

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052019\
 Data File : VU032175.D
 Acq On : 20 May 2019 23:38
 Operator : JC/SP
 Sample : K2889-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 21 08:43:54 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	352281	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	342959	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	125655	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	90077	3.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.60%
7) Chloroethane-d5	1.68	69	83230	3.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.60%
11) 1,1-Dichloroethene-d2	2.27	63	132650	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	4.21	46	232460	39.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.80%
24) Chloroform-d	4.64	84	195452	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.00%
26) 1,2-Dichloroethane-d4	5.31	65	99833	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
32) Benzene-d6	5.33	84	386817	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.00%
36) 1,2-Dichloropropane-d6	6.33	67	115483	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.60%
41) Toluene-d8	7.56	98	299833	3.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.00%#
43) trans-1,3-Dichloropropene-	7.85	79	37757	3.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.60%
46) 2-Hexanone-d5	8.31	63	194182	39.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	103737	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	106528	4.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.00%

Target Compounds

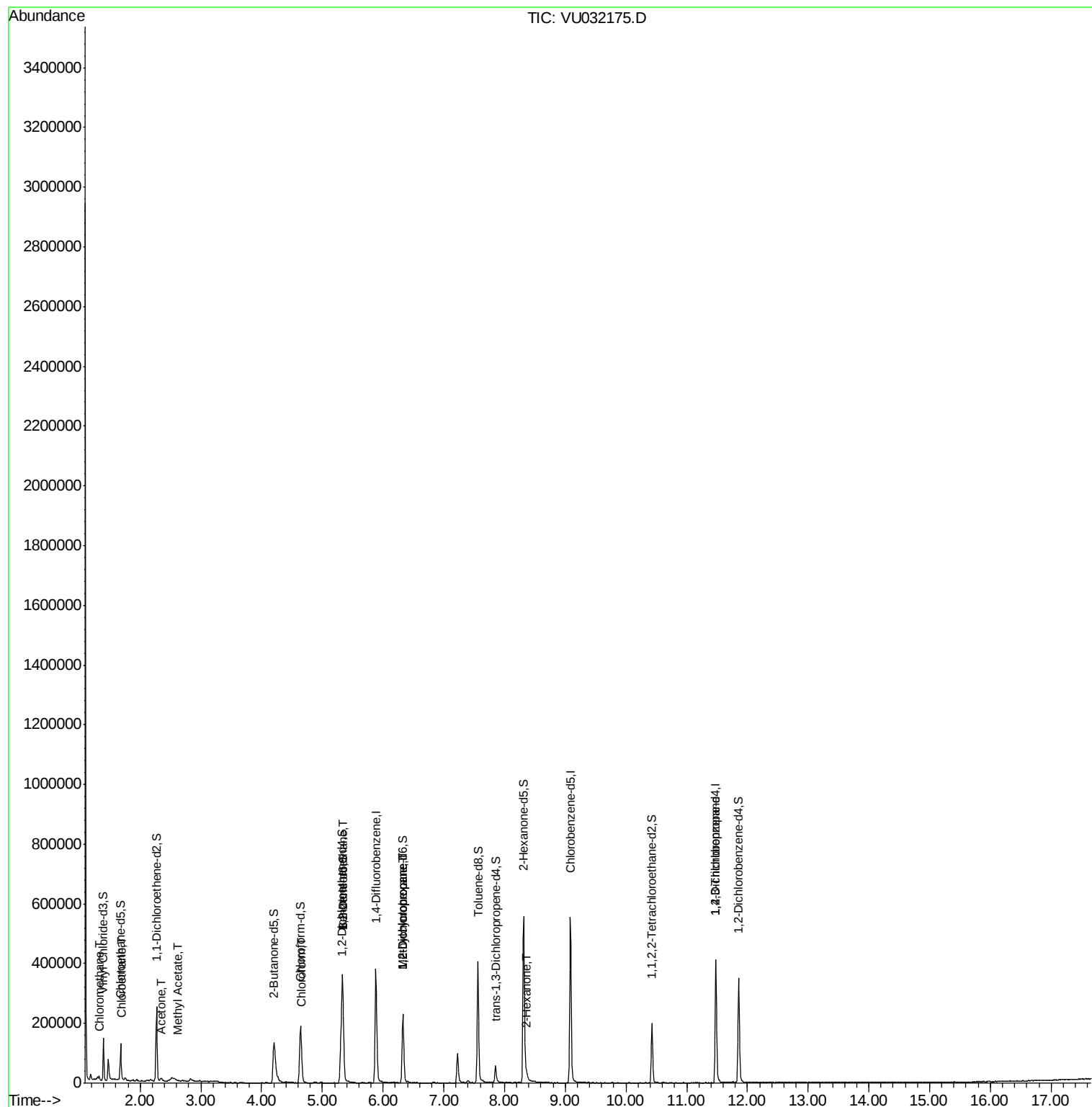
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.32	50	7920	0.468	ug/L	88
8) Chloroethane	1.70	64	944	0.086	ug/L #	68
13) Acetone	2.35	43	8277	4.328	ug/L	95
15) Methyl Acetate	2.61	43	920	0.168	ug/L #	57
25) Chloroform	4.67	83	7363	0.287	ug/L	84
27) 1,2-Dichloroethane	5.33	62	1964	0.132	ug/L #	73
35) Methylcyclohexane	6.33	83	26686	1.297	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	12298	0.955	ug/L #	86
48) 2-Hexanone	8.38	43	8222	1.776	ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	12104	1.480	ug/L #	82

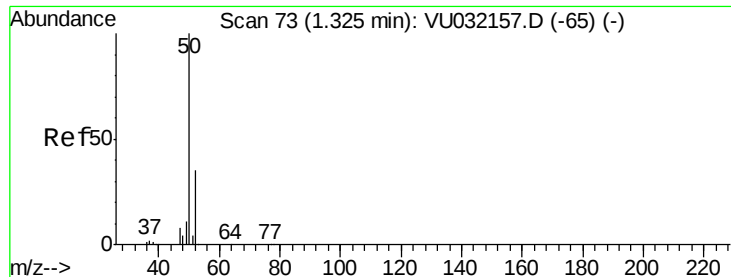
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052019\
Data File : VU032175.D
Acq On : 20 May 2019 23:38
Operator : JC/SP
Sample : K2889-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 21 08:43:54 2019
Quant Method : Z:\V0ASRV\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: 0.468 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032175.D

Acq: 20 May 2019 23:38

Instrument :

MSVOA_U

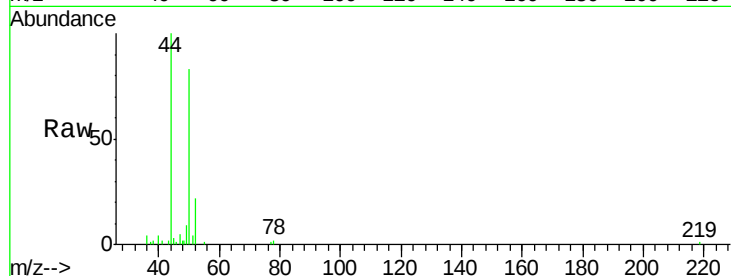
ClientSampleId :

Tot Ion: 50 Resp: 7920

Ion Ratio Lower Upper

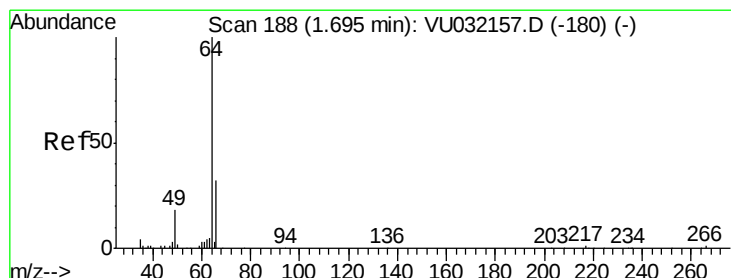
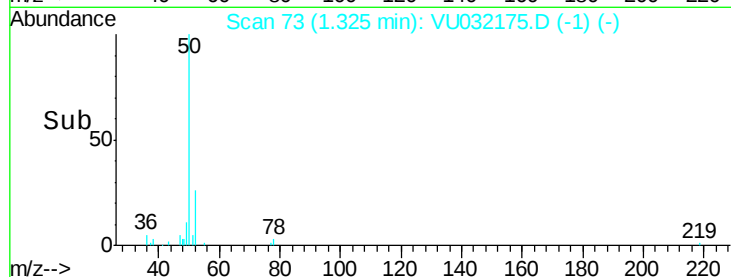
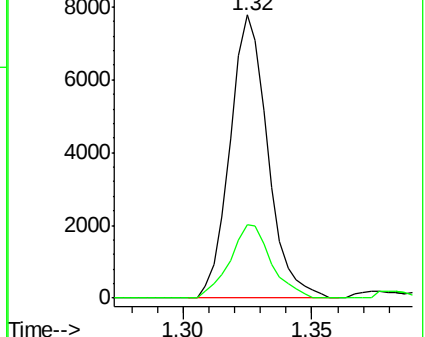
50 100

52 26.1 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU032175.D (-65) (-)

Ion 52.05 (51.75 to 52.75): VU032175.D (-65) (-)



#8

Chloroethane

Concen: 0.086 ug/L

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU032175.D

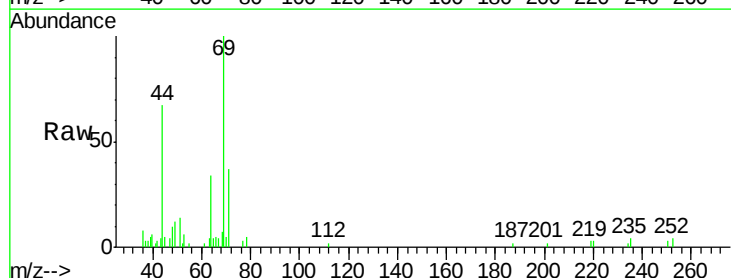
Acq: 20 May 2019 23:38

Tgt Ion: 64 Resp: 944

Ion Ratio Lower Upper

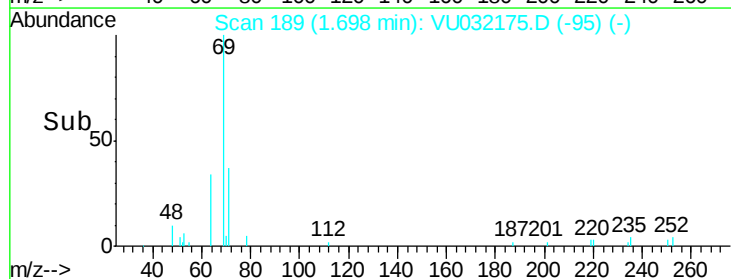
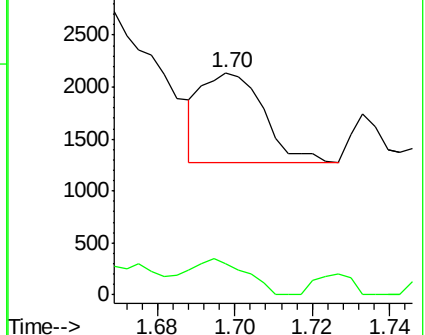
64 100

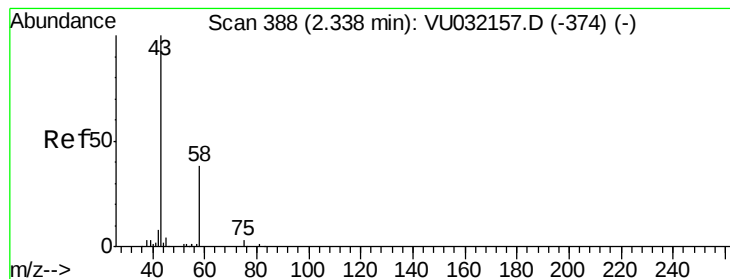
66 13.8 22.0 41.0#



Abundance Ion 64.10 (63.80 to 64.80): VU032175.D (-180) (-)

Ion 66.05 (65.75 to 66.75): VU032175.D (-180) (-)





#13

Acetone

Concen: 4.328 ug/L

RT: 2.35 min Scan# 392

Delta R.T. 0.01 min

Lab File: VU032175.D

Acq: 20 May 2019 23:38

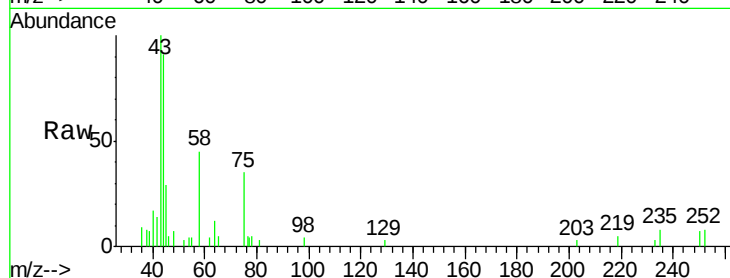
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 8277

Ion Ratio Lower Upper

43 100

58 42.5 0.0 78.8

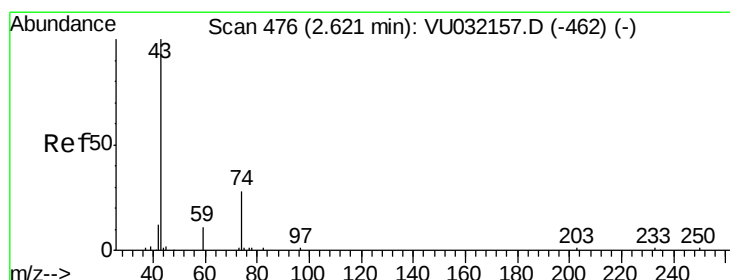
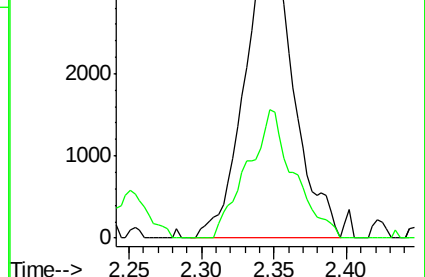
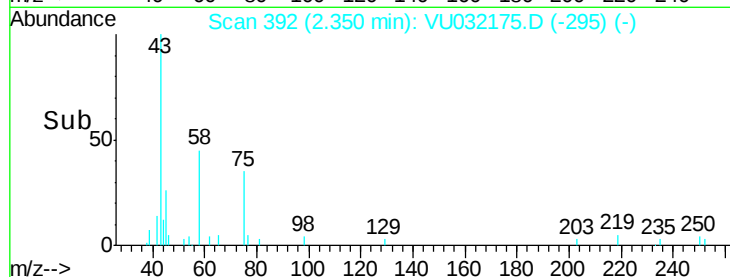


Abundance Ion 43.05 (42.75 to 43.75): VU032175.D (-392) (-)

Ion 58.05 (57.75 to 58.75): VU032175.D (-392) (-)

2.35

Time-->



#15

Methyl Acetate

Concen: 0.168 ug/L

RT: 2.61 min Scan# 474

Delta R.T. -0.01 min

Lab File: VU032175.D

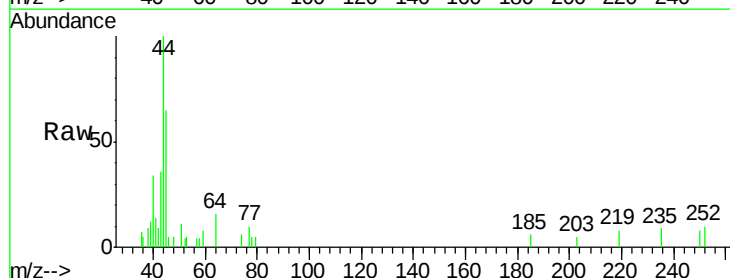
Acq: 20 May 2019 23:38

Tgt Ion: 43 Resp: 920

Ion Ratio Lower Upper

43 100

74 8.7 26.4 39.6#

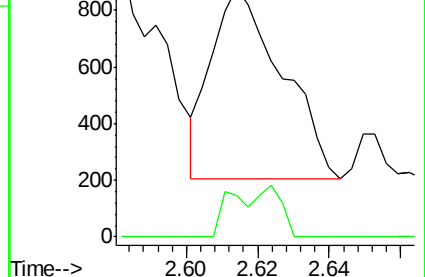
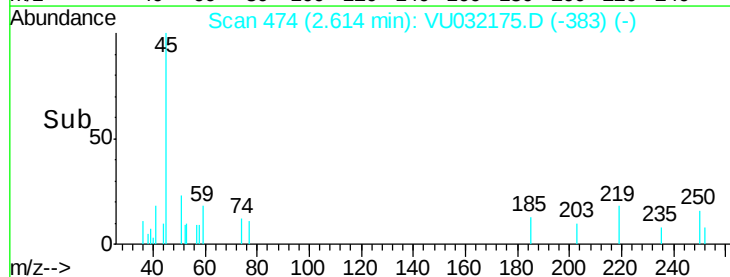


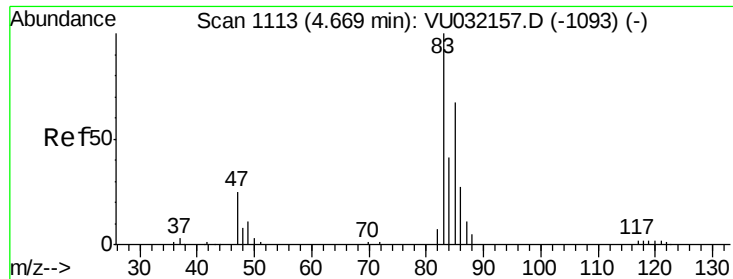
Abundance Ion 43.05 (42.75 to 43.75): VU032175.D (-474) (-)

Ion 74.05 (73.75 to 74.75): VU032175.D (-474) (-)

2.61

Time-->

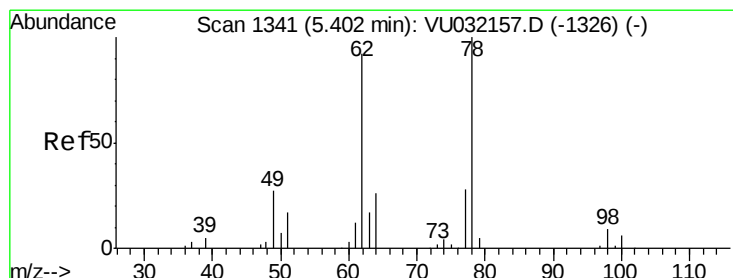
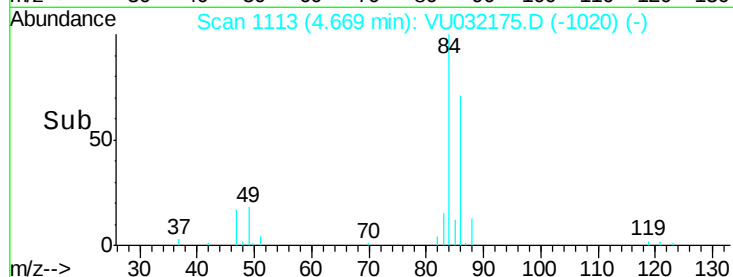
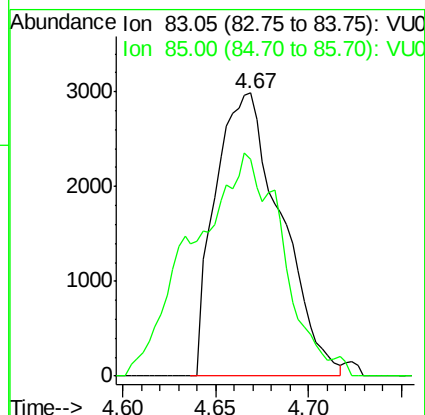
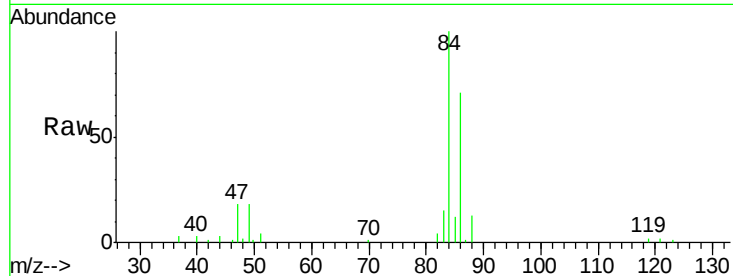




#25
Chloroform
Concen: 0.287 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU032175.D
Acq: 20 May 2019 23:38

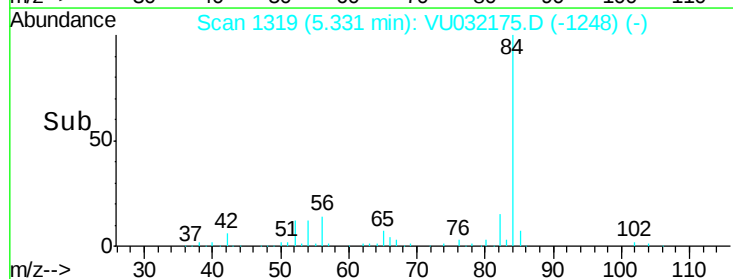
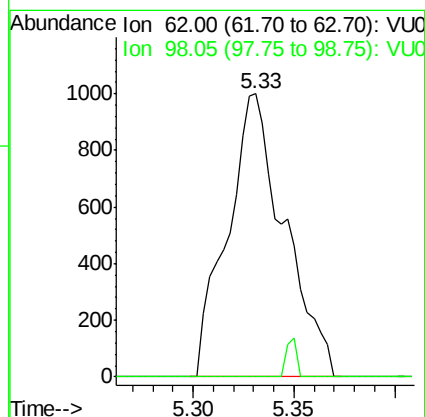
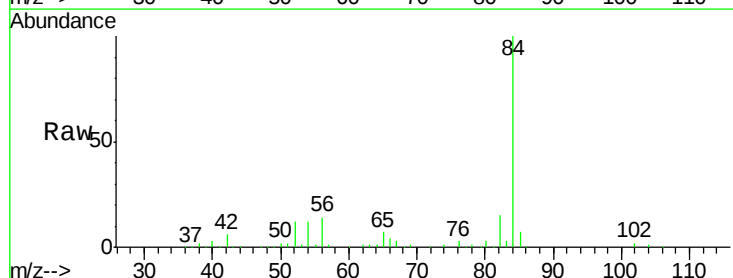
Instrument :
MSVOA_U
ClientSampleId :

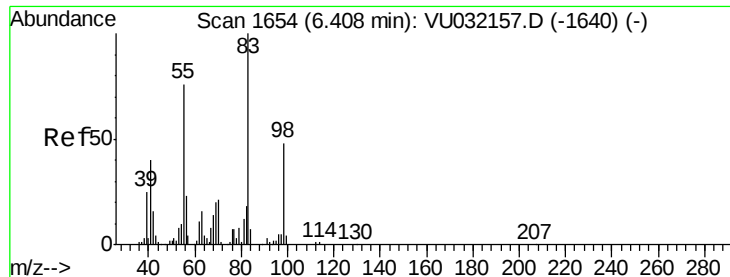
Tot Ion: 83 Resp: 7363
Ion Ratio Lower Upper
83 100
85 76.7 44.9 83.3



#27
1,2-Dichloroethane
Concen: 0.132 ug/L
RT: 5.33 min Scan# 1319
Delta R.T. -0.07 min
Lab File: VU032175.D
Acq: 20 May 2019 23:38

Tgt Ion: 62 Resp: 1964
Ion Ratio Lower Upper
62 100
98 0.0 8.0 12.0#





#35

Methvlcvclohexane

Concen: 1.297 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU032175.D

Acq: 20 May 2019 23:38

Instrument :

MSVOA_U

ClientSampleId :

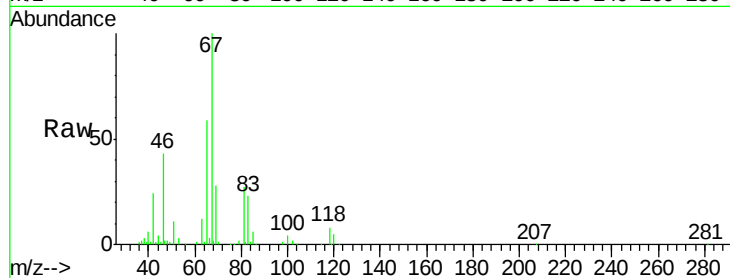
Tot Ion: 83 Resp: 26686

Ion Ratio Lower Upper

83 100

55 0.0 59.7 89.5#

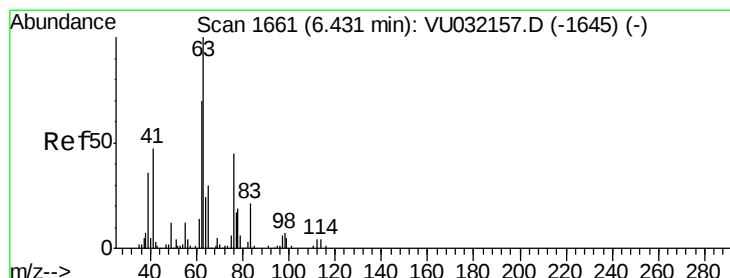
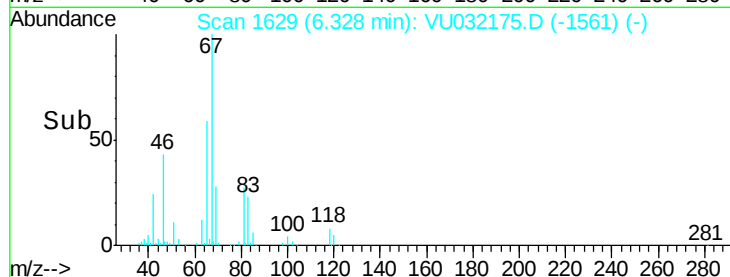
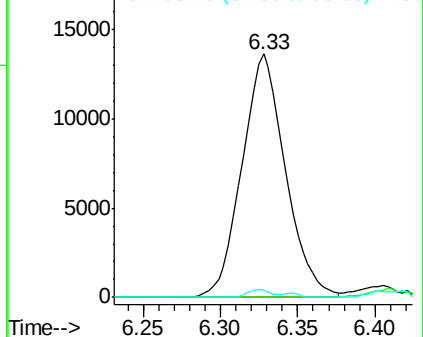
98 1.7 36.8 55.2#



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: 0.955 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU032175.D

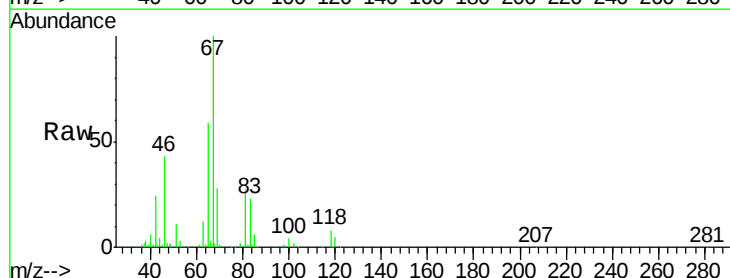
Acq: 20 May 2019 23:38

Tgt Ion: 63 Resp: 12298

Ion Ratio Lower Upper

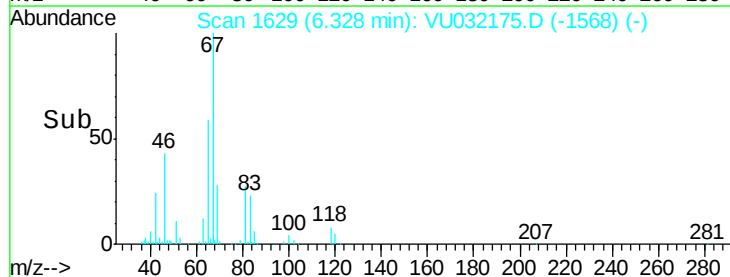
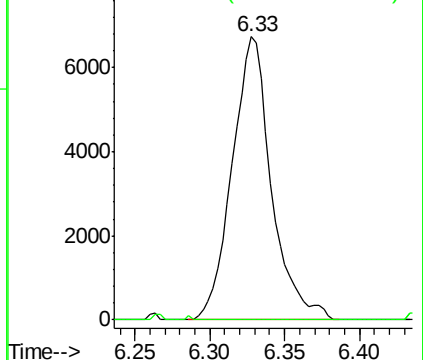
63 100

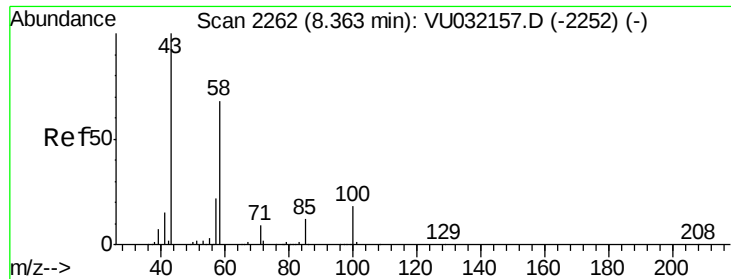
112 0.2 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

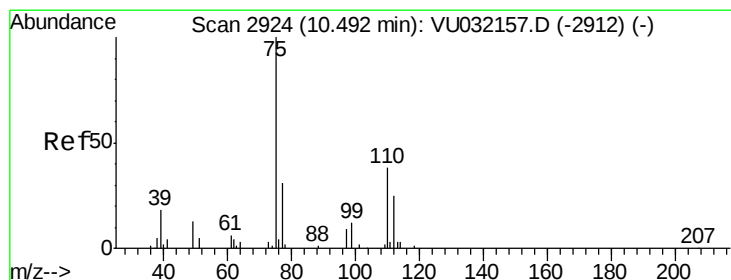
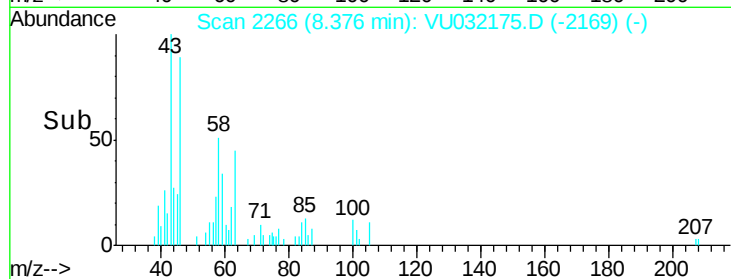
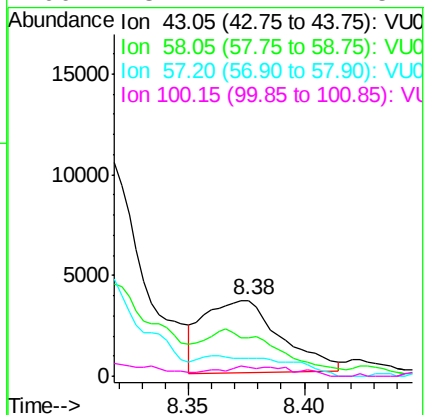
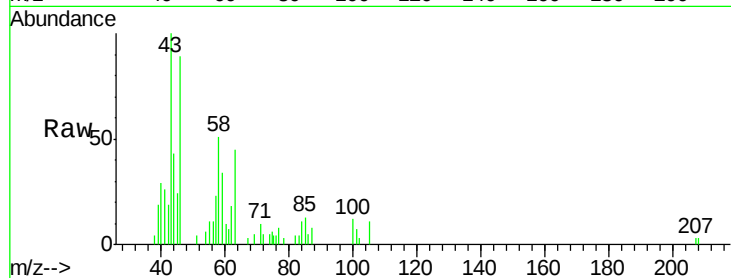




#48
 2-Hexanone
 Concen: 1.776 ug/L
 RT: 8.38 min Scan# 2266
 Delta R.T. 0.01 min
 Lab File: VU032175.D
 Acq: 20 May 2019 23:38

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 8222
 Ion Ratio Lower Upper
 43 100
 58 66.4 51.6 77.4
 57 3.9 18.4 27.6#
 100 3.4 12.2 18.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.480 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032175.D
 Acq: 20 May 2019 23:38

Tgt Ion: 75 Resp: 12104
 Ion Ratio Lower Upper
 75 100
 77 43.1 26.2 39.2#

