

Data File : VU032716.D
Acq On : 14 Jun 2019 00:14
Operator : JC/SP
Sample : K3364-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM37

Quant Time: Jun 14 07:43:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 07:38:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	91394	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	88319	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	40773	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26574	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.67	69	23684	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.27	63	42649	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.18	46	91268	55.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.06%
24) Chloroform-d	4.64	84	56776	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.31	65	33160	5.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.20%
32) Benzene-d6	5.33	84	109265	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.32	67	35222	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.56	98	93709	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.85	79	11743	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.31	63	46443	32.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26612	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	38567	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

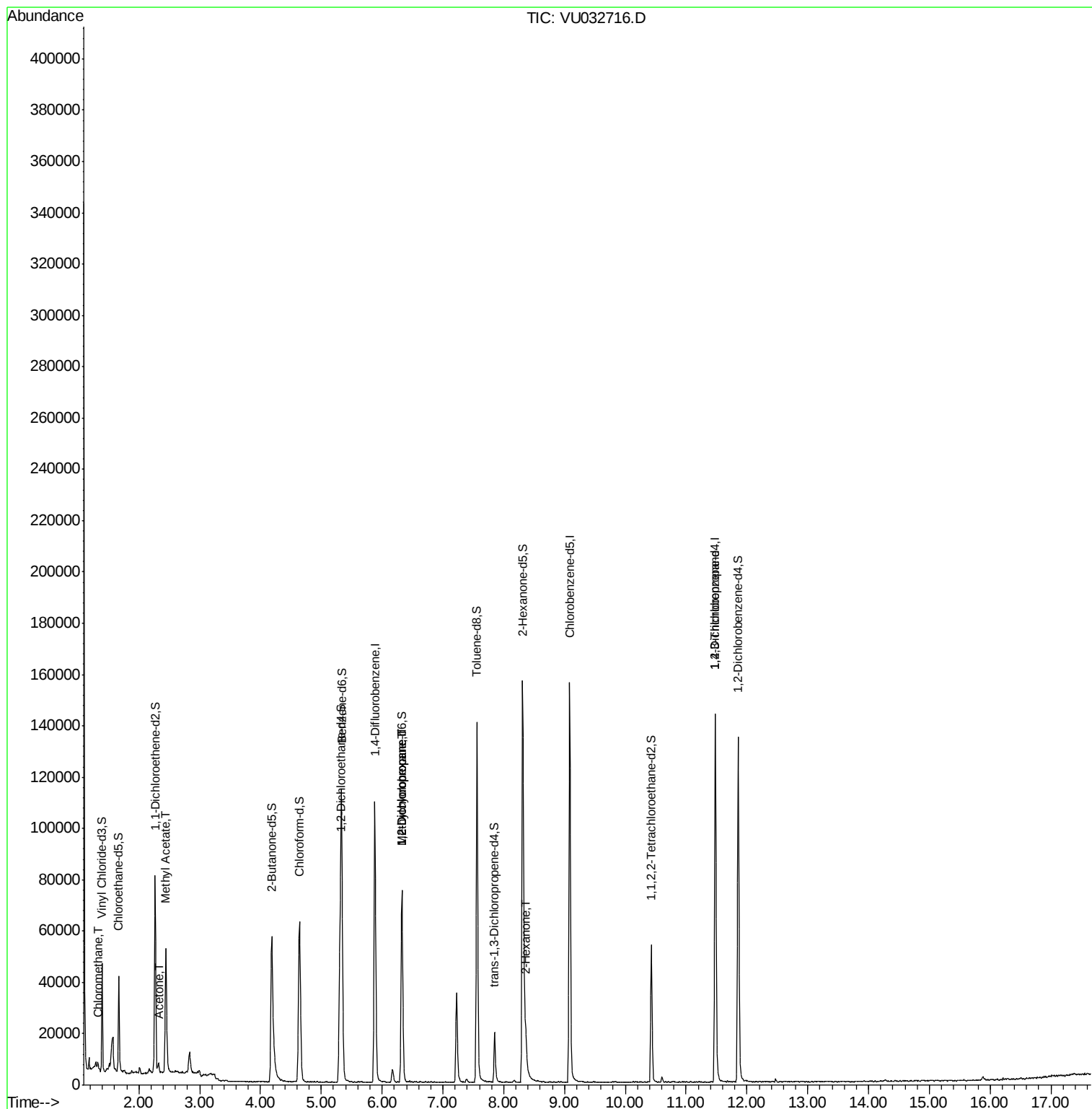
					Qvalue
3) Chloromethane	1.32	50	1618	0.199	ug/L 99
13) Acetone	2.32	43	3176	2.468	ug/L 95
15) Methyl Acetate	2.44	43	13333	3.775	ug/L # 53
35) Methylcyclohexane	6.33	83	8233	0.683	ug/L # 26
37) 1,2-Dichloropropane	6.33	63	3935	0.584	ug/L # 89
48) 2-Hexanone	8.36	43	10454	3.051	ug/L # 91
59) 1,2,3-Trichloropropane	11.48	75	5128	1.159	ug/L 89

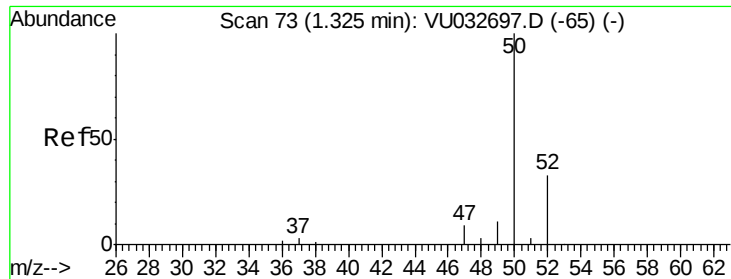
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.199 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

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Acq: 14 Jun 2019 00:14

Instrument :

MSVOA_U

ClientSampleId :

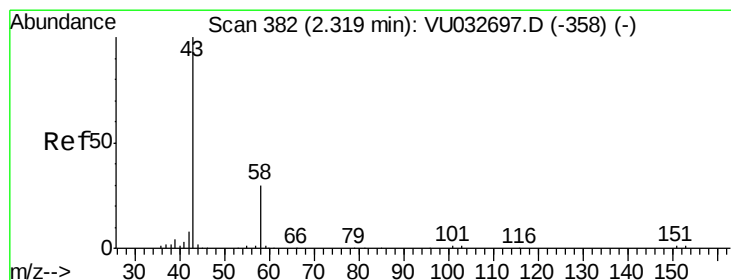
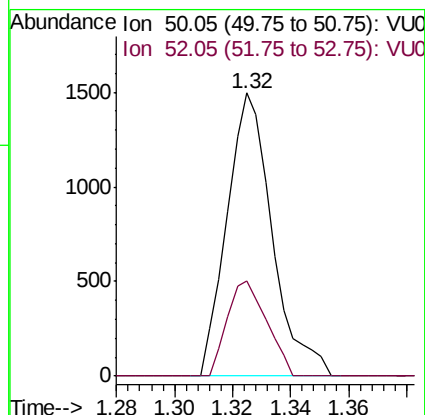
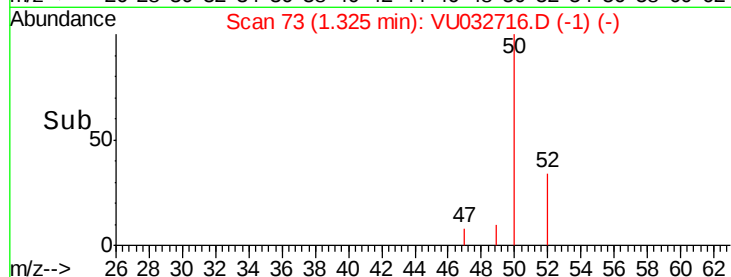
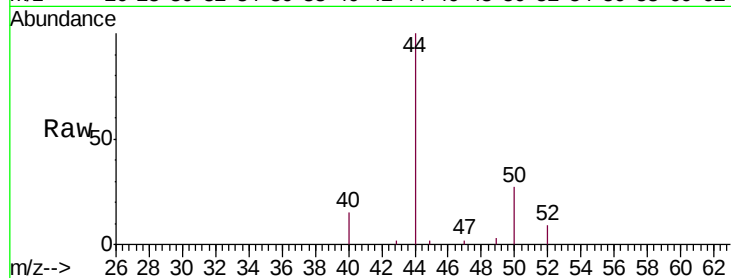
COM37

Tgt Ion: 50 Resp: 1618

Ion Ratio Lower Upper

50 100

52 33.6 23.2 43.2



#13

Acetone

Concen: 2.468 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032716.D

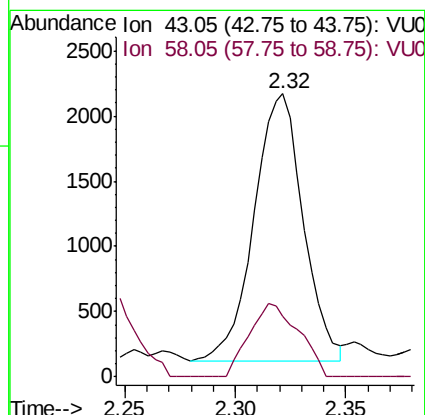
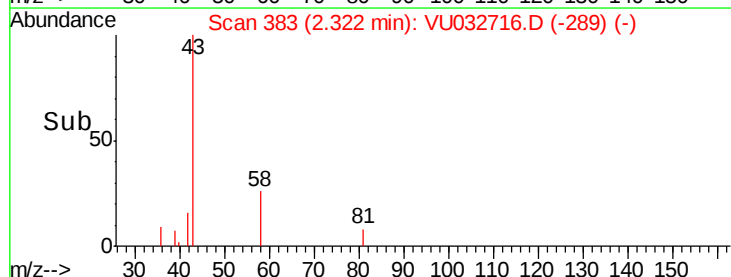
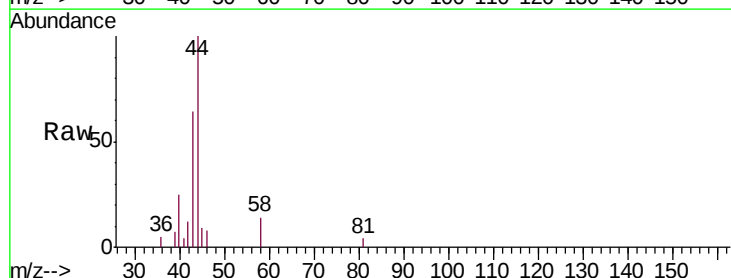
Acq: 14 Jun 2019 00:14

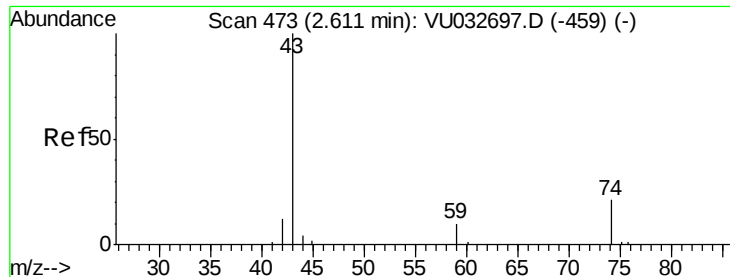
Tgt Ion: 43 Resp: 3176

Ion Ratio Lower Upper

43 100

58 27.6 0.0 60.8





#15

Methyl Acetate

Concen: 3.775 ug/L

RT: 2.44 min Scan# 421

Delta R.T. -0.17 min

Lab File: VU032716.D

Acq: 14 Jun 2019 00:14

Instrument :

MSVOA_U

ClientSampleId :

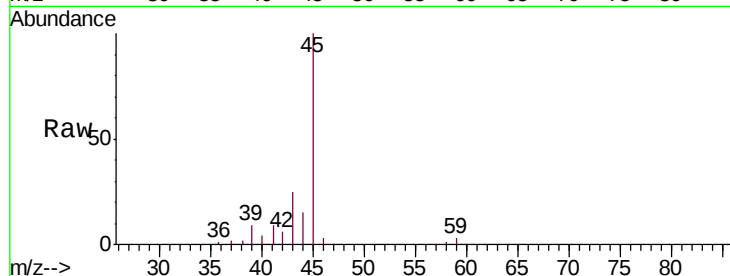
COM37

Tgt Ion: 43 Resp: 13333

Ion Ratio Lower Upper

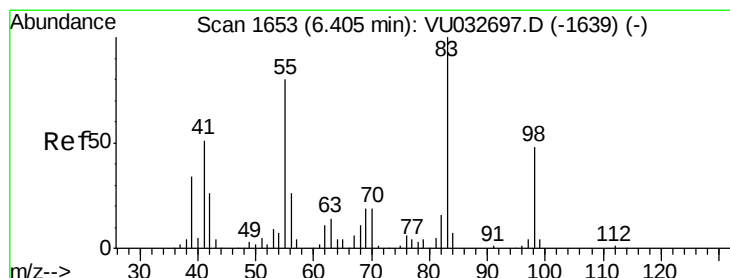
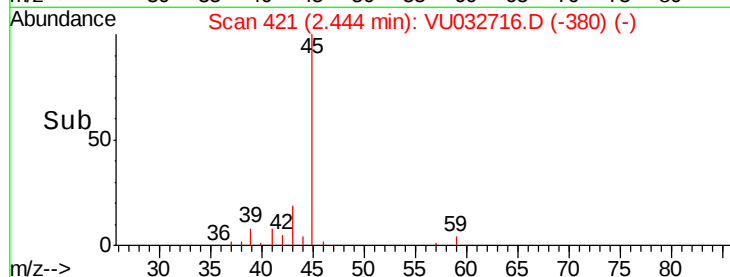
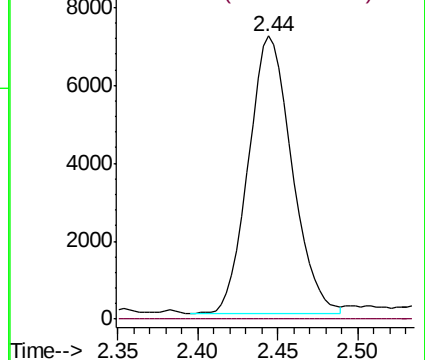
43 100

74 0.0 17.8 26.8#



Abundance Ion 43.05 (42.75 to 43.75): VU032716.D (-380) (-)

Ion 74.05 (73.75 to 74.75): VU032716.D (-380) (-)



#35

Methylcyclohexane

Concen: 0.683 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU032716.D

Acq: 14 Jun 2019 00:14

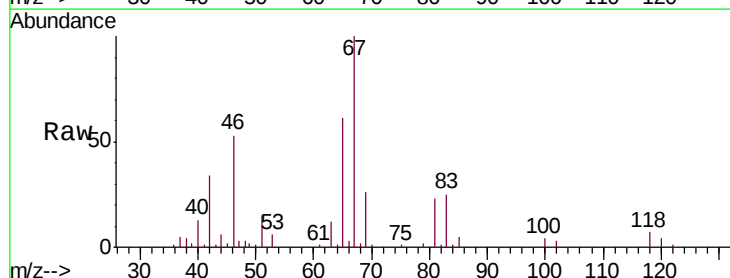
Tgt Ion: 83 Resp: 8233

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

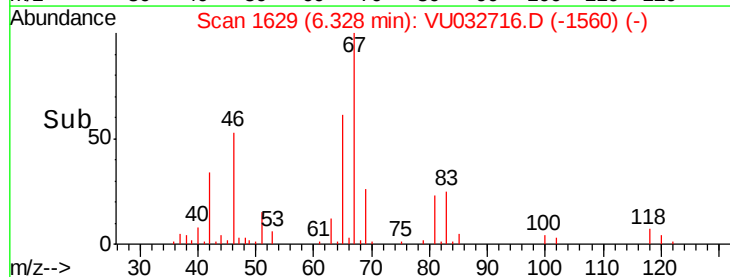
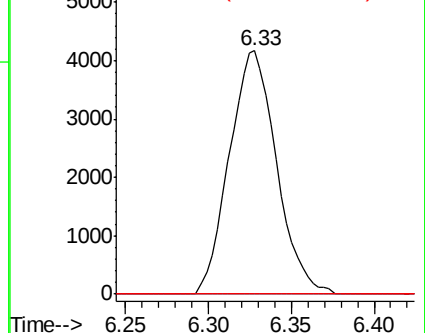
98 12.3 37.8 56.8#

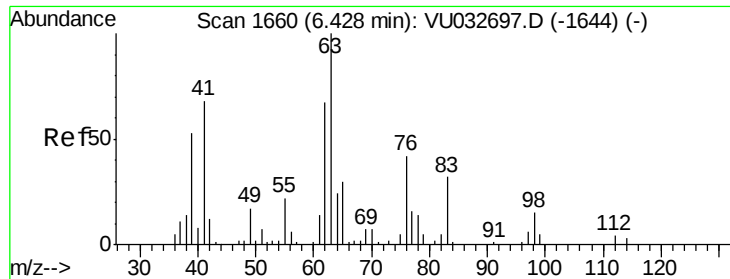


Abundance Ion 83.15 (82.85 to 83.85): VU032716.D (-1560) (-)

Ion 55.10 (54.80 to 55.80): VU032716.D (-1560) (-)

Ion 98.15 (97.85 to 98.85): VU032716.D (-1560) (-)





#37

1,2-Dichloropropane

Concen: 0.584 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU032716.D

Acq: 14 Jun 2019 00:14

Instrument :

MSVOA_U

ClientSampleId :

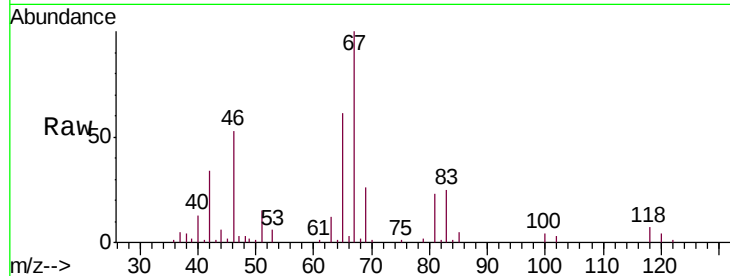
COM37

Tgt Ion: 63 Resp: 3935

Ion Ratio Lower Upper

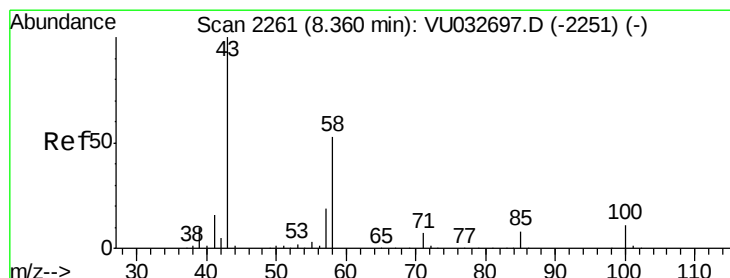
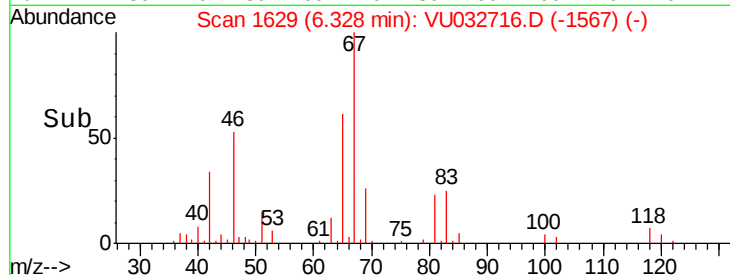
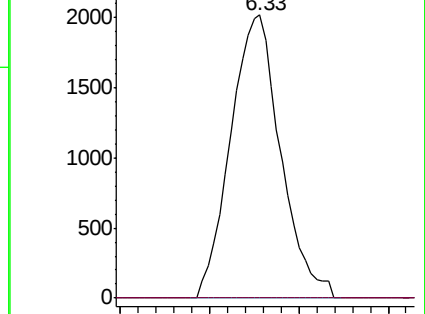
63 100

112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU032716.D (-1629) (-)

Ion 112.10 (111.80 to 112.80): VU032716.D (-1629) (-)



#48

2-Hexanone

Concen: 3.051 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU032716.D

Acq: 14 Jun 2019 00:14

Tgt Ion: 43 Resp: 10454

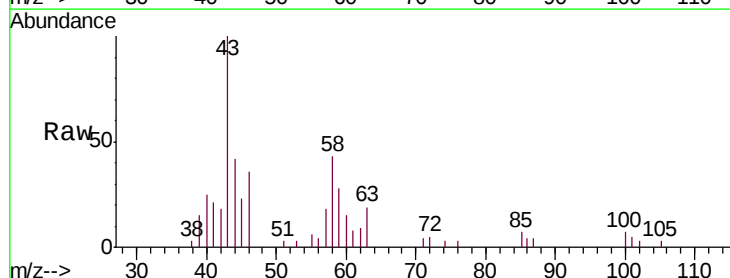
Ion Ratio Lower Upper

43 100

58 44.6 41.9 62.9

57 17.2 15.1 22.7

100 7.3 9.0 13.6#

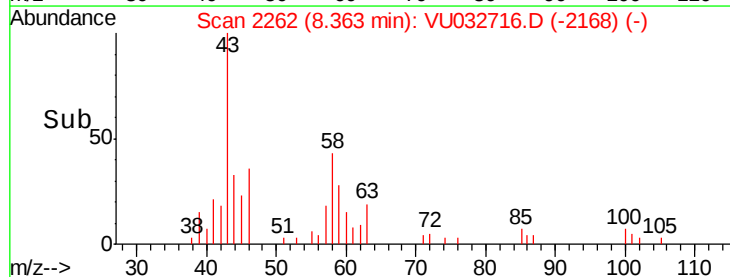
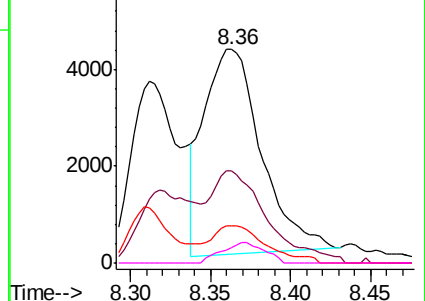


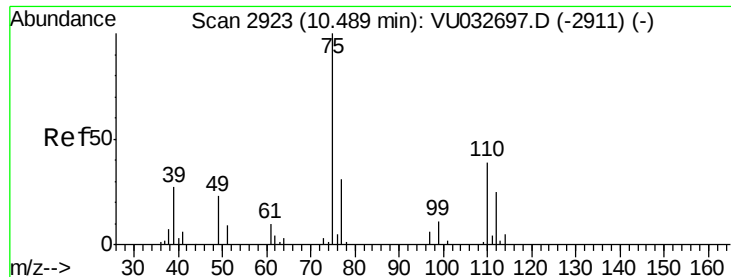
Abundance Ion 43.05 (42.75 to 43.75): VU032716.D (-2168) (-)

Ion 58.05 (57.75 to 58.75): VU032716.D (-2168) (-)

Ion 57.20 (56.90 to 57.90): VU032716.D (-2168) (-)

Ion 100.15 (99.85 to 100.85): VU032716.D (-2168) (-)





#59
 1,2,3-Trichloropropane
 Concen: 1.159 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032716.D
 Acq: 14 Jun 2019 00:14

Instrument :
 MSVOA_U
 ClientSampleId :
 COM37

Tgt Ion: 75 Resp: 5128
 Ion Ratio Lower Upper
 75 100
 77 37.8 25.3 37.9

