

Data File : VU032710.D
Acq On : 13 Jun 2019 21:46
Operator : JC/SP
Sample : K3364-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM31

Quant Time: Jun 14 07:42:54 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	90317	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	84992	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	39861	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26775	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.68	69	22728	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.27	63	51294	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.20%
20) 2-Butanone-d5	4.18	46	85794	52.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.70%
24) Chloroform-d	4.64	84	54652	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.31	65	31444	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.40%
32) Benzene-d6	5.33	84	106255	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.32	67	34887	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.56	98	91583	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.85	79	11552	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.31	63	46703	33.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	25344	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	36765	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

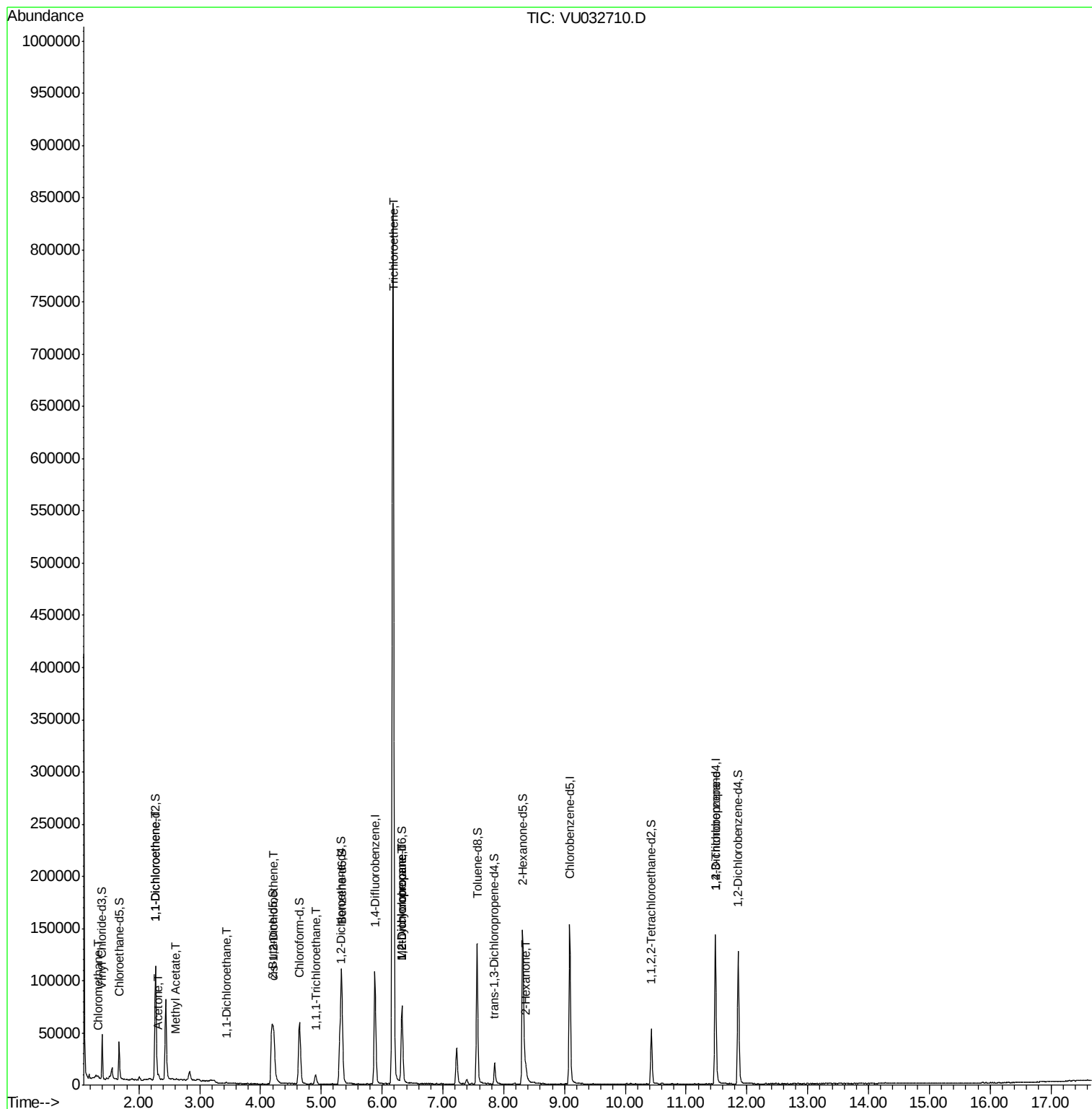
					Qvalue
3) Chloromethane	1.32	50	1625	0.202	ug/L 93
12) 1,1-Dichloroethene	2.28	96	16590	2.891	ug/L 91
13) Acetone	2.32	43	4764	3.745	ug/L 99
15) Methyl Acetate	2.61	43	703	0.201	ug/L # 53
19) 1,1-Dichloroethane	3.44	63	1440	0.130	ug/L # 87
22) cis-1,2-Dichloroethene	4.22	96	18856	2.691	ug/L 95
29) 1,1,1-Trichloroethane	4.90	97	6784	0.655	ug/L 96
34) Trichloroethene	6.18	95	280588	38.928	ug/L 99
35) Methylcyclohexane	6.32	83	7895	0.681	ug/L # 19
37) 1,2-Dichloropropane	6.33	63	3875	0.598	ug/L # 89
48) 2-Hexanone	8.36	43	8922	2.706	ug/L # 88
59) 1,2,3-Trichloropropane	11.48	75	5024	1.180	ug/L 91

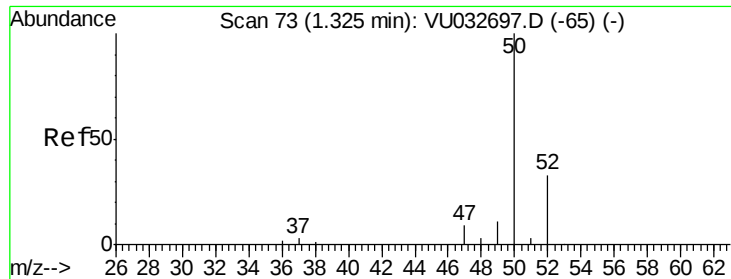
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.202 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032710.D

Acq: 13 Jun 2019 21:46

Instrument :

MSVOA_U

ClientSampleId :

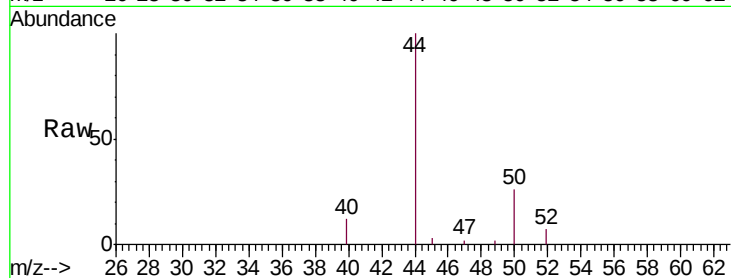
COM31

Tgt Ion: 50 Resp: 1625

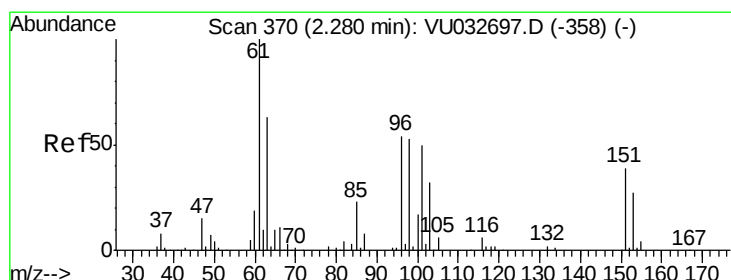
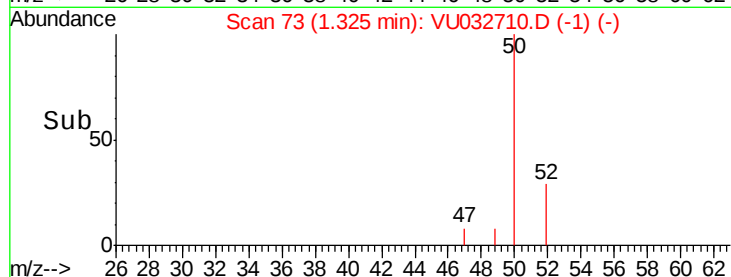
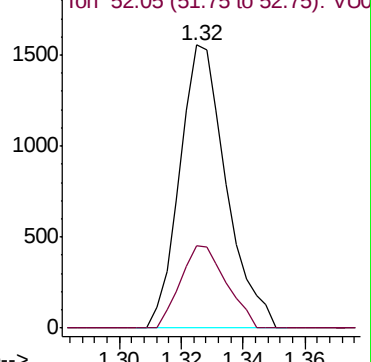
Ion Ratio Lower Upper

50 100

52 29.1 23.2 43.2



Abundance Ion 50.05 (49.75 to 50.75): VU032710.D (-1) (-)



#12

1,1-Dichloroethene

Concen: 2.891 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU032710.D

Acq: 13 Jun 2019 21:46

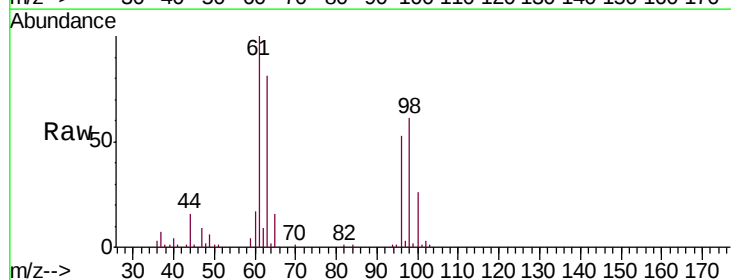
Tgt Ion: 96 Resp: 16590

Ion Ratio Lower Upper

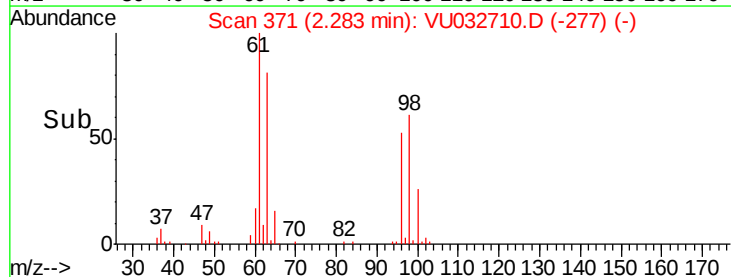
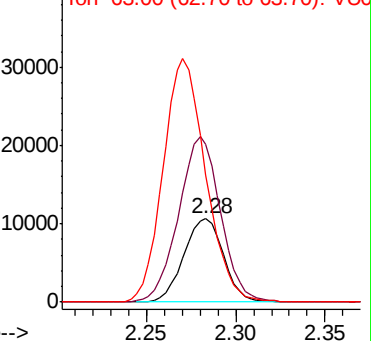
96 100

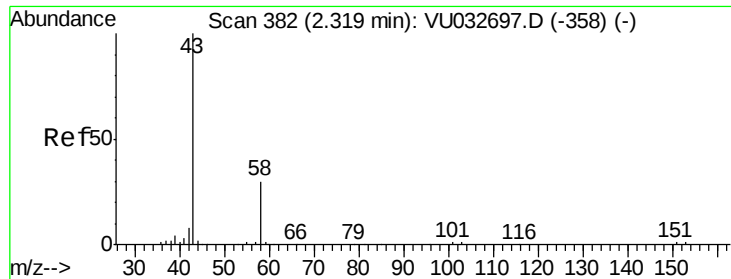
61 189.4 131.8 244.8

63 153.0 90.1 167.3



Abundance Ion 96.00 (95.70 to 96.70): VU032710.D (-277) (-)





#13

Acetone

Concen: 3.745 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032710.D

Acq: 13 Jun 2019 21:46

Instrument :

MSVOA_U

ClientSampleId :

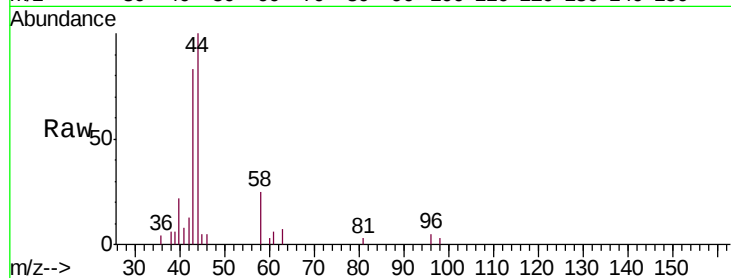
COM31

Tgt Ion: 43 Resp: 4764

Ion Ratio Lower Upper

43 100

58 29.6 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032710.D (-289) (-)

Ion 58.05 (57.75 to 58.75): VU032710.D (-289) (-)

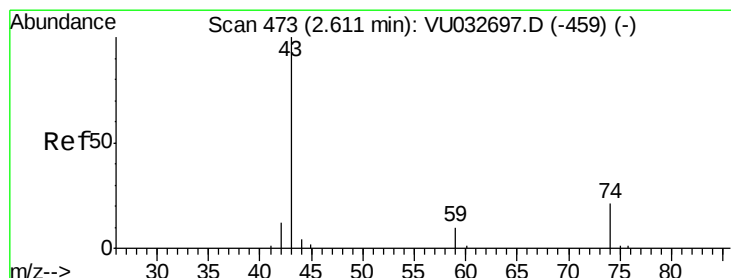
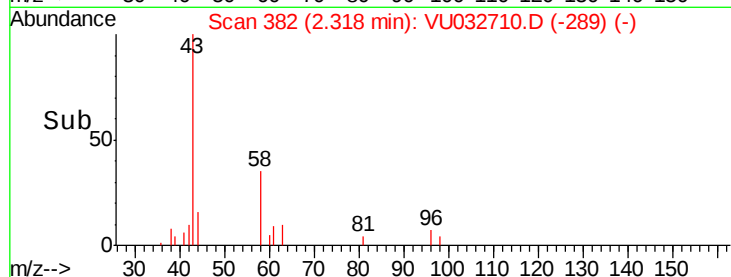
10000

5000

2.32

0

Time-->



#15

Methyl Acetate

Concen: 0.201 ug/L

RT: 2.61 min Scan# 472

Delta R.T. -0.00 min

Lab File: VU032710.D

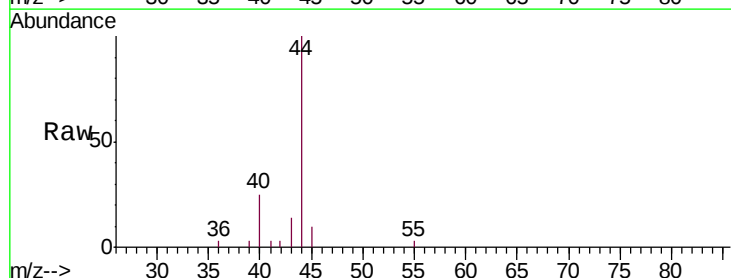
Acq: 13 Jun 2019 21:46

Tgt Ion: 43 Resp: 703

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



Abundance Ion 43.05 (42.75 to 43.75): VU032710.D (-380) (-)

Ion 74.05 (73.75 to 74.75): VU032710.D (-380) (-)

600

500

400

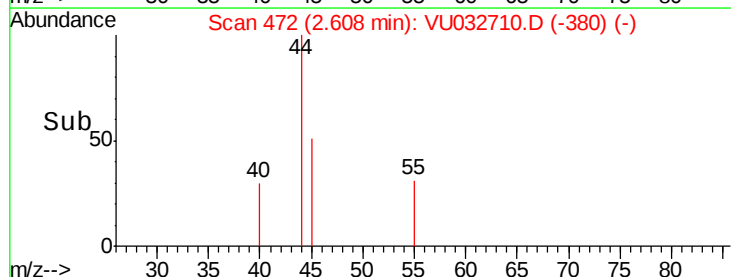
300

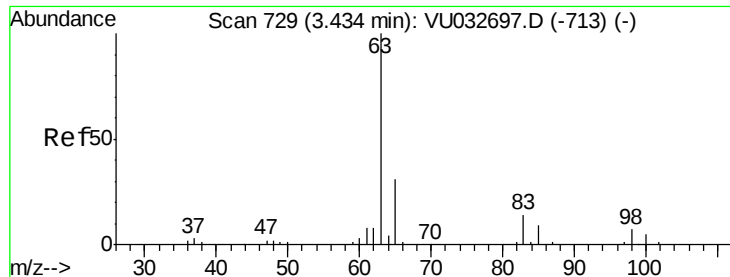
200

100

0

Time-->

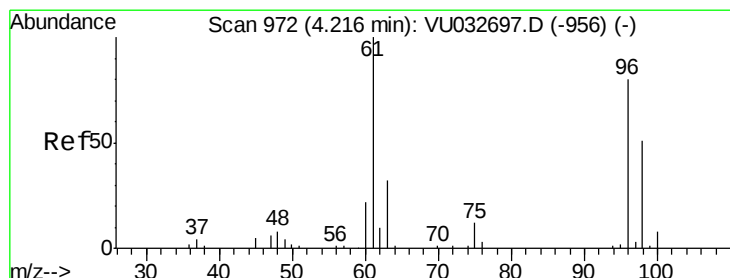
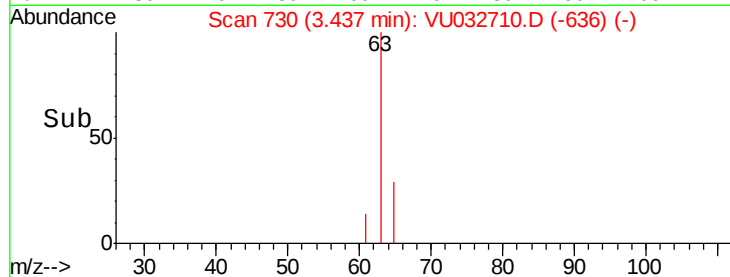
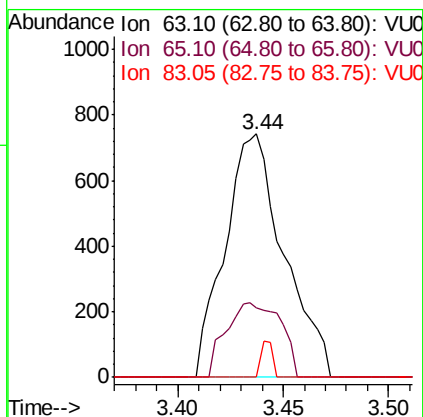
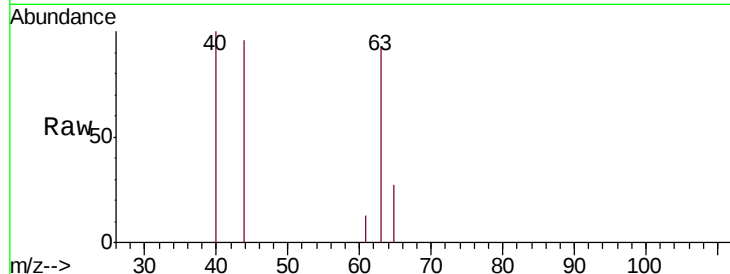




#19
 1,1-Dichloroethane
 Concen: 0.130 ug/L
 RT: 3.44 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: VU032710.D
 Acq: 13 Jun 2019 21:46

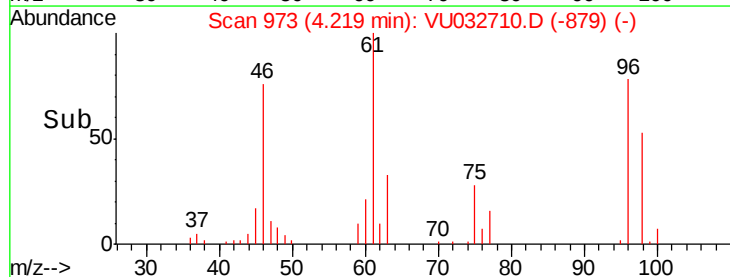
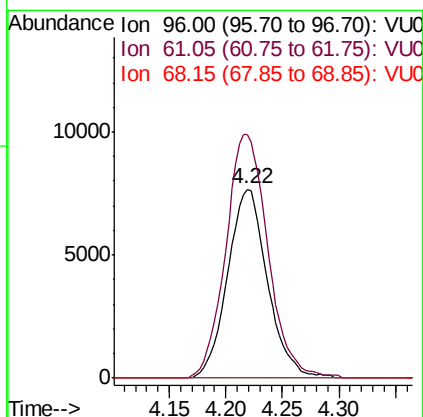
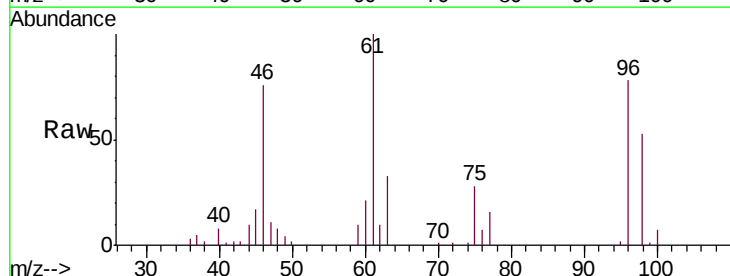
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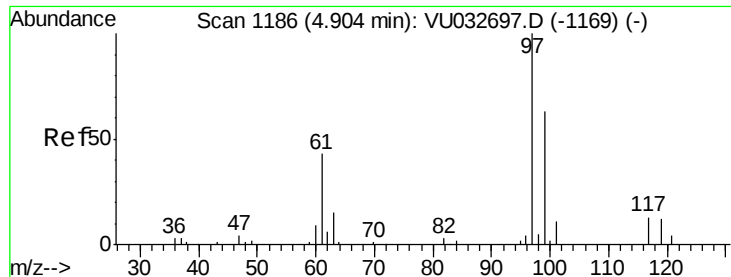
Tgt Ion: 63 Resp: 1440
 Ion Ratio Lower Upper
 63 100
 65 28.7 21.3 39.6
 83 0.0 10.1 18.7#



#22
 cis-1,2-Dichloroethene
 Concen: 2.691 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU032710.D
 Acq: 13 Jun 2019 21:46

Tgt Ion: 96 Resp: 18856
 Ion Ratio Lower Upper
 96 100
 61 128.9 86.6 160.8
 68 0.0 0.0 0.0

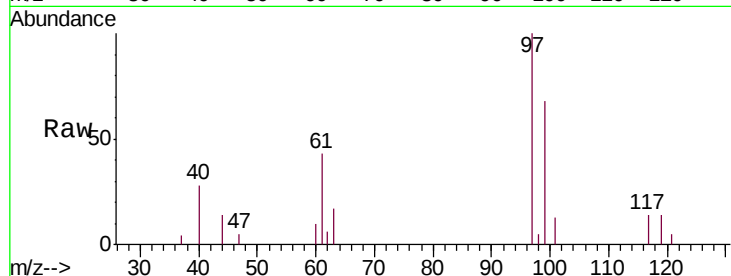




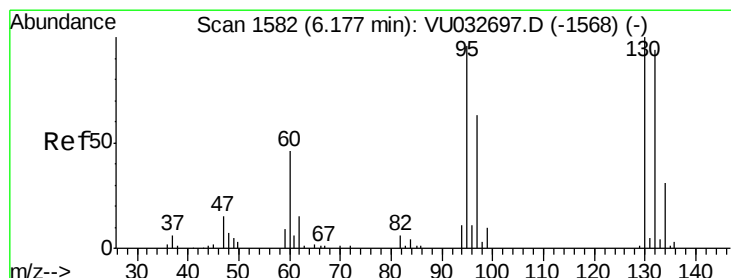
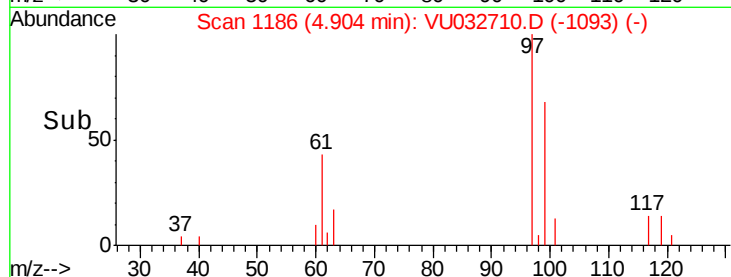
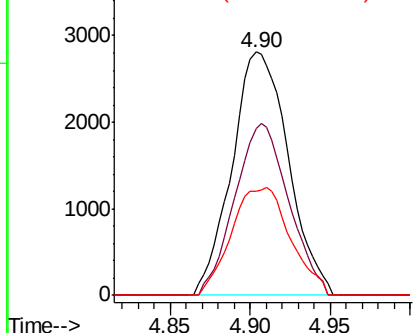
#29
 1,1,1-Trichloroethane
 Concen: 0.655 ug/L
 RT: 4.90 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: VU032710.D
 Acq: 13 Jun 2019 21:46

Instrument :
 MSVOA_U
 ClientSampleId :
 COM31

Tgt Ion: 97 Resp: 6784
 Ion Ratio Lower Upper
 97 100
 99 67.5 51.8 77.6
 61 46.5 34.7 52.1

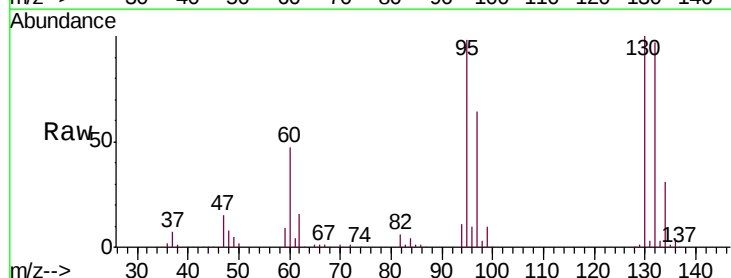


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

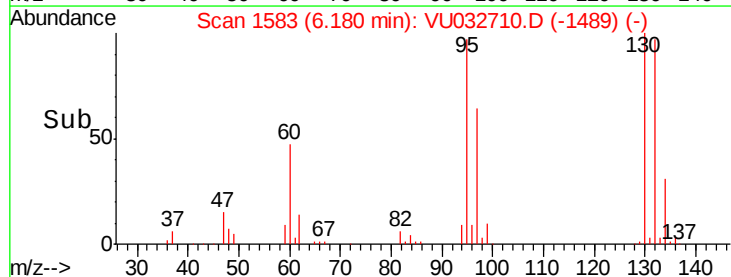
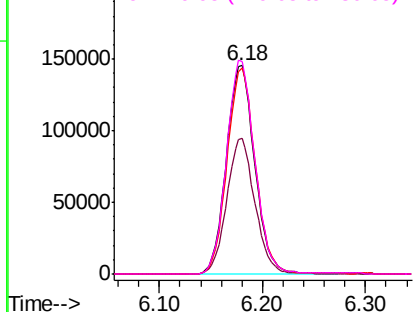


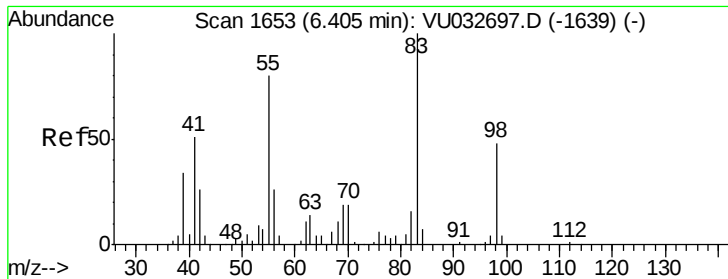
#34
 Trichloroethene
 Concen: 38.928 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU032710.D
 Acq: 13 Jun 2019 21:46

Tgt Ion: 95 Resp: 280588
 Ion Ratio Lower Upper
 95 100
 97 65.2 44.1 81.9
 132 98.8 68.8 127.8
 130 102.3 71.0 131.8



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

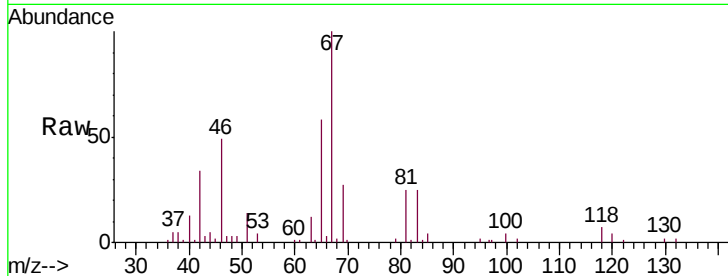




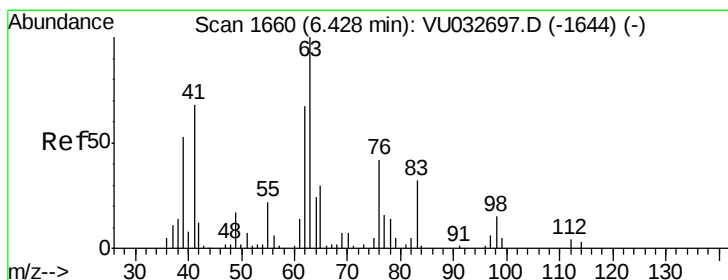
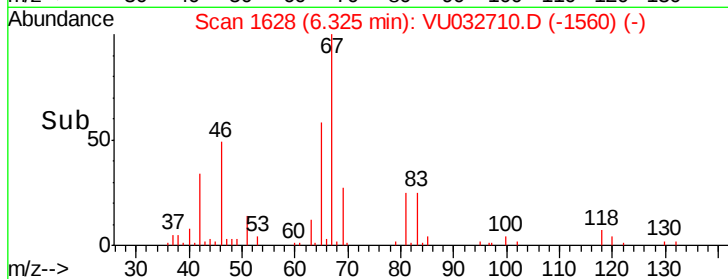
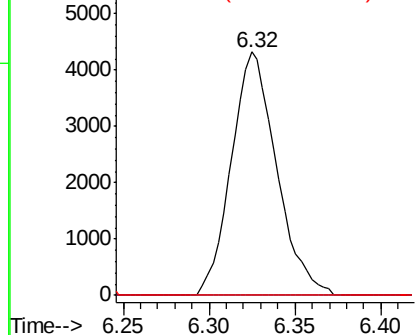
#35
Methylcyclohexane
Concen: 0.681 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032710.D
Acq: 13 Jun 2019 21:46

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Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.0	90.0#
98	0.0	37.8	56.8#

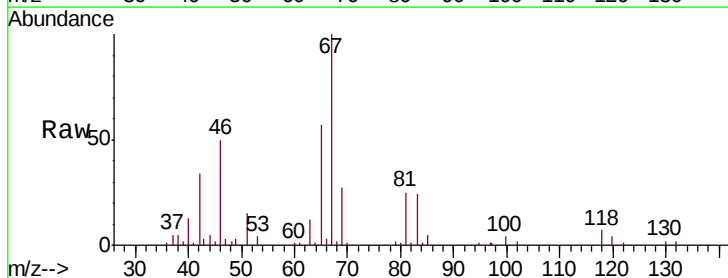


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

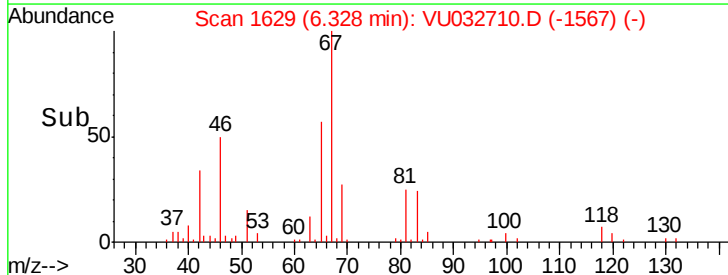
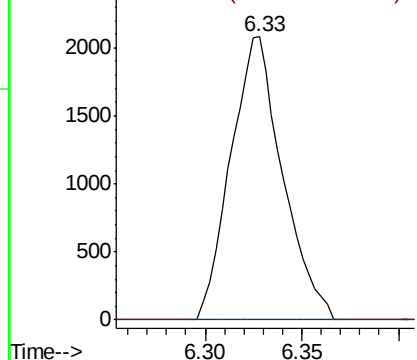


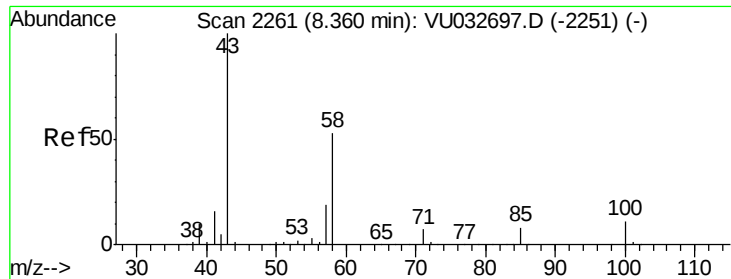
#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032710.D
Acq: 13 Jun 2019 21:46

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



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 2.706 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU032710.D

Acq: 13 Jun 2019 21:46

Instrument :

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ClientSampleId :

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Tgt Ion: 43 Resp: 8922

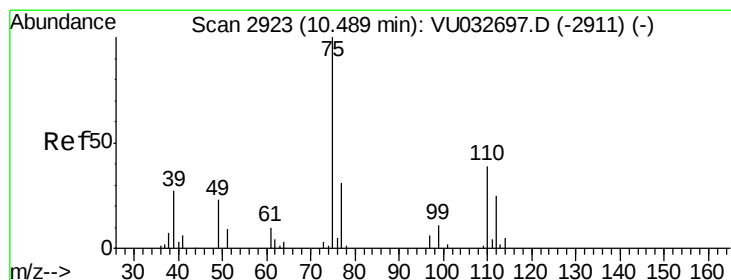
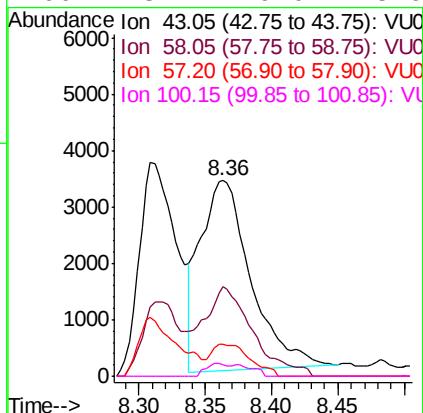
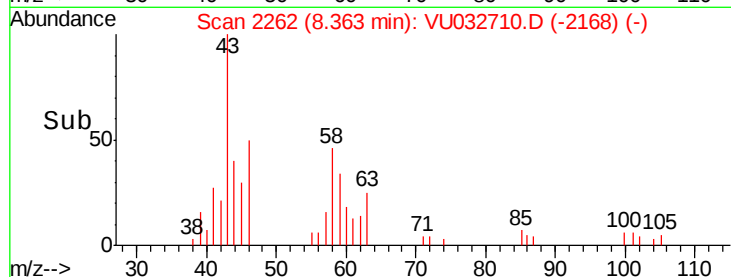
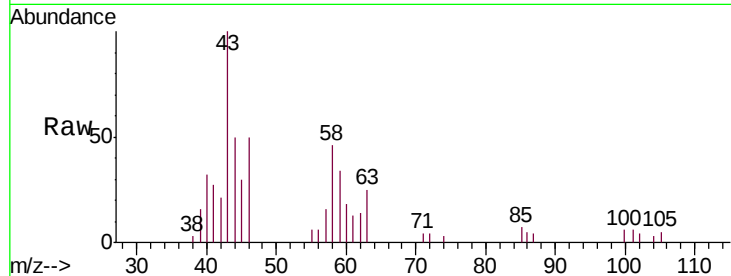
Ion Ratio Lower Upper

43 100

58 45.9 41.9 62.9

57 12.8 15.1 22.7#

100 3.1 9.0 13.6#



#59

1,2,3-Trichloropropane

Concen: 1.180 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032710.D

Acq: 13 Jun 2019 21:46

Tgt Ion: 75 Resp: 5024

Ion Ratio Lower Upper

75 100

77 36.9 25.3 37.9

