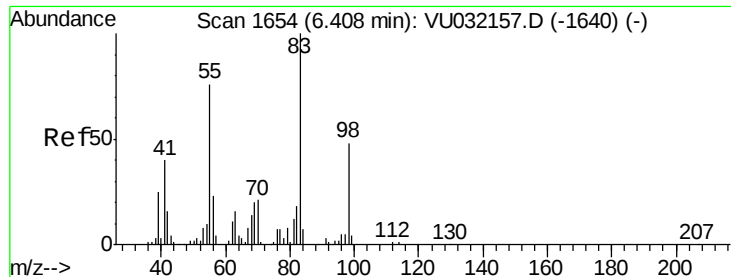
Tot Ion: 83 Resp: 5051
Ion Ratio Lower Upper
83 100
85 69.9 44.9 83.3



#27
1,2-Dichloroethane
Concen: 0.121 ug/L
RT: 5.33 min Scan# 1318
Delta R.T. -0.07 min
Lab File: VU032177.D
Acq: 21 May 2019 00:27

Tgt Ion: 62 Resp: 1775
Ion Ratio Lower Upper
62 100
98 0.0 8.0 12.0#





#35

Methvlcvclohexane

Concen: 1.422 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU032177.D

Acq: 21 May 2019 00:27

Instrument :

MSVOA_U

ClientSampleId :

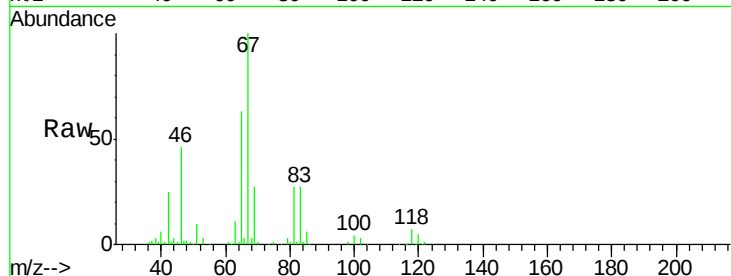
Tot Ion: 83 Resp: 30328

Ion Ratio Lower Upper

83 100

55 0.1 59.7 89.5#

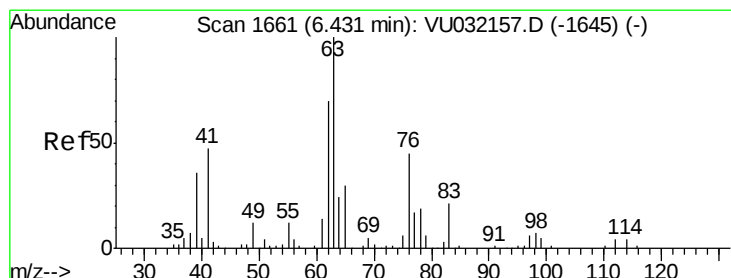
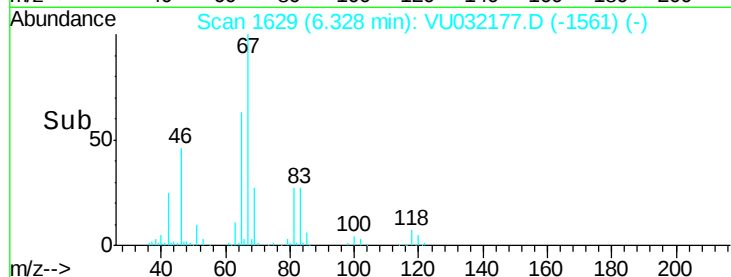
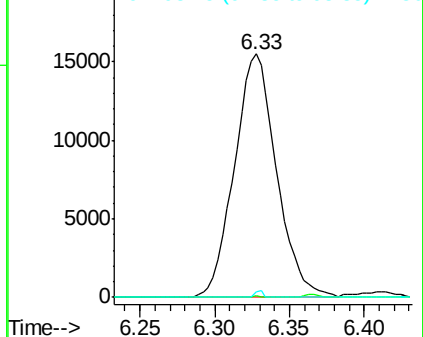
98 0.5 36.8 55.2#



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: 0.956 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU032177.D

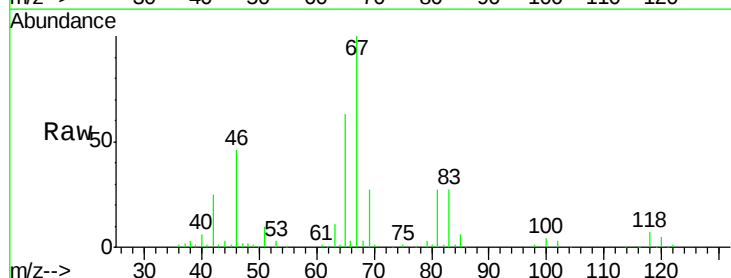
Acq: 21 May 2019 00:27

Tgt Ion: 63 Resp: 12758

Ion Ratio Lower Upper

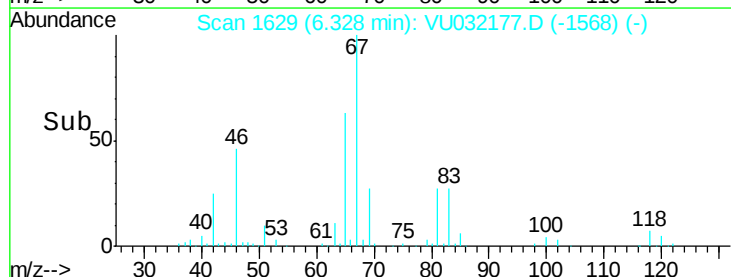
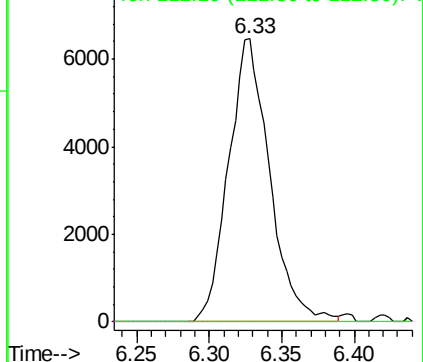
63 100

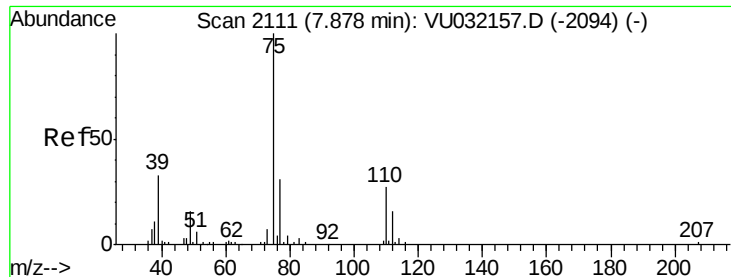
112 0.4 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

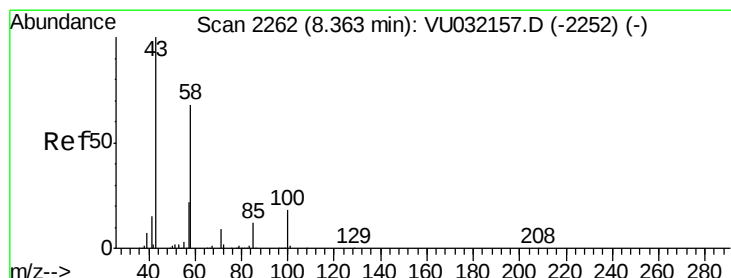
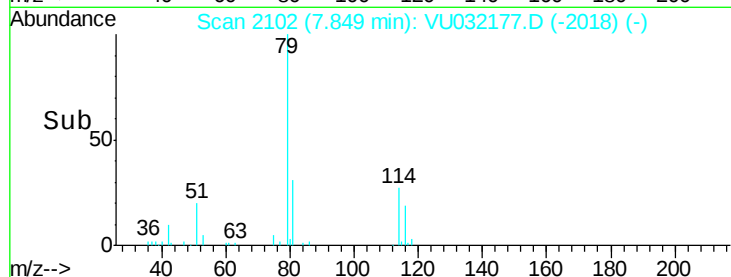
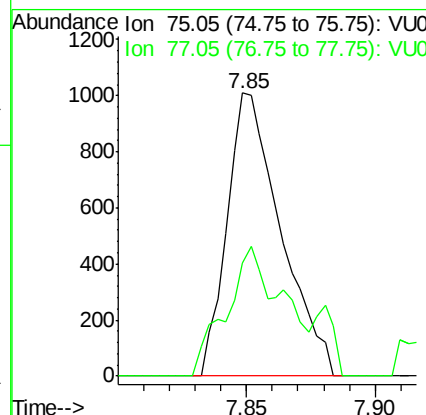
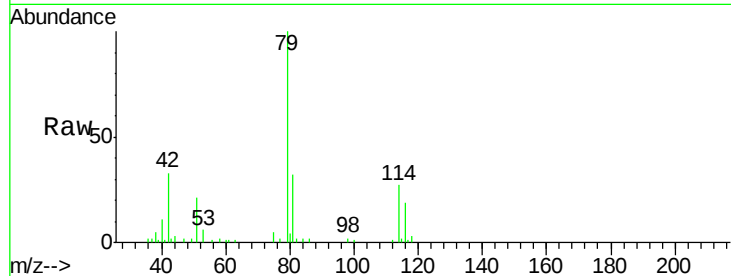




#44
trans-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032177.D
Acq: 21 May 2019 00:27

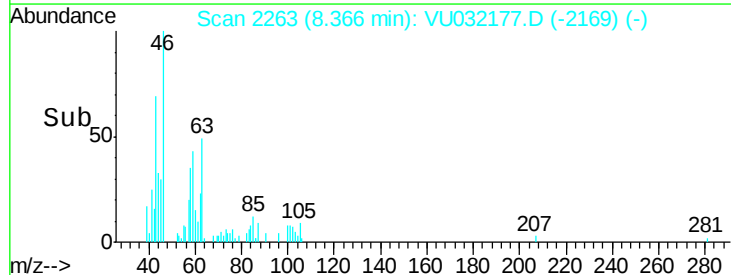
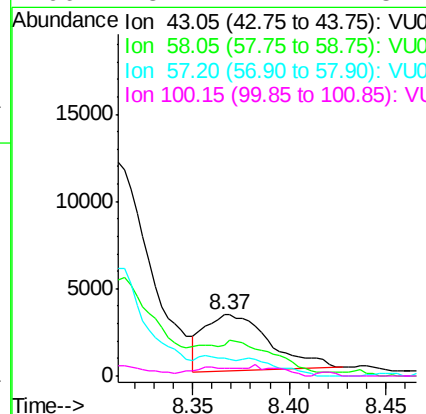
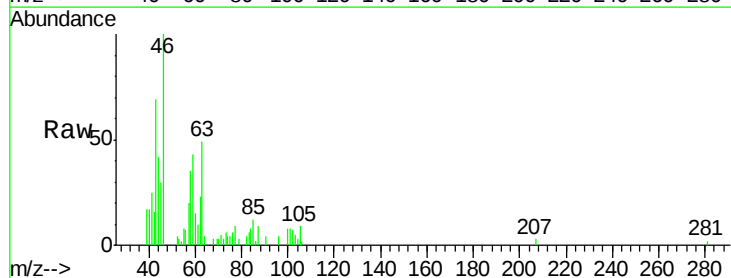
Instrument :
MSVOA_U
ClientSampled :

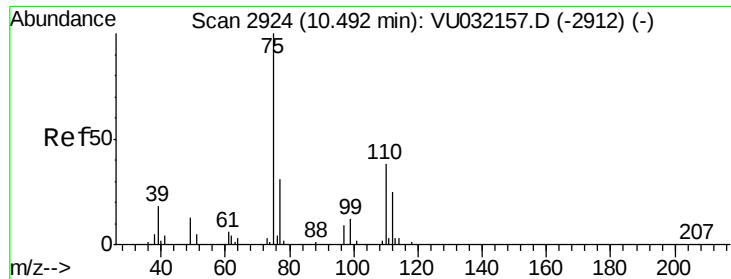
Tot Ion: 75 Resp: 1463
Ion Ratio Lower Upper
75 100
77 40.1 21.0 39.0#



#48
2-Hexanone
Concen: 1.590 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU032177.D
Acq: 21 May 2019 00:27

Tgt Ion: 43 Resp: 7629
Ion Ratio Lower Upper
43 100
58 51.3 51.6 77.4#
57 4.4 18.4 27.6#
100 5.1 12.2 18.4#





#59

1,2,3-Trichloropropane

Concen: 1.728 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032177.D

Acq: 21 May 2019 00:27

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 14652

Ion Ratio Lower Upper

75 100

77 35.3 26.2 39.2

