

Data File : VU032704.D
Acq On : 13 Jun 2019 19:17
Operator : JC/SP
Sample : K3364-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM26

Quant Time: Jun 14 07:42:00 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	89698	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	84770	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	39888	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26367	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.68	69	22590	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.27	63	50256	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	4.19	46	85947	52.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.62%
24) Chloroform-d	4.64	84	53506	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.31	65	30369	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	5.33	84	103792	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.32	67	33584	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.56	98	91531	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.85	79	12122	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.31	63	56367	40.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	25868	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	36411	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

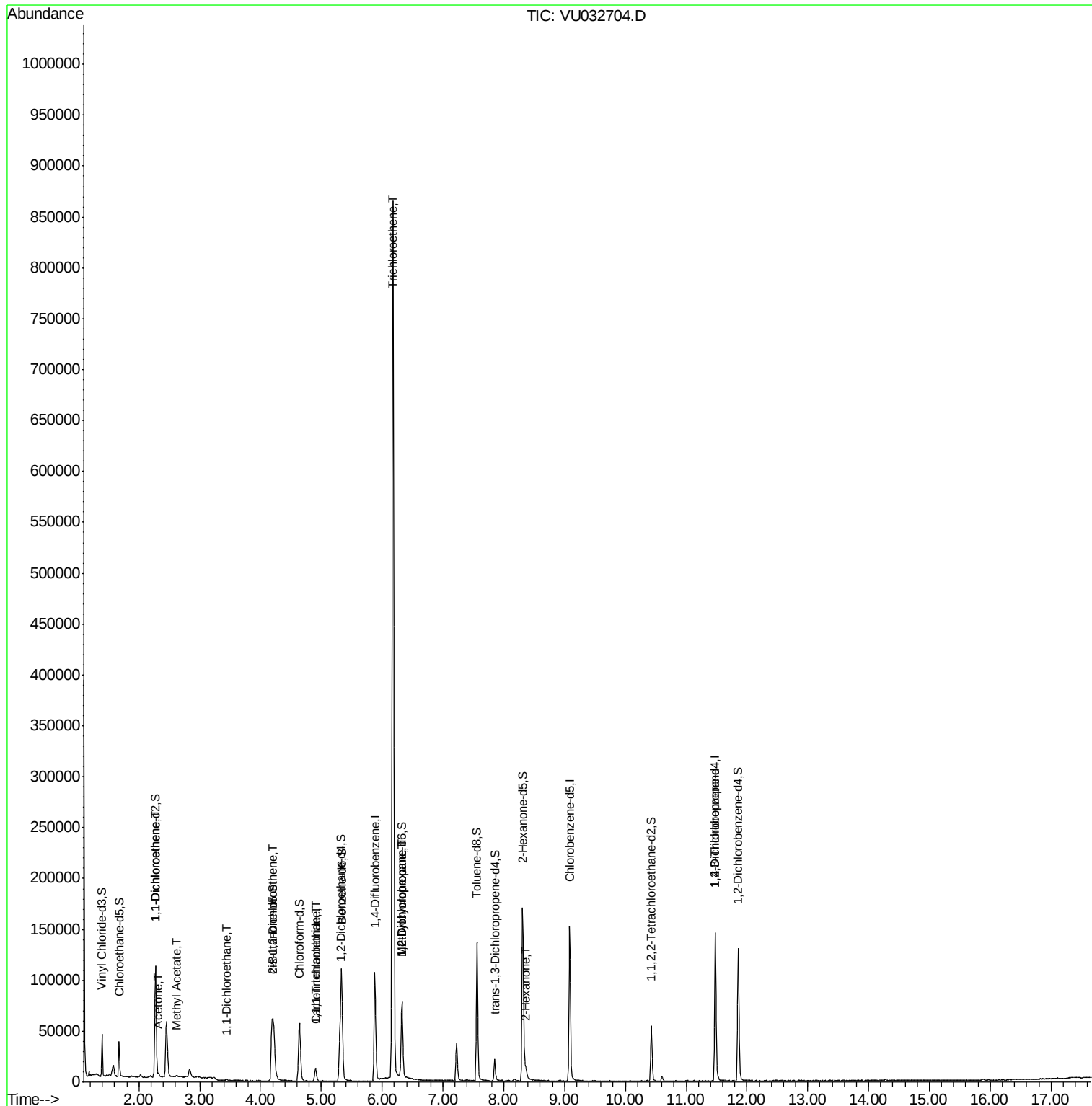
						Qvalue
12) 1,1-Dichloroethene	2.28	96	17226	3.023	ug/L #	71
13) Acetone	2.32	43	3407	2.697	ug/L	97
15) Methyl Acetate	2.61	43	1334	0.385	ug/L #	64
19) 1,1-Dichloroethane	3.43	63	1548	0.141	ug/L #	87
22) cis-1,2-Dichloroethene	4.22	96	19907	2.861	ug/L	92
29) 1,1,1-Trichloroethane	4.91	97	8960	0.867	ug/L	97
31) Carbon tetrachloride	4.91	117	1160	0.124	ug/L	92
34) Trichloroethene	6.18	95	283750	39.470	ug/L	99
35) Methylcyclohexane	6.32	83	7755	0.671	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	3870	0.598	ug/L #	89
48) 2-Hexanone	8.37	43	6151	1.870	ug/L #	83
59) 1,2,3-Trichloropropane	11.48	75	5285	1.245	ug/L	93

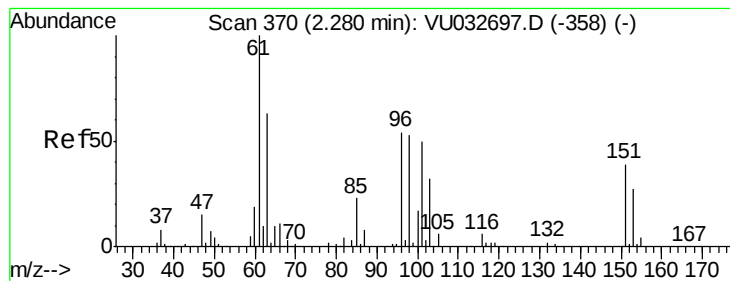
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.023 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU032704.D

Acq: 13 Jun 2019 19:17

Instrument :

MSVOA_U

ClientSampleId :

COM26

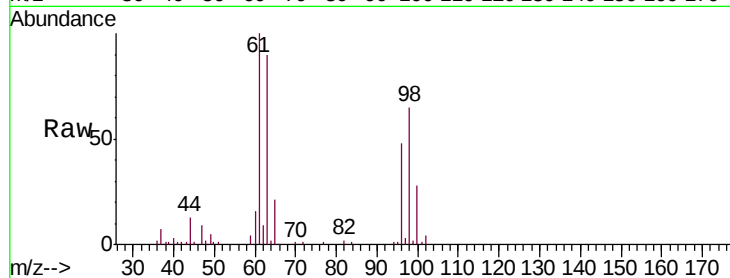
Tgt Ion: 96 Resp: 17226

Ion Ratio Lower Upper

96 100

61 208.4 131.8 244.8

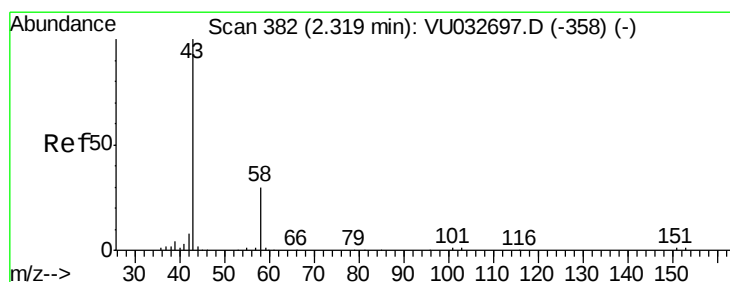
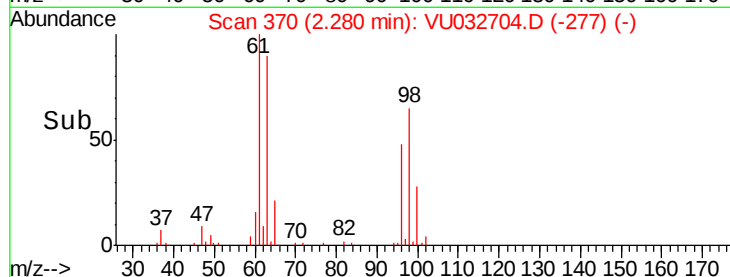
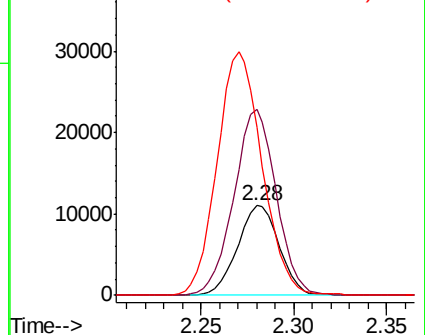
63 187.3 90.1 167.3#



Abundance Ion 96.00 (95.70 to 96.70): VU032704.D (-277) (-)

Ion 61.05 (60.75 to 61.75): VU032704.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU032704.D (-277) (-)



#13

Acetone

Concen: 2.697 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU032704.D

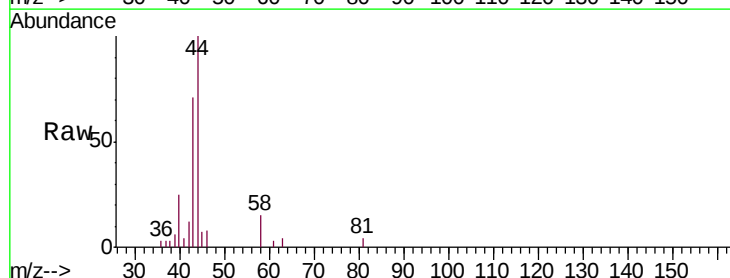
Acq: 13 Jun 2019 19:17

Tgt Ion: 43 Resp: 3407

Ion Ratio Lower Upper

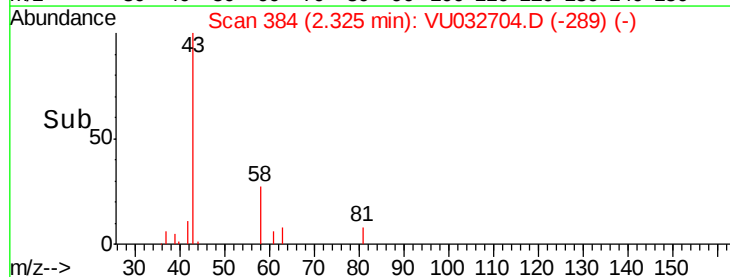
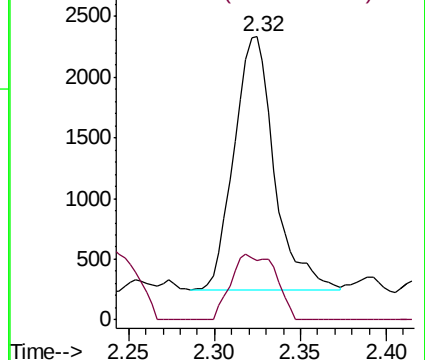
43 100

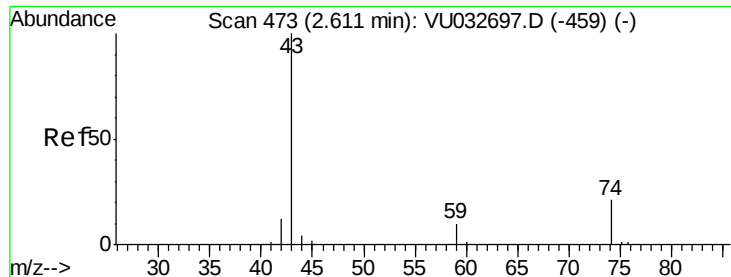
58 28.7 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032704.D (-289) (-)

Ion 58.05 (57.75 to 58.75): VU032704.D (-289) (-)

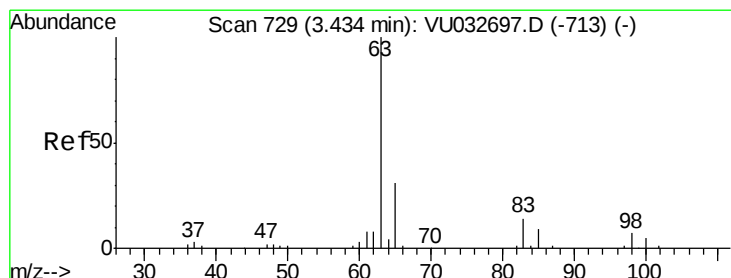
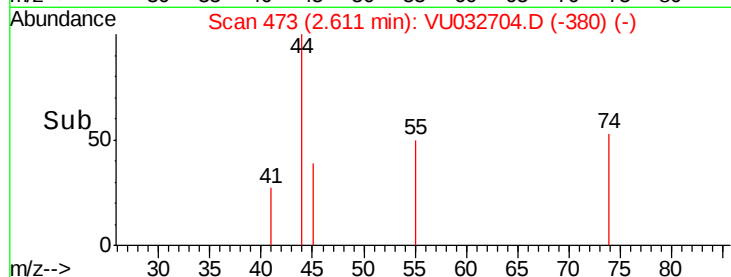
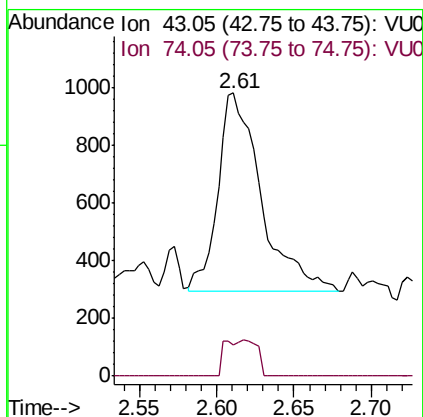
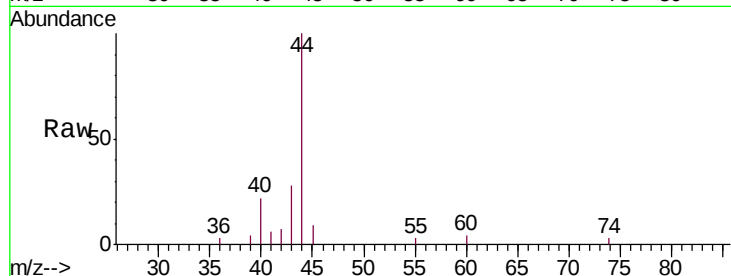




#15
Methyl Acetate
Concen: 0.385 ug/L
RT: 2.61 min Scan# 473
Delta R.T. -0.00 min
Lab File: VU032704.D
Acq: 13 Jun 2019 19:17

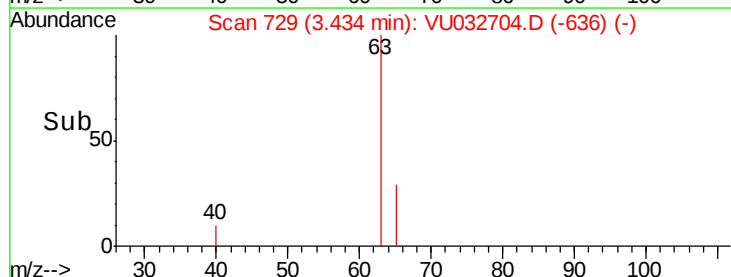
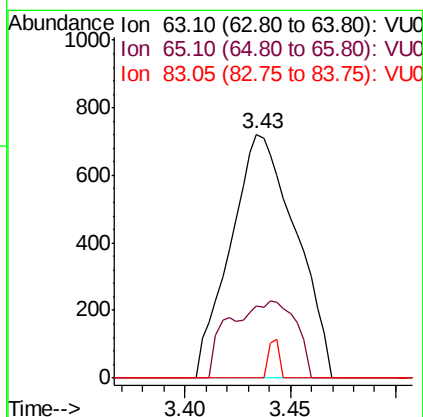
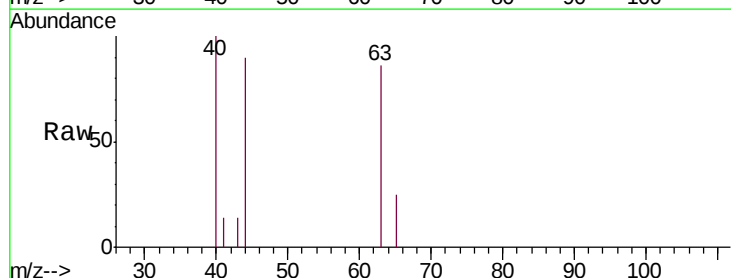
Instrument :
MSVOA_U
ClientSampled :
COM26

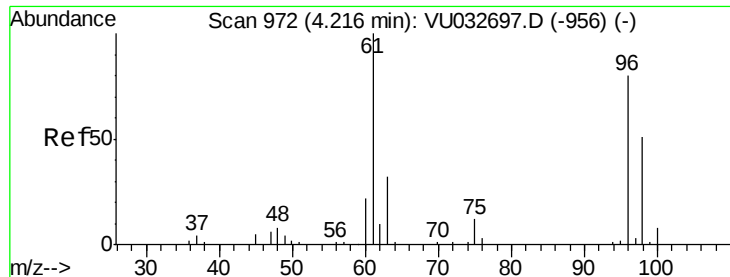
Tgt Ion: 43 Resp: 1334
Ion Ratio Lower Upper
43 100
74 5.1 17.8 26.8#



#19
1,1-Dichloroethane
Concen: 0.141 ug/L
RT: 3.43 min Scan# 729
Delta R.T. -0.00 min
Lab File: VU032704.D
Acq: 13 Jun 2019 19:17

Tgt Ion: 63 Resp: 1548
Ion Ratio Lower Upper
63 100
65 29.4 21.3 39.6
83 0.0 10.1 18.7#



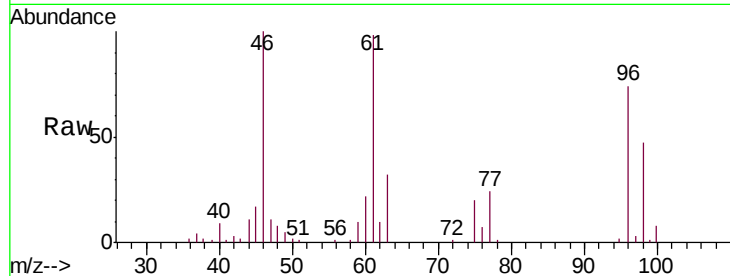


#22

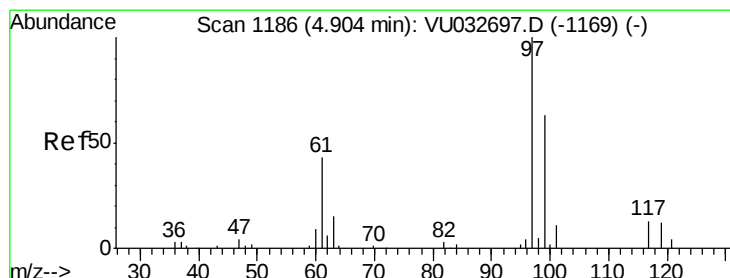
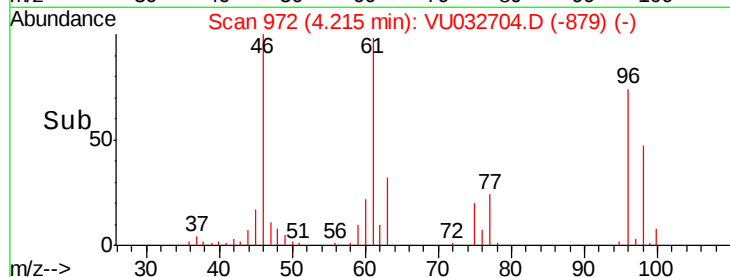
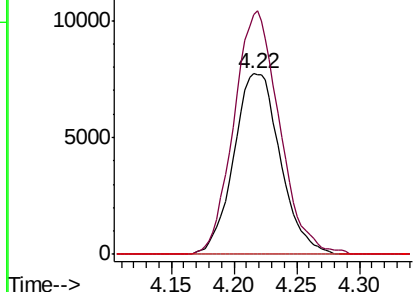
cis-1,2-Dichloroethene
 Concen: 2.861 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VU032704.D
 Acq: 13 Jun 2019 19:17

Instrument :
 MSVOA_U
 ClientSampled :
 COM26

Tgt Ion: 96 Resp: 19907
 Ion Ratio Lower Upper
 96 100
 61 133.0 86.6 160.8
 68 0.0 0.0 0.0



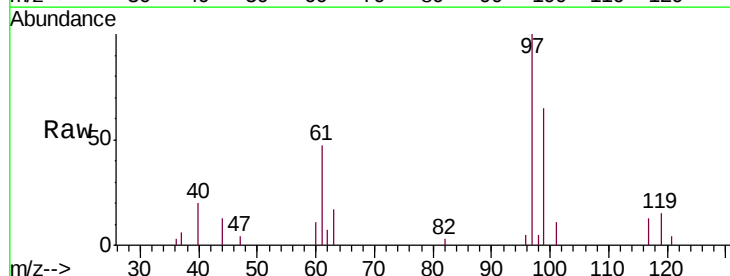
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



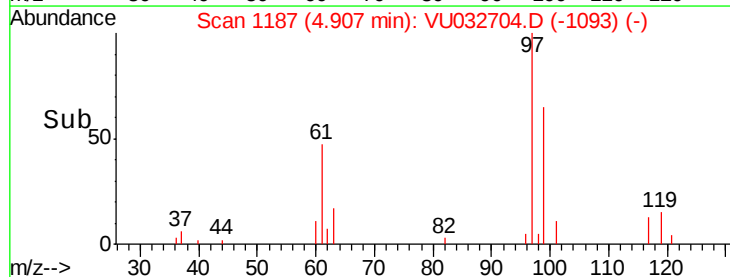
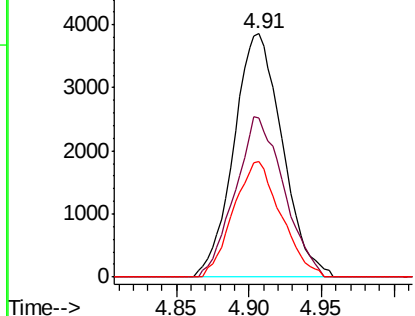
#29

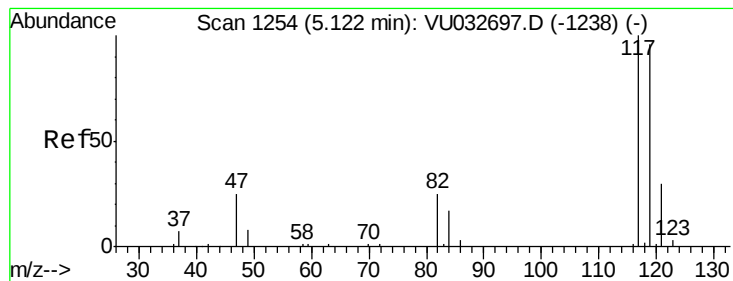
1,1,1-Trichloroethane
 Concen: 0.867 ug/L
 RT: 4.91 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: VU032704.D
 Acq: 13 Jun 2019 19:17

Tgt Ion: 97 Resp: 8960
 Ion Ratio Lower Upper
 97 100
 99 66.1 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





#31

Carbon tetrachloride

Concen: 0.124 ug/L

RT: 4.91 min Scan# 1188

Delta R.T. -0.21 min

Lab File: VU032704.D

Acq: 13 Jun 2019 19:17

Instrument :

MSVOA_U

ClientSampleId :

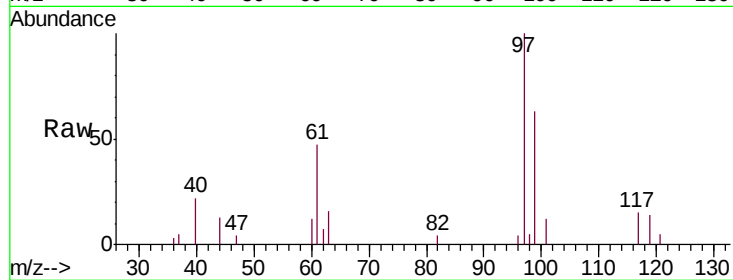
COM26

Tgt Ion: 117 Resp: 1160

Ion Ratio Lower Upper

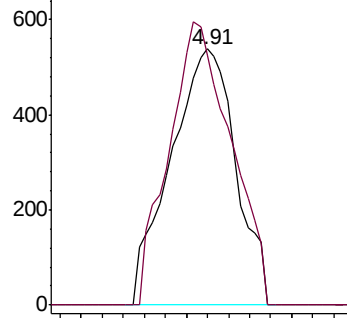
117 100

119 105.3 77.8 116.6

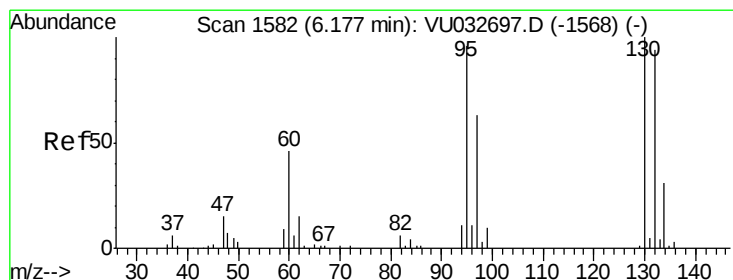
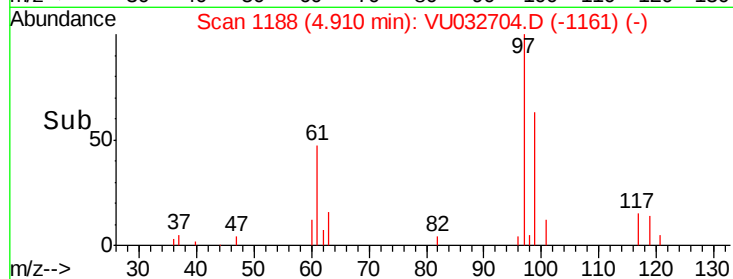


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



Time-->



#34

Trichloroethene

Concen: 39.470 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU032704.D

Acq: 13 Jun 2019 19:17

Tgt Ion: 95 Resp: 283750

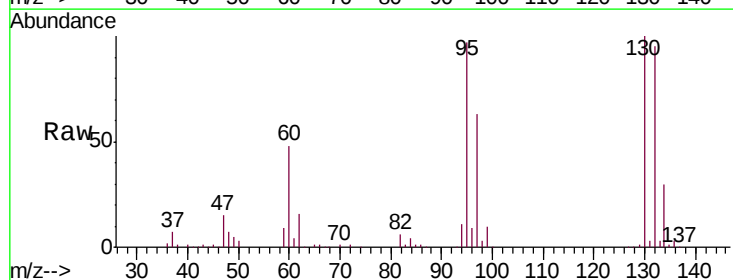
Ion Ratio Lower Upper

95 100

97 64.9 44.1 81.9

132 97.6 68.8 127.8

130 102.7 71.0 131.8

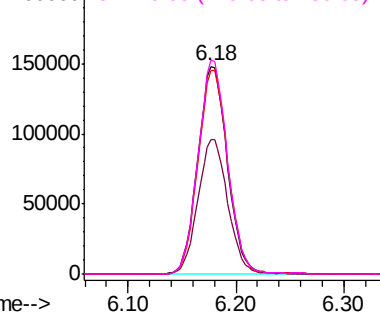


Abundance Ion 95.00 (94.70 to 95.70): VU0

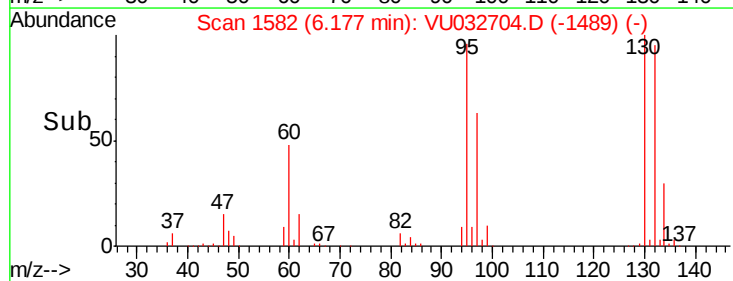
Ion 96.95 (96.65 to 97.65): VU0

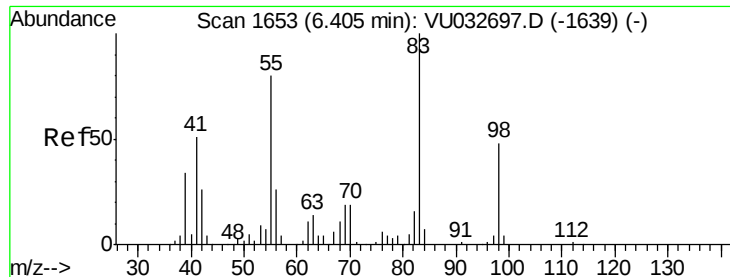
Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



Time-->





#35

Methylcyclohexane

Concen: 0.671 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032704.D

Acq: 13 Jun 2019 19:17

Instrument :

MSVOA_U

ClientSampled :

COM26

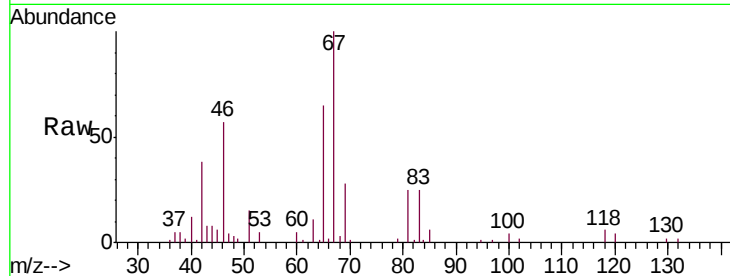
Tgt Ion: 83 Resp: 7755

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

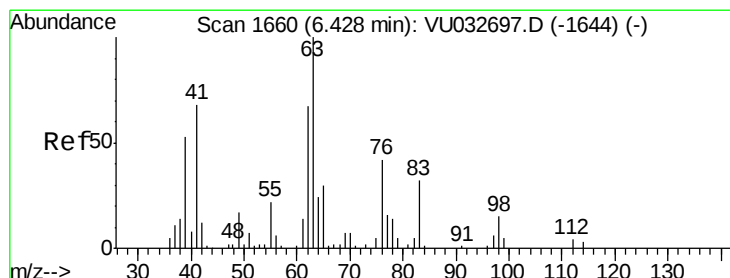
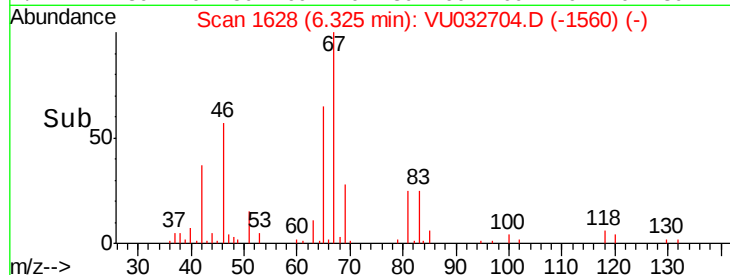
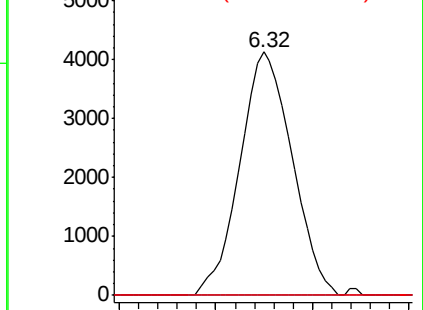
98 0.0 37.8 56.8#



Abundance Ion 83.15 (82.85 to 83.85): VU032704.D (-1560) (-)

Ion 55.10 (54.80 to 55.80): VU032704.D (-1560) (-)

Ion 98.15 (97.85 to 98.85): VU032704.D (-1560) (-)



#37

1,2-Dichloropropane

Concen: 0.598 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032704.D

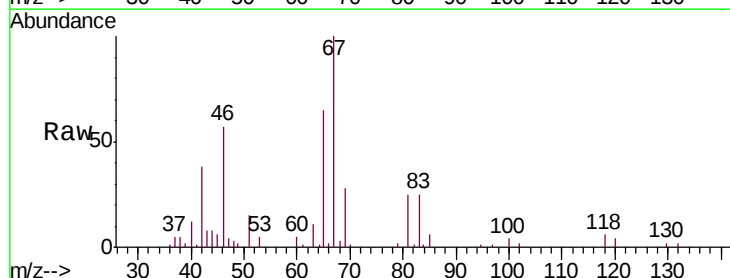
Acq: 13 Jun 2019 19:17

Tgt Ion: 63 Resp: 3870

Ion Ratio Lower Upper

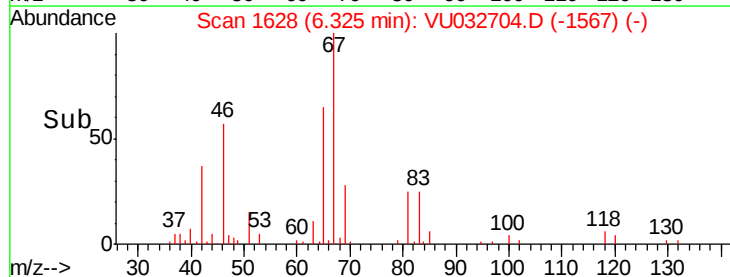
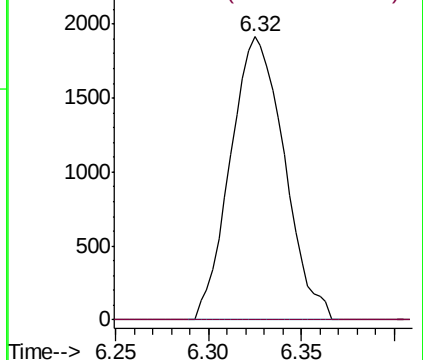
63 100

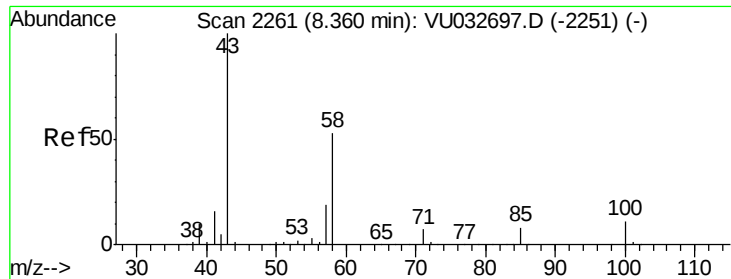
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU032704.D (-1567) (-)

Ion 112.10 (111.80 to 112.80): VU032704.D (-1567) (-)

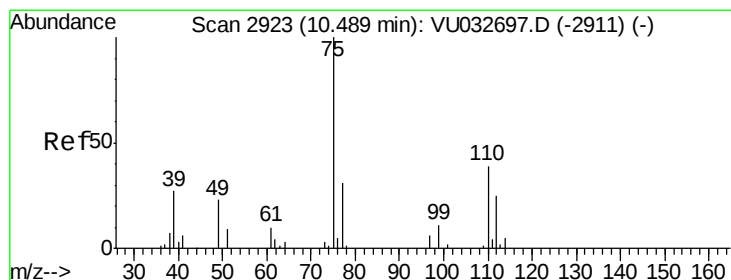
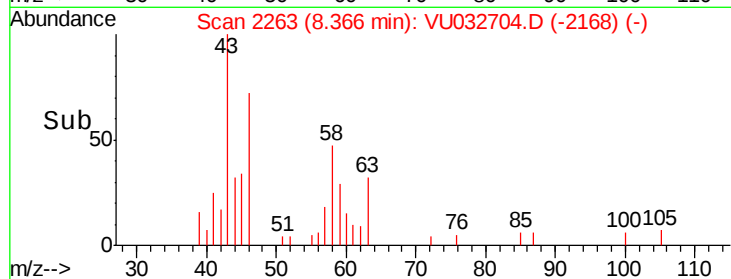
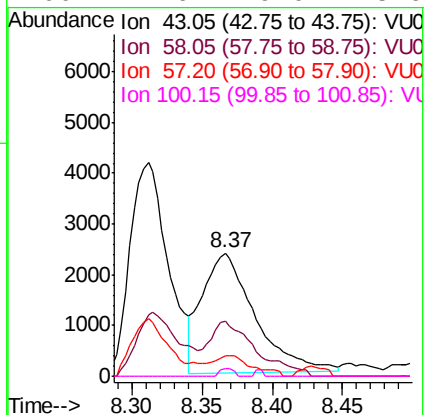
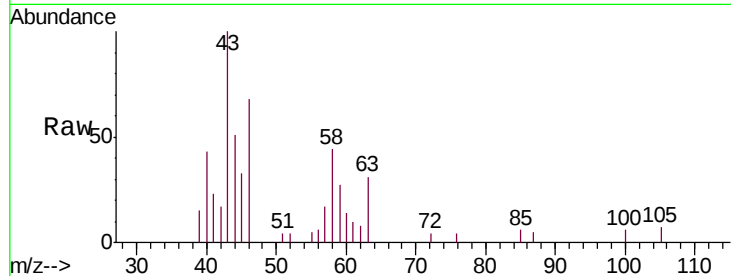




#48
2-Hexanone
Concen: 1.870 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU032704.D
Acq: 13 Jun 2019 19:17

Instrument :
MSVOA_U
ClientSampleId :
COM26

Tgt Ion: 43 Resp: 6151
Ion Ratio Lower Upper
43 100
58 40.8 41.9 62.9#
57 12.6 15.1 22.7#
100 1.6 9.0 13.6#



#59
1,2,3-Trichloropropane
Concen: 1.245 ug/L
RT: 11.48 min Scan# 3230
Delta R.T. 0.99 min
Lab File: VU032704.D
Acq: 13 Jun 2019 19:17

Tgt Ion: 75 Resp: 5285
Ion Ratio Lower Upper
75 100
77 35.6 25.3 37.9

