

Data File : VU032748.D
Acq On : 15 Jun 2019 02:42
Operator : JC/SP
Sample : K3381-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFC57

Quant Time: Jun 15 03:41:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 15 03:31:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	96641	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	91311	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45447	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27295	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.67	69	24427	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.27	63	42972	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.18	46	98113	55.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.90%
24) Chloroform-d	4.64	84	59830	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.30	65	35642	6.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.20%
32) Benzene-d6	5.33	84	114308	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.32	67	38539	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	7.56	98	97604	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.85	79	15041	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
46) 2-Hexanone-d5	8.31	63	72718	48.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34235	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	42002	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

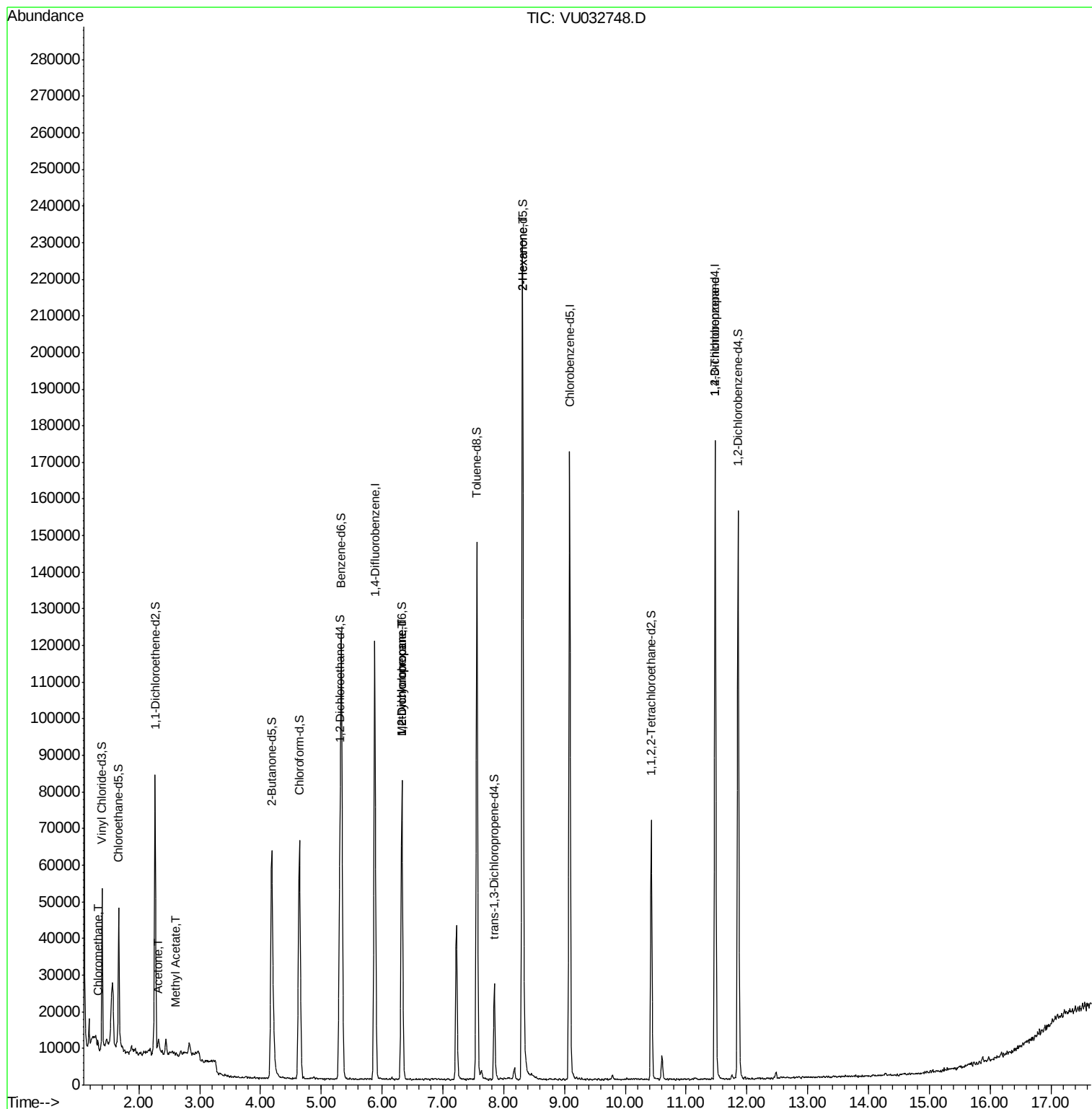
					Qvalue
3) Chloromethane	1.33	50	1835	0.213 ug/L	99
13) Acetone	2.32	43	2881	2.117 ug/L	98
15) Methyl Acetate	2.62	43	630	0.169 ug/L #	53
35) Methylcyclohexane	6.32	83	9075	0.729 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4156	0.597 ug/L #	89
48) 2-Hexanone	8.31	43	11082	3.128 ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	5624	1.230 ug/L #	84

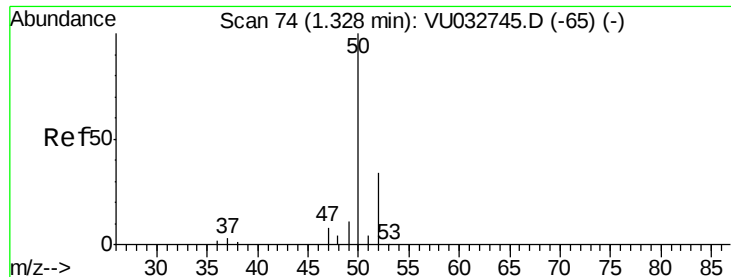
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.213 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032748.D

Acq: 15 Jun 2019 02:42

Instrument :

MSVOA_U

ClientSampleId :

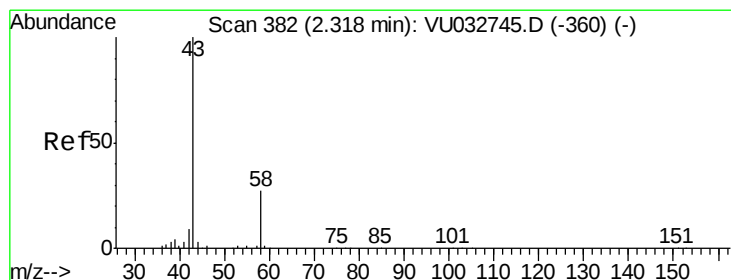
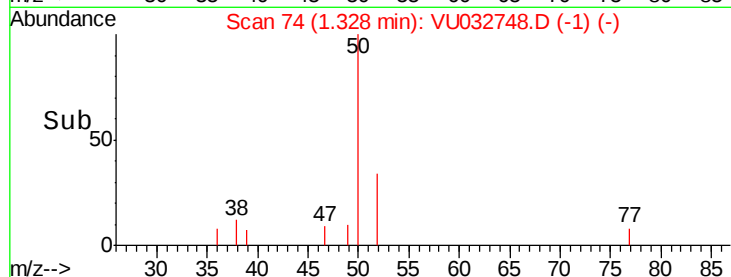
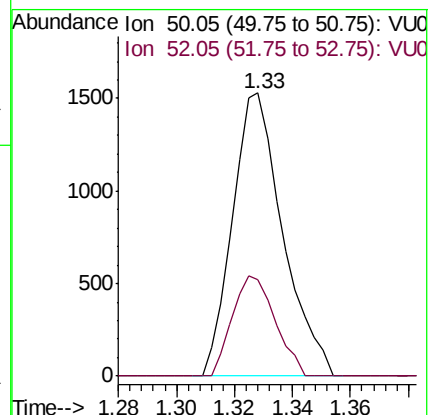
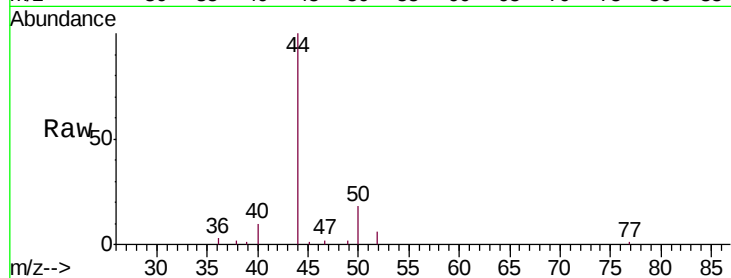
BFC57

Tgt Ion: 50 Resp: 1835

Ion Ratio Lower Upper

50 100

52 33.9 23.2 43.2



#13

Acetone

Concen: 2.117 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU032748.D

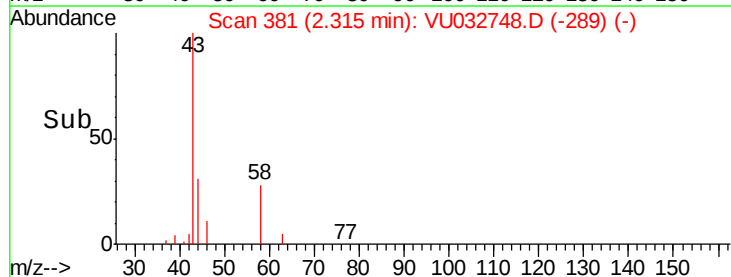
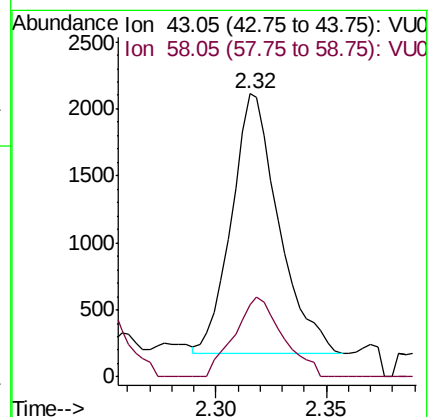
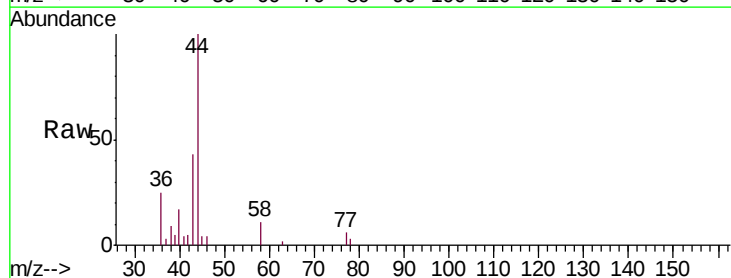
Acq: 15 Jun 2019 02:42

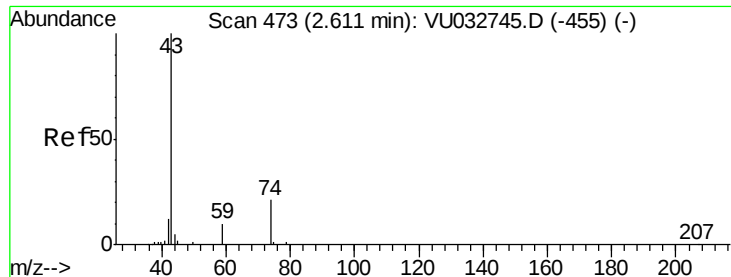
Tgt Ion: 43 Resp: 2881

Ion Ratio Lower Upper

43 100

58 31.5 0.0 60.8





#15

Methyl Acetate

Concen: 0.169 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.01 min

Lab File: VU032748.D

Acq: 15 Jun 2019 02:42

Instrument :

MSVOA_U

ClientSampleId :

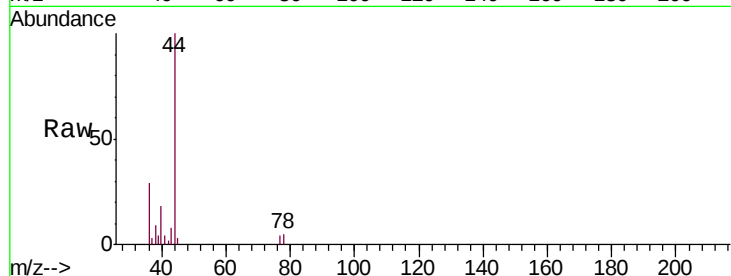
BFC57

Tgt Ion: 43 Resp: 630

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



Abundance Ion 43.05 (42.75 to 43.75): VU032748.D (-455) (-)

Ion 74.05 (73.75 to 74.75): VU032748.D (-455) (-)

2.62

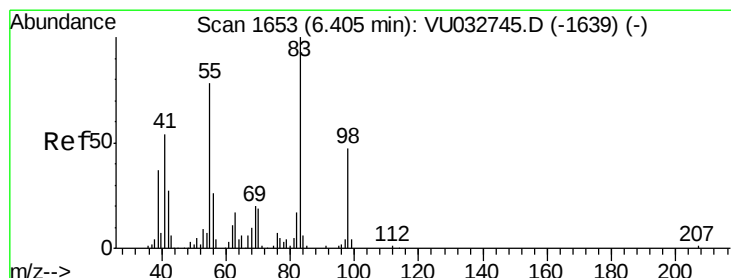
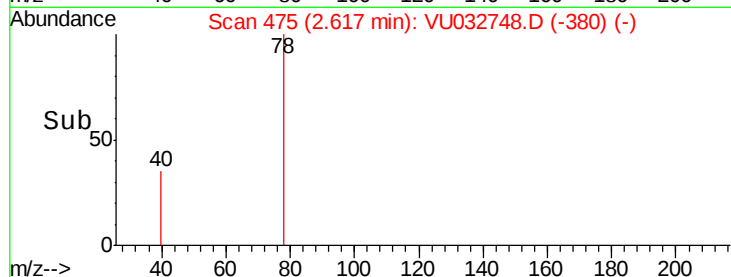
300

200

100

0

Time-->



#35

Methylcyclohexane

Concen: 0.729 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032748.D

Acq: 15 Jun 2019 02:42

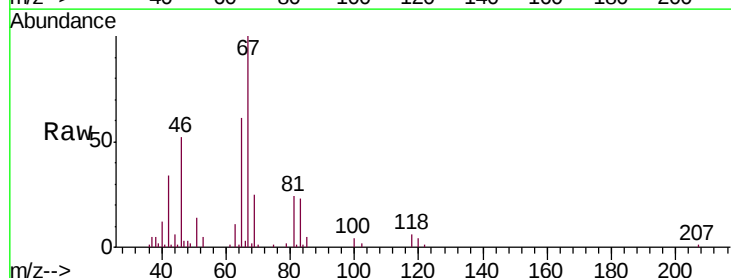
Tgt Ion: 83 Resp: 9075

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

98 0.5 37.8 56.8#



Abundance Ion 83.15 (82.85 to 83.85): VU032748.D (-1560) (-)

Ion 55.10 (54.80 to 55.80): VU032748.D (-1560) (-)

Ion 98.15 (97.85 to 98.85): VU032748.D (-1560) (-)

6000

5000

4000

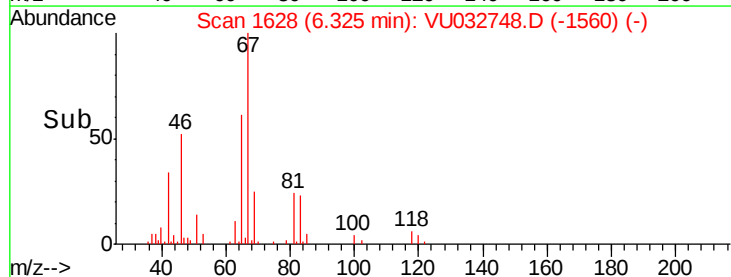
3000

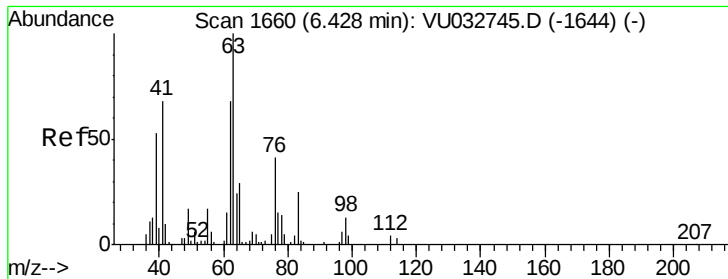
2000

1000

0

Time-->

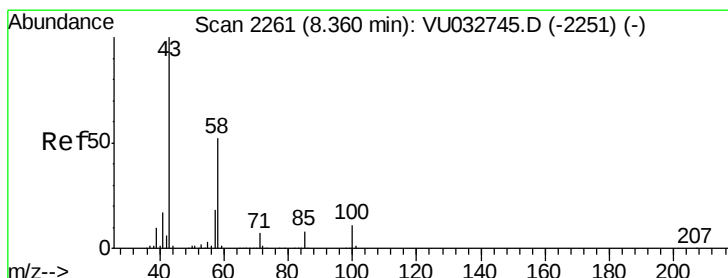
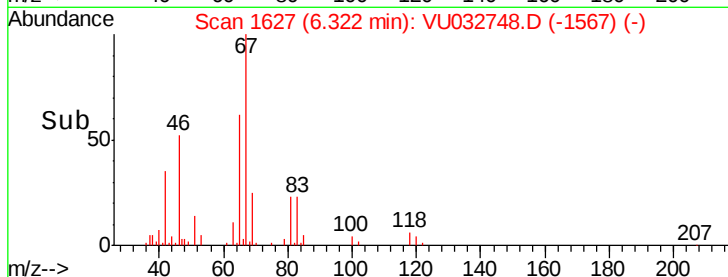
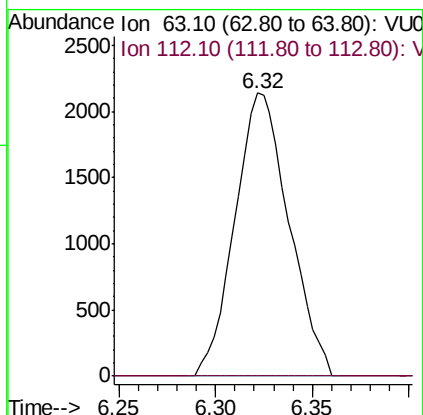
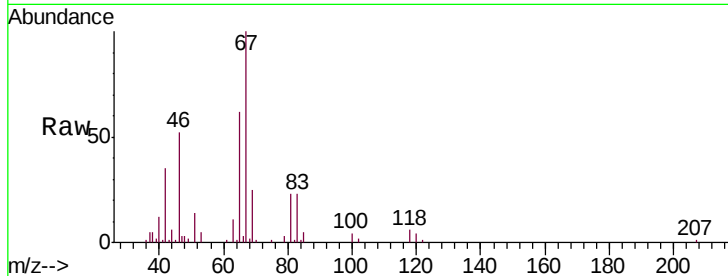




#37
 1,2-Dichloropropane
 Concen: 0.597 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.11 min
 Lab File: VU032748.D
 Acq: 15 Jun 2019 02:42

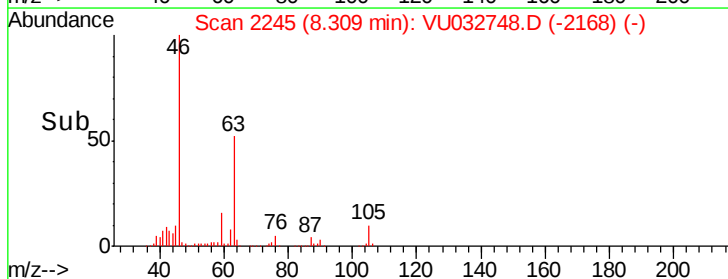
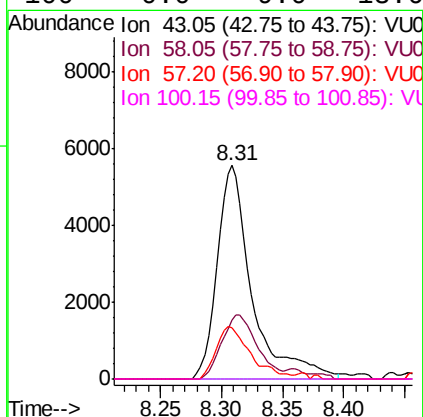
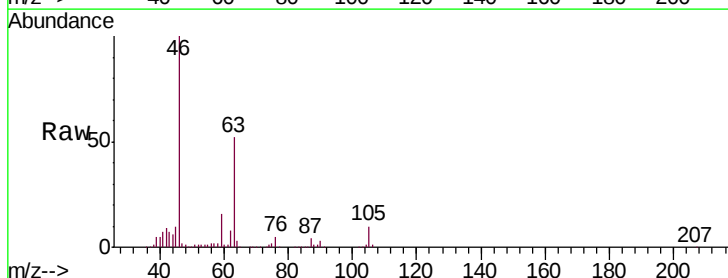
Instrument :
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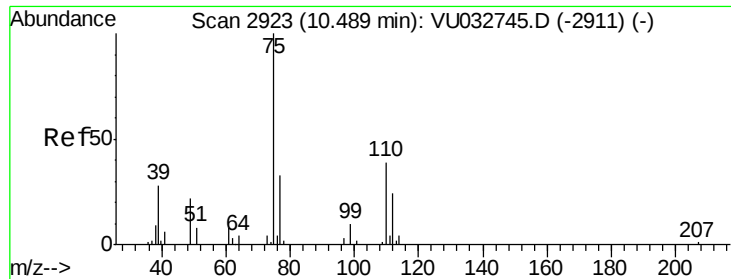
Tgt Ion: 63 Resp: 4156
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#48
 2-Hexanone
 Concen: 3.128 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU032748.D
 Acq: 15 Jun 2019 02:42

Tgt Ion: 43 Resp: 11082
 Ion Ratio Lower Upper
 43 100
 58 30.6 41.9 62.9#
 57 24.4 15.1 22.7#
 100 0.0 9.0 13.6#





#59

1,2,3-Trichloropropane

Concen: 1.230 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032748.D

Acq: 15 Jun 2019 02:42

Instrument :

MSVOA_U

ClientSampleId :

BFC57

Tgt Ion: 75 Resp: 5624

Ion Ratio Lower Upper

75 100

77 40.3 25.3 37.9#

