

Data File : VU032715.D
Acq On : 13 Jun 2019 23:50
Operator : JC/SP
Sample : K3364-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM36

Quant Time: Jun 14 07:43:37 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	93736	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	86956	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	41120	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27176	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.67	69	23598	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.27	63	45305	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.18	46	91205	53.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.24%
24) Chloroform-d	4.64	84	57179	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.31	65	31839	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.33	84	110107	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.32	67	35522	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.56	98	93400	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.85	79	11369	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.31	63	45460	31.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	27026	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	37816	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

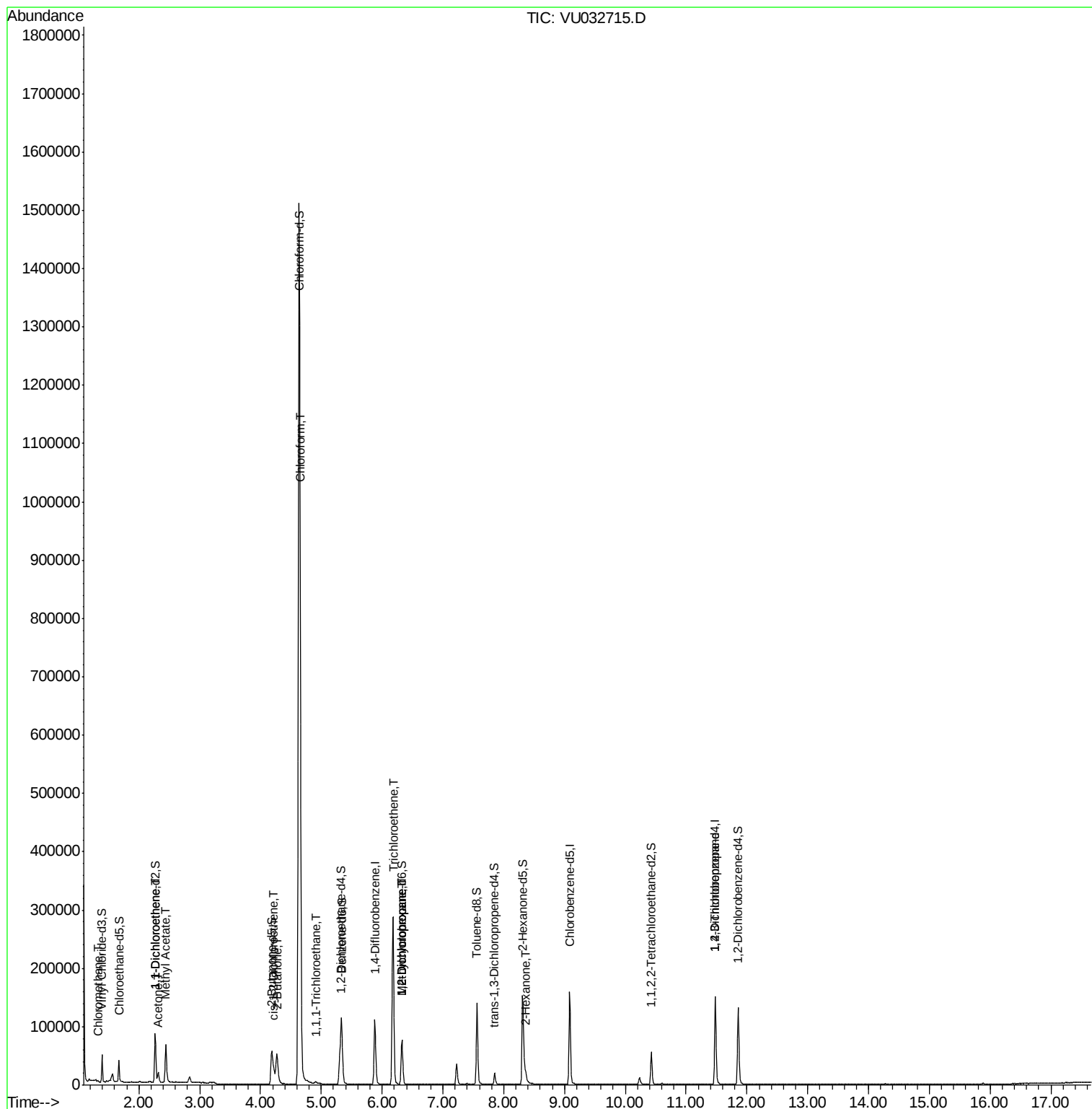
					Qvalue
3) Chloromethane	1.32	50	1596	0.191 ug/L	99
12) 1,1-Dichloroethene	2.28	96	5228	0.878 ug/L #	1
13) Acetone	2.32	43	17684	13.396 ug/L	96
15) Methyl Acetate	2.44	43	17164	4.739 ug/L #	53
21) 2-Butanone	4.27	43	77344	40.284 ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	6388	0.878 ug/L	96
25) Chloroform	4.66	83	1778	0.151 ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	2426	0.229 ug/L	94
34) Trichloroethene	6.18	95	95028	12.886 ug/L	99
35) Methylcyclohexane	6.32	83	8055	0.679 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4279	0.645 ug/L #	89
48) 2-Hexanone	8.36	43	11618	3.444 ug/L #	84
59) 1,2,3-Trichloropropane	11.48	75	5129	1.177 ug/L	95

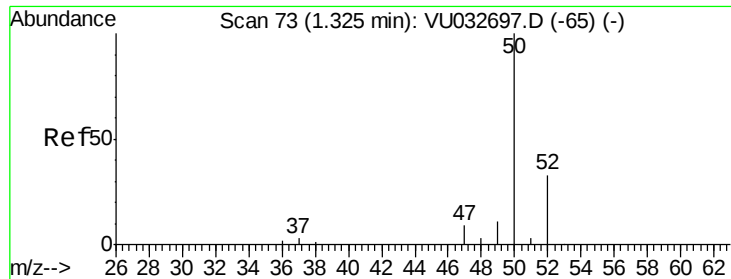
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.191 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032715.D

Acq: 13 Jun 2019 23:50

Instrument :

MSVOA_U

ClientSampleId :

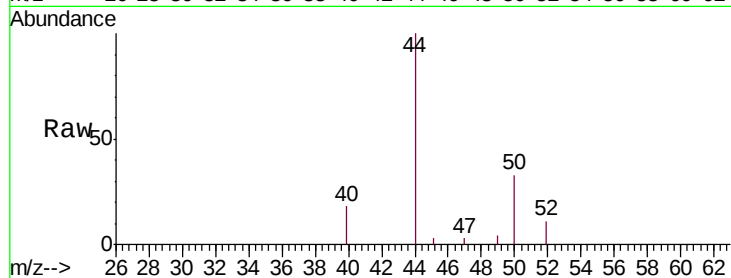
C0M36

Tgt Ion: 50 Resp: 1596

Ion Ratio Lower Upper

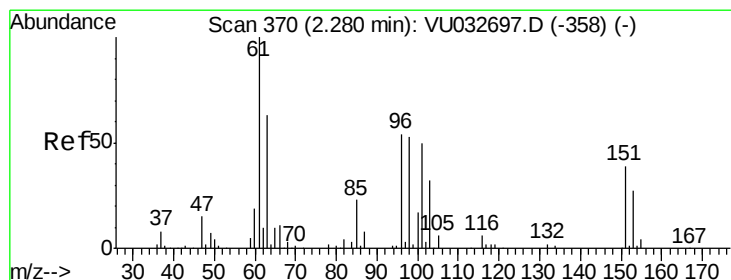
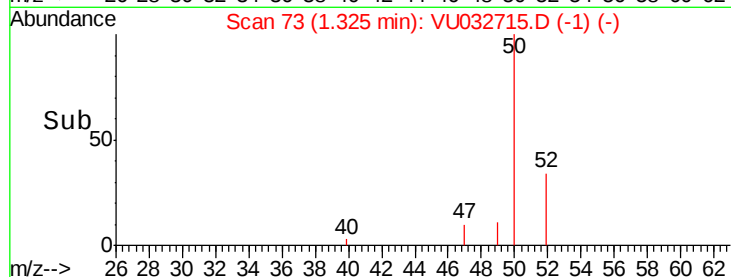
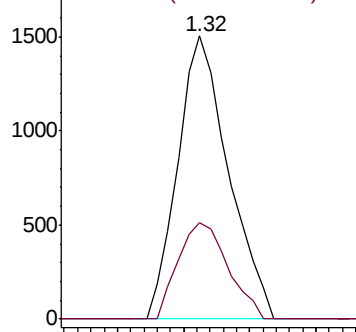
50 100

52 33.9 23.2 43.2



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#12

1,1-Dichloroethene

Concen: 0.878 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU032715.D

Acq: 13 Jun 2019 23:50

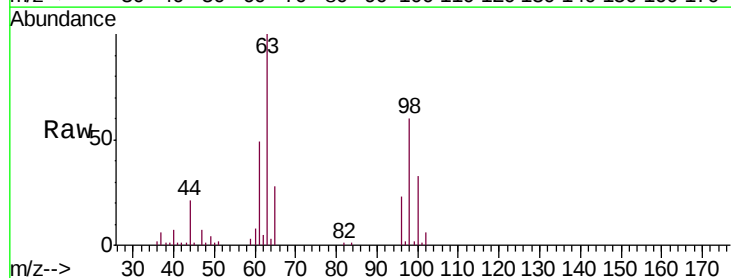
Tgt Ion: 96 Resp: 5228

Ion Ratio Lower Upper

96 100

61 213.1 131.8 244.8

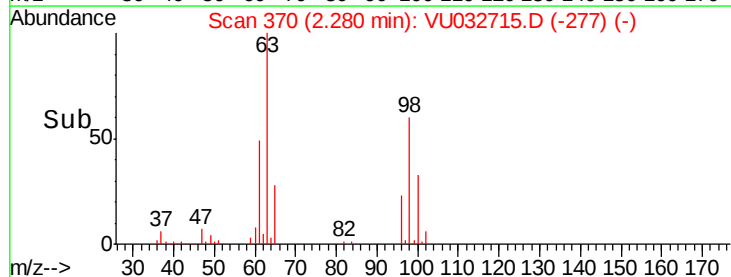
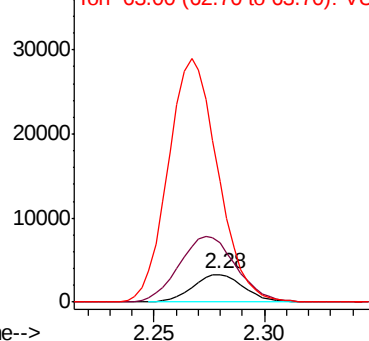
63 433.0 90.1 167.3#

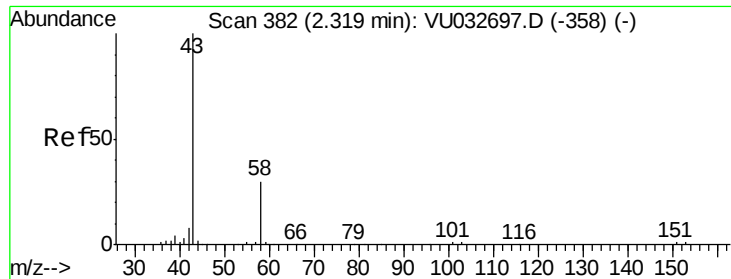


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 13.396 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032715.D

Acq: 13 Jun 2019 23:50

Instrument :

MSVOA_U

ClientSampleId :

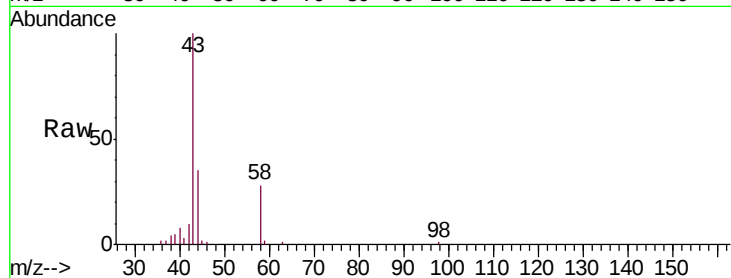
C0M36

Tgt Ion: 43 Resp: 17684

Ion Ratio Lower Upper

43 100

58 28.0 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032715.D (-382) (-)

Ion 58.05 (57.75 to 58.75): VU032715.D (-382) (-)

2.32

12000

10000

8000

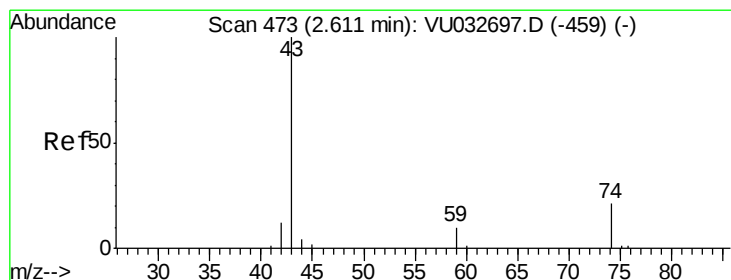
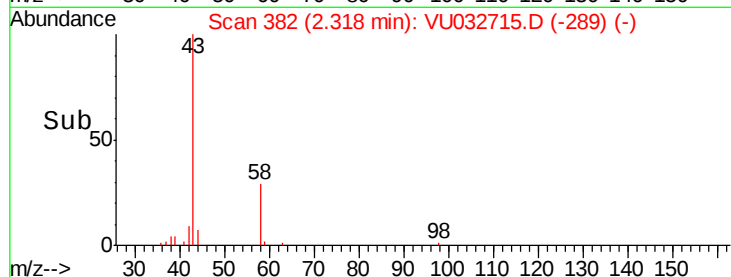
6000

4000

2000

0

Time-->



#15

Methyl Acetate

Concen: 4.739 ug/L

RT: 2.44 min Scan# 421

Delta R.T. -0.17 min

Lab File: VU032715.D

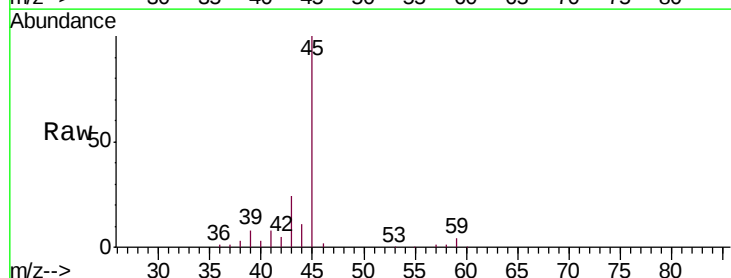
Acq: 13 Jun 2019 23:50

Tgt Ion: 43 Resp: 17164

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



Abundance Ion 43.05 (42.75 to 43.75): VU032715.D (-421) (-)

Ion 74.05 (73.75 to 74.75): VU032715.D (-421) (-)

2.44

10000

8000

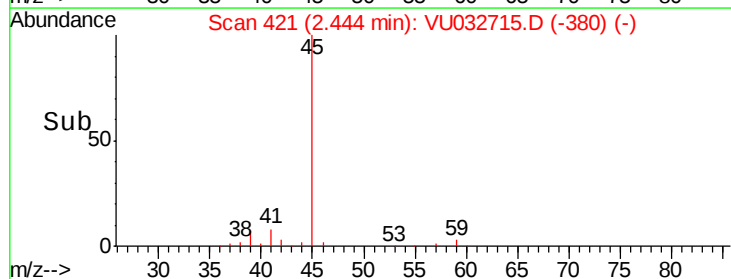
6000

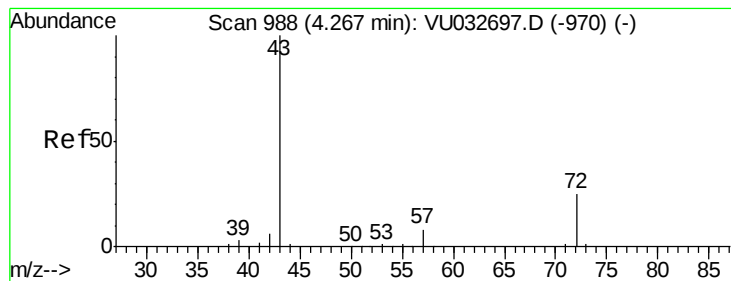
4000

2000

0

Time-->





#21

2-Butanone

Concen: 40.284 ug/L

RT: 4.27 min Scan# 989

Delta R.T. 0.00 min

Lab File: VU032715.D

Acq: 13 Jun 2019 23:50

Instrument :

MSVOA_U

ClientSampleId :

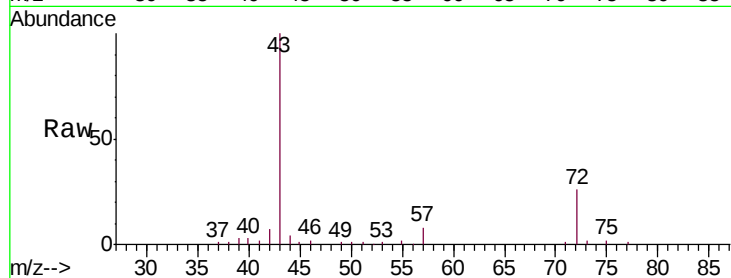
COM36

Tgt Ion: 43 Resp: 77344

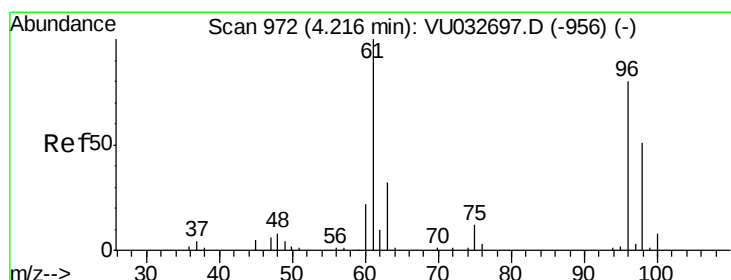
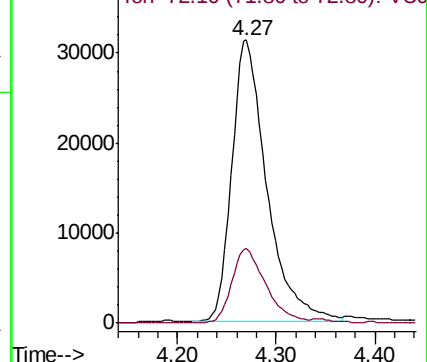
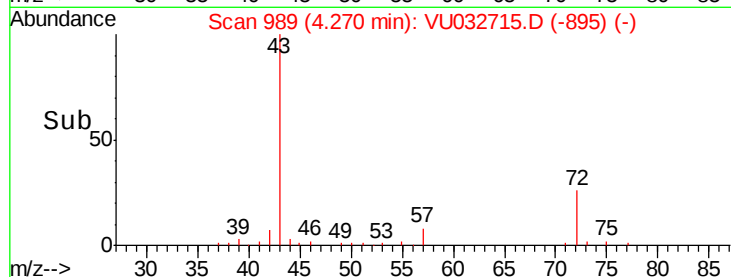
Ion Ratio Lower Upper

43 100

72 25.9 13.1 39.3



Abundance Ion 43.05 (42.75 to 43.75): VU032715.D (-895) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.878 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.01 min

Lab File: VU032715.D

Acq: 13 Jun 2019 23:50

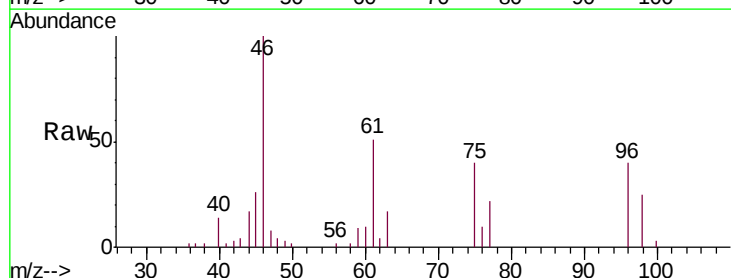
Tgt Ion: 96 Resp: 6388

Ion Ratio Lower Upper

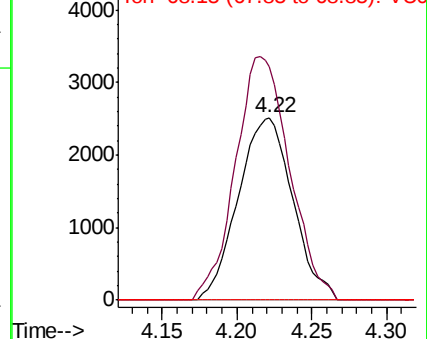
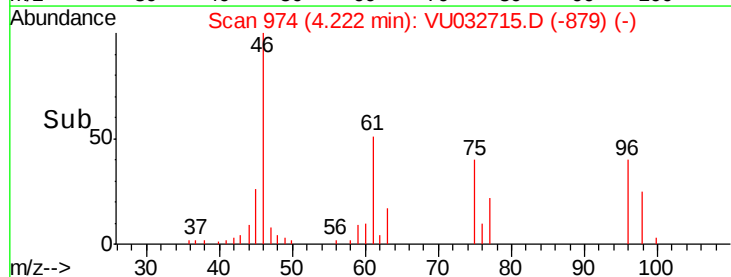
96 100

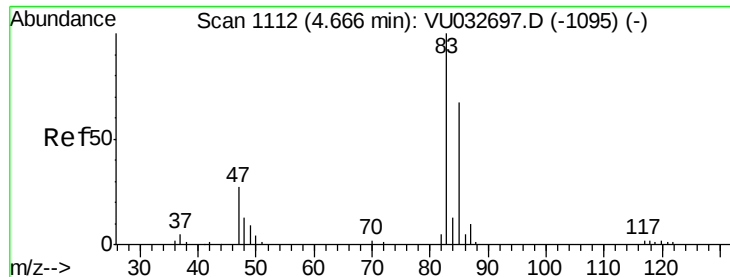
61 127.7 86.6 160.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032715.D (-879) (-)

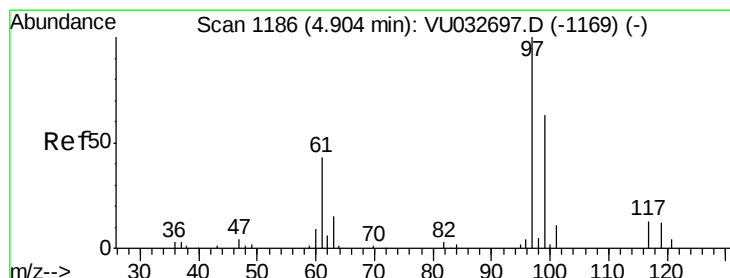
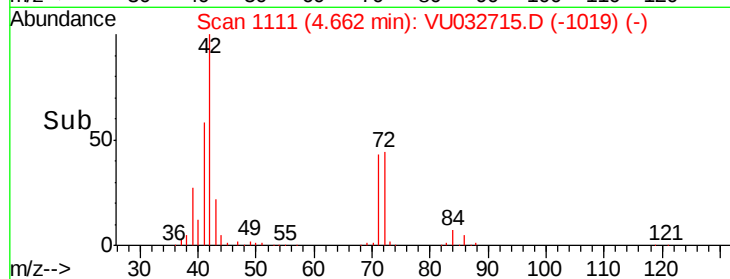
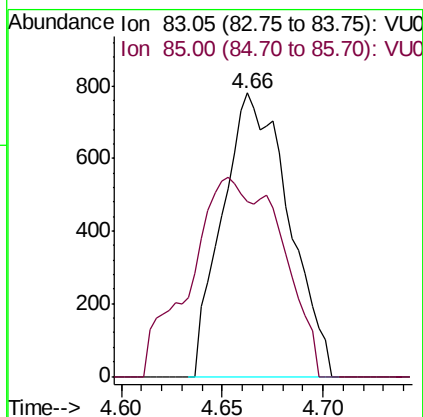
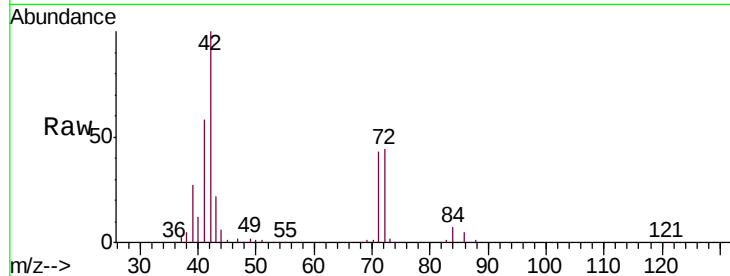




#25
Chloroform
Concen: 0.151 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VU032715.D
Acq: 13 Jun 2019 23:50

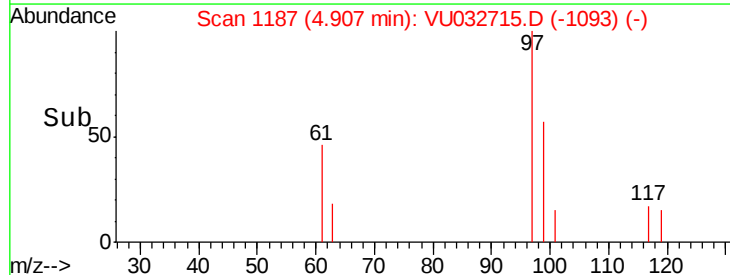
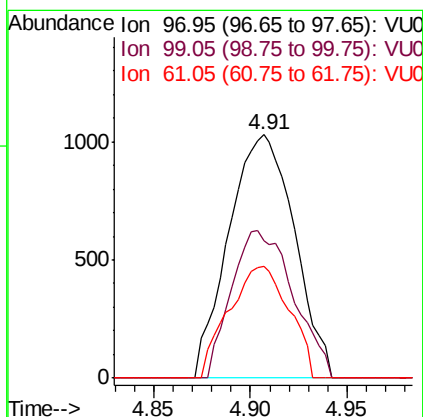
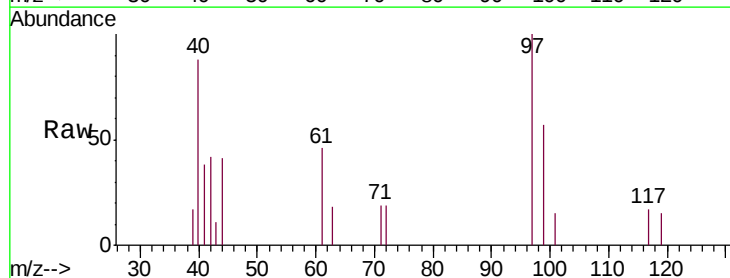
Instrument :
MSVOA_U
ClientSampleId :
COM36

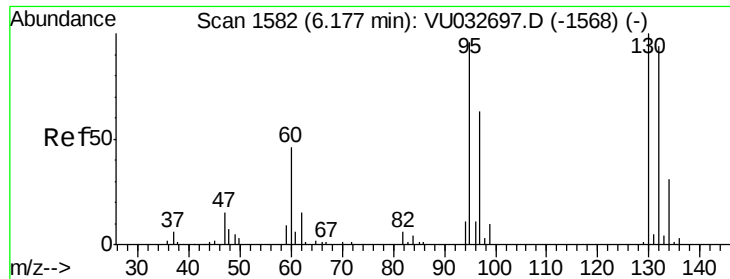
Tgt Ion: 83 Resp: 1778
Ion Ratio Lower Upper
83 100
85 61.9 43.8 81.3



#29
1,1,1-Trichloroethane
Concen: 0.229 ug/L
RT: 4.91 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VU032715.D
Acq: 13 Jun 2019 23:50

Tgt Ion: 97 Resp: 2426
Ion Ratio Lower Upper
97 100
99 57.2 51.8 77.6
61 42.2 34.7 52.1





#34

Trichloroethene

Concen: 12.886 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032715.D

Acq: 13 Jun 2019 23:50

Instrument :

MSVOA_U

ClientSampleId :

C0M36

Tgt Ion: 95 Resp: 95028

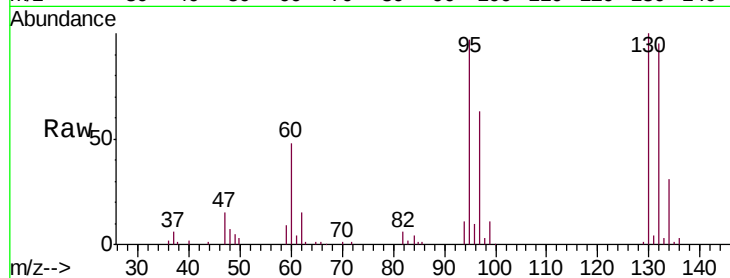
Ion Ratio Lower Upper

95 100

97 65.0 44.1 81.9

132 97.3 68.8 127.8

130 102.6 71.0 131.8

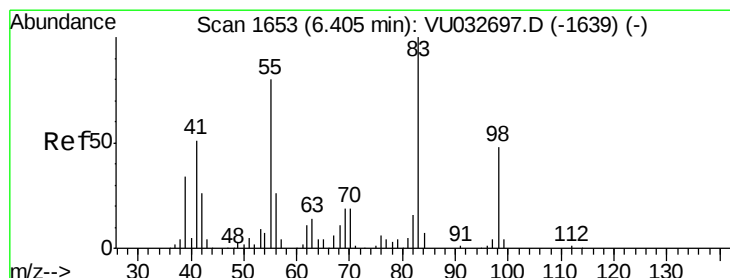
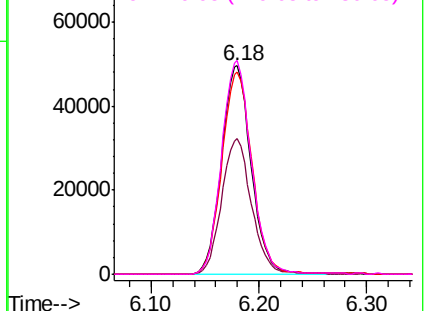
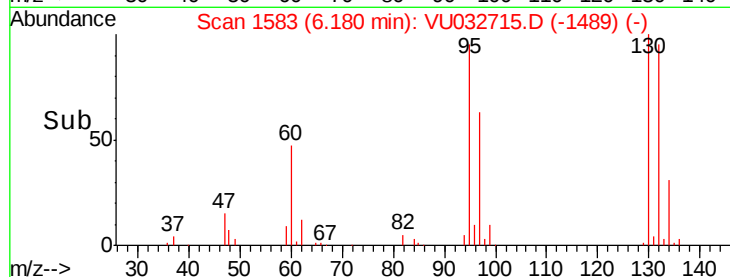


Abundance Ion 95.00 (94.70 to 95.70): VU032715.D (-1568) (-)

Ion 96.95 (96.65 to 97.65): VU032715.D (-1568) (-)

Ion 131.95 (131.65 to 132.65): VU032715.D (-1568) (-)

Ion 129.95 (129.65 to 130.65): VU032715.D (-1568) (-)



#35

Methylcyclohexane

Concen: 0.679 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032715.D

Acq: 13 Jun 2019 23:50

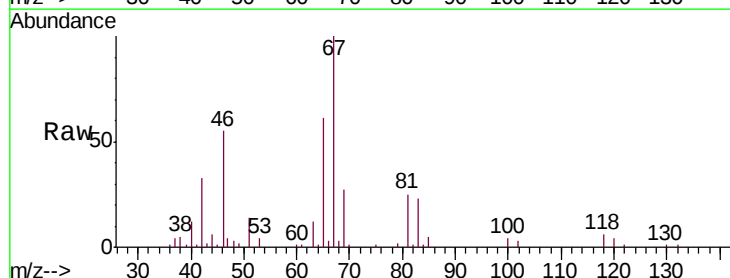
Tgt Ion: 83 Resp: 8055

Ion Ratio Lower Upper

83 100

55 0.2 60.0 90.0#

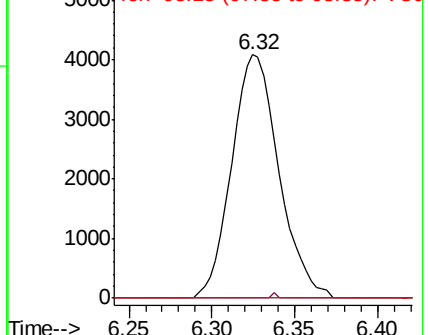
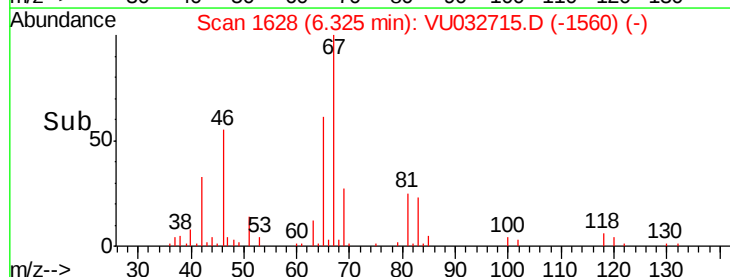
98 0.0 37.8 56.8#

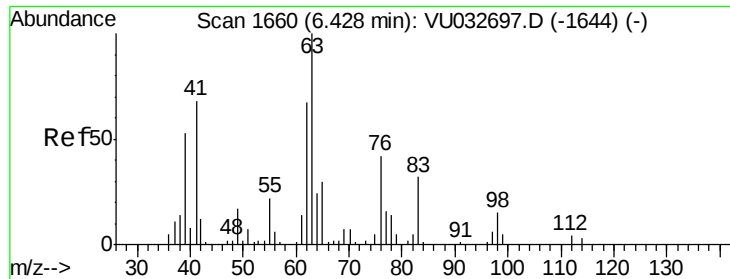


Abundance Ion 83.15 (82.85 to 83.85): VU032715.D (-1560) (-)

Ion 55.10 (54.80 to 55.80): VU032715.D (-1560) (-)

Ion 98.15 (97.85 to 98.85): VU032715.D (-1560) (-)

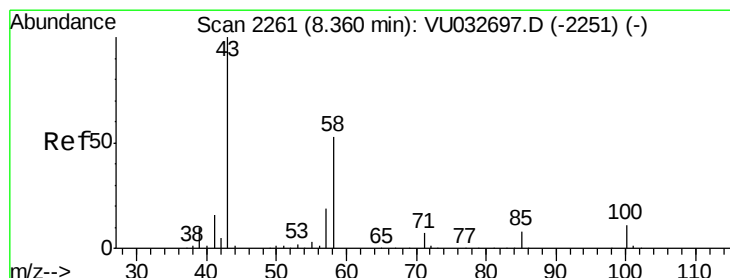
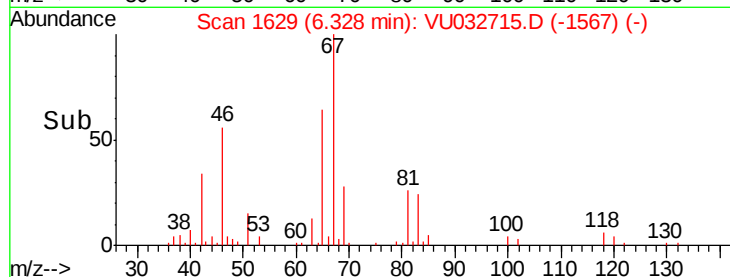
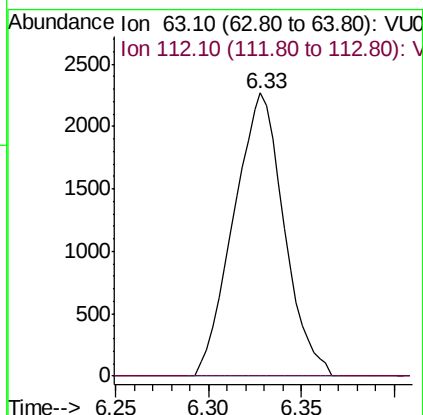
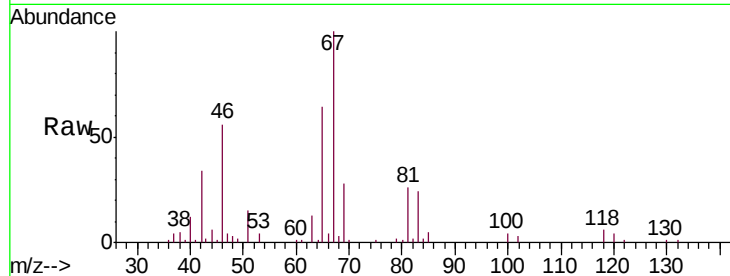




#37
 1,2-Dichloropropane
 Concen: 0.645 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032715.D
 Acq: 13 Jun 2019 23:50

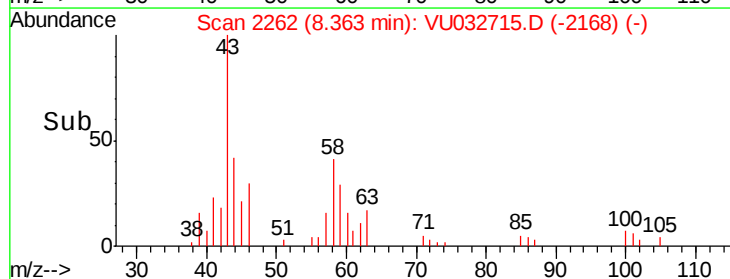
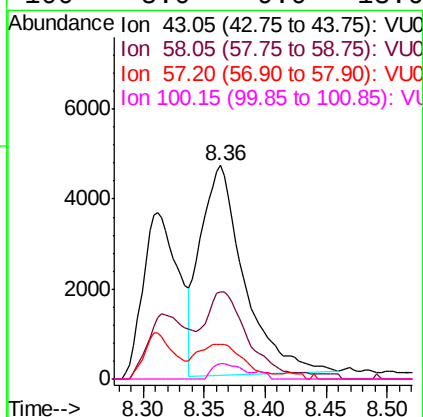
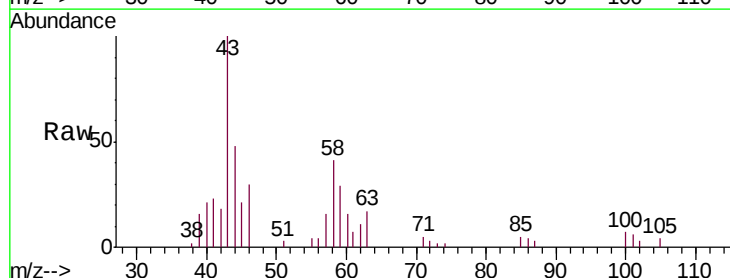
Instrument :
 MSVOA_U
 ClientSampleId :
 COM36

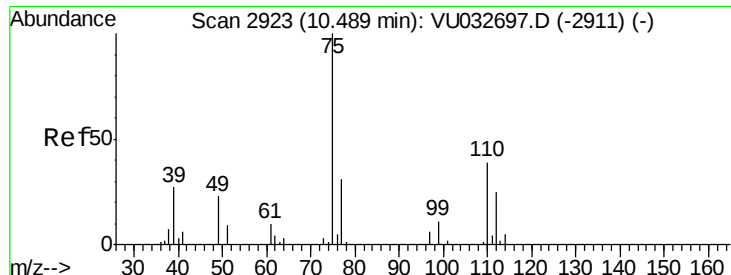
Tgt Ion: 63 Resp: 4279
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#48
 2-Hexanone
 Concen: 3.444 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU032715.D
 Acq: 13 Jun 2019 23:50

Tgt Ion: 43 Resp: 11618
 Ion Ratio Lower Upper
 43 100
 58 37.2 41.9 62.9#
 57 18.6 15.1 22.7
 100 5.0 9.0 13.6#





#59
 1,2,3-Trichloropropane
 Concen: 1.177 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032715.D
 Acq: 13 Jun 2019 23:50

Instrument :
 MSVOA_U
 ClientSampleId :
 COM36

Tgt Ion: 75 Resp: 5129
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.3 37.9

