

Data File : VU032705.D
Acq On : 13 Jun 2019 19:42
Operator : JC/SP
Sample : K3364-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM27

Quant Time: Jun 14 07:42:10 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	96929	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	92029	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	44021	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	28796	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.68	69	26695	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.27	63	45390	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.19	46	97808	55.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.22%
24) Chloroform-d	4.64	84	58950	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.31	65	33534	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
32) Benzene-d6	5.33	84	115258	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.33	67	37413	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.56	98	101581	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.85	79	13637	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.31	63	62198	41.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	28281	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	41879	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

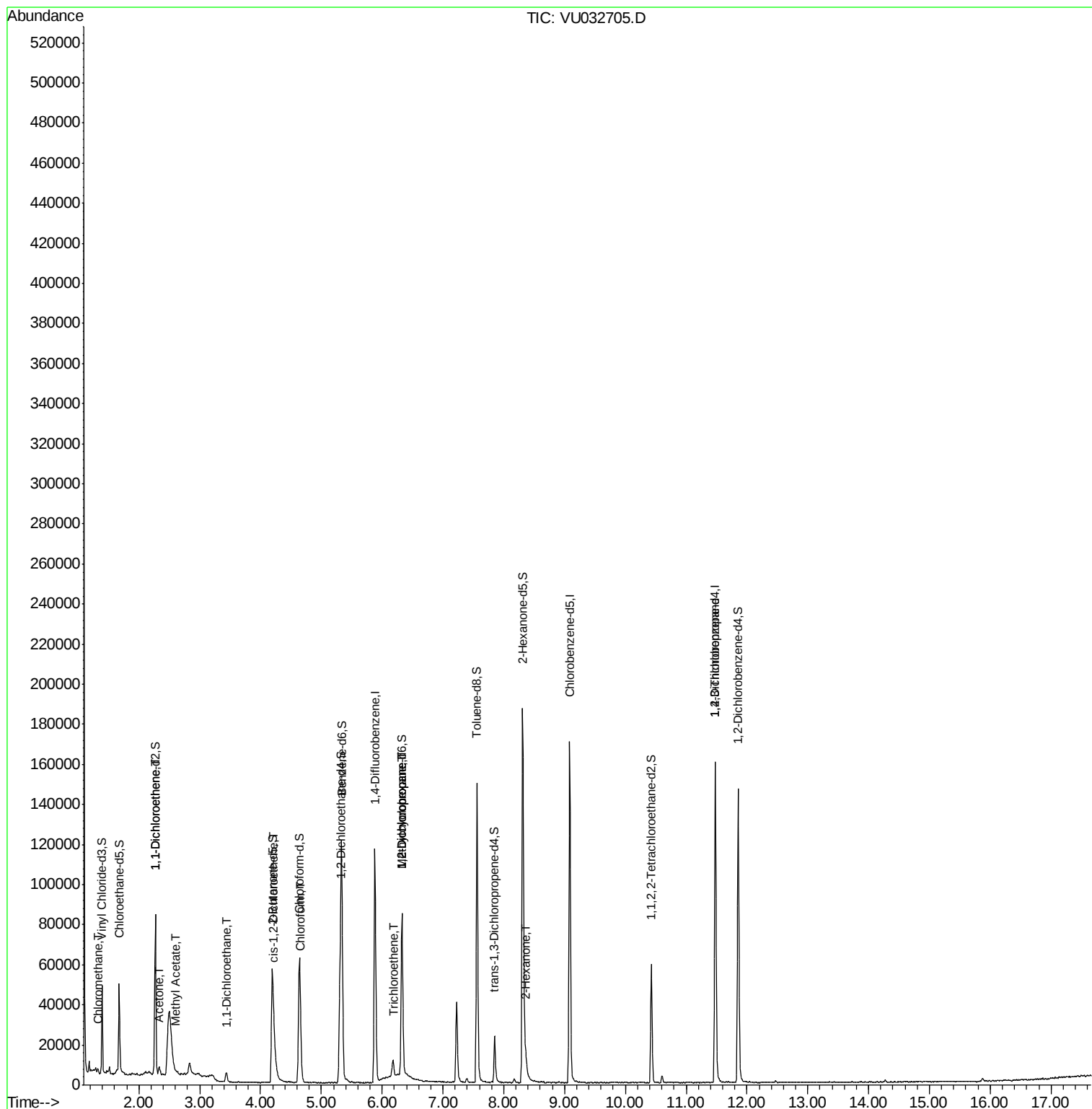
					Qvalue
3) Chloromethane	1.32	50	1153	0.134 ug/L	93
12) 1,1-Dichloroethene	2.27	96	688	0.112 ug/L #	1
13) Acetone	2.33	43	3791	2.777 ug/L	98
15) Methyl Acetate	2.62	43	1279	0.341 ug/L #	74
19) 1,1-Dichloroethane	3.43	63	5315	0.447 ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	1519	0.202 ug/L	79
25) Chloroform	4.67	83	4788	0.394 ug/L	92
34) Trichloroethene	6.18	95	1857	0.238 ug/L	93
35) Methylcyclohexane	6.33	83	8812	0.702 ug/L #	24
37) 1,2-Dichloropropane	6.32	63	4431	0.631 ug/L #	89
48) 2-Hexanone	8.36	43	6407	1.795 ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	5429	1.178 ug/L	90

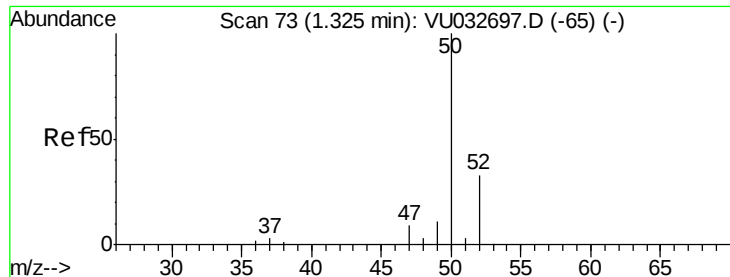
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.134 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032705.D

Acq: 13 Jun 2019 19:42

Instrument :

MSVOA_U

ClientSampleId :

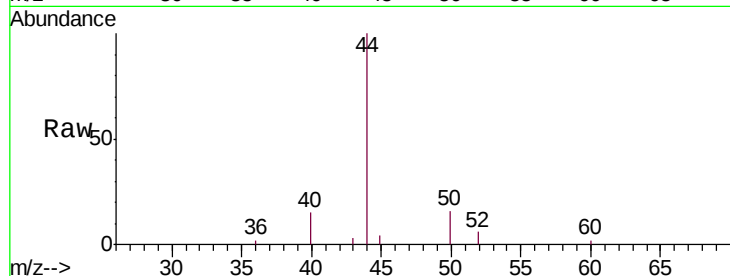
COM27

Tgt Ion: 50 Resp: 1153

Ion Ratio Lower Upper

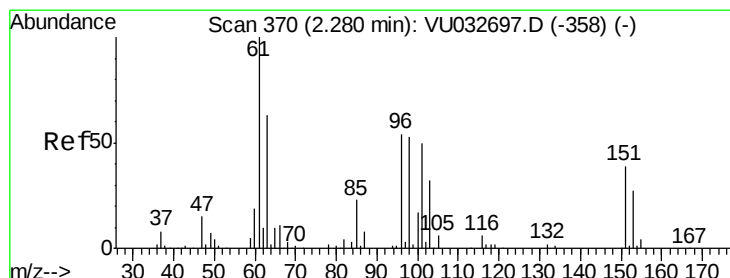
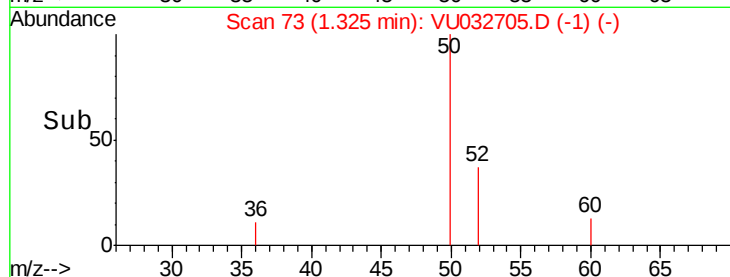
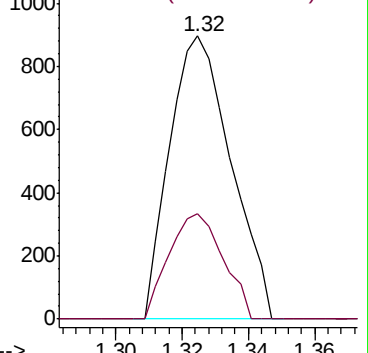
50 100

52 37.4 23.2 43.2



Abundance Ion 50.05 (49.75 to 50.75): VU032697.D (-65) (-)

Ion 52.05 (51.75 to 52.75): VU032697.D (-65) (-)



#12

1,1-Dichloroethene

Concen: 0.112 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032705.D

Acq: 13 Jun 2019 19:42

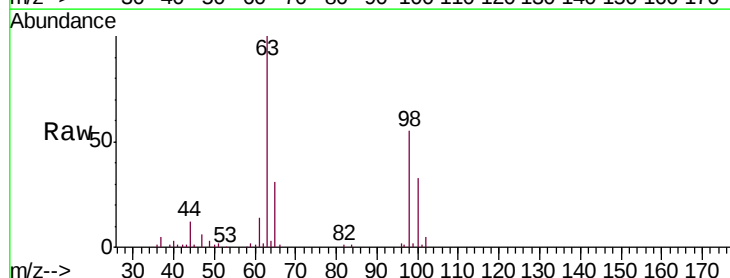
Tgt Ion: 96 Resp: 688

Ion Ratio Lower Upper

96 100

61 901.9 131.8 244.8#

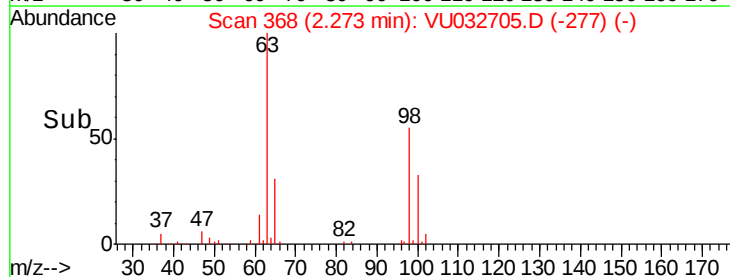
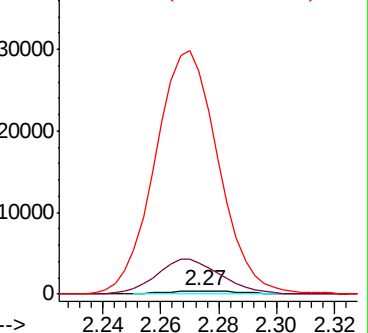
63 6456.7 90.1 167.3#

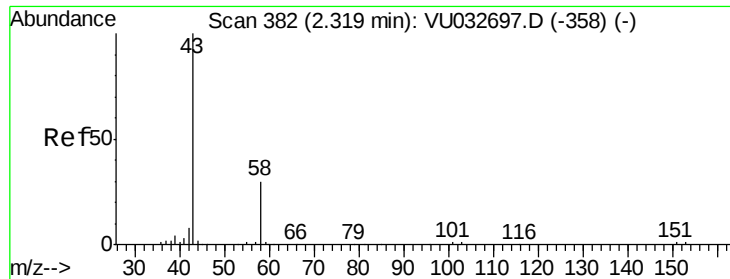


Abundance Ion 96.00 (95.70 to 96.70): VU032697.D (-358) (-)

Ion 61.05 (60.75 to 61.75): VU032697.D (-358) (-)

Ion 63.00 (62.70 to 63.70): VU032697.D (-358) (-)





#13

Acetone

Concen: 2.777 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.02 min

Lab File: VU032705.D

Acq: 13 Jun 2019 19:42

Instrument :

MSVOA_U

ClientSampleId :

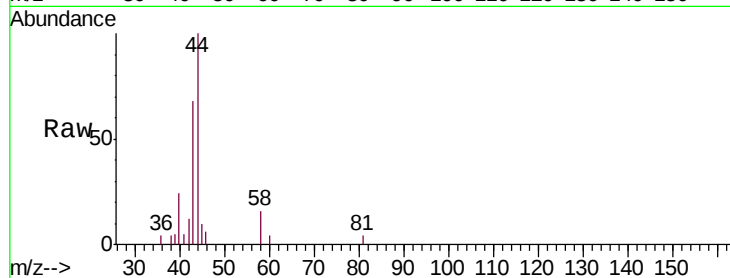
COM27

Tgt Ion: 43 Resp: 3791

Ion Ratio Lower Upper

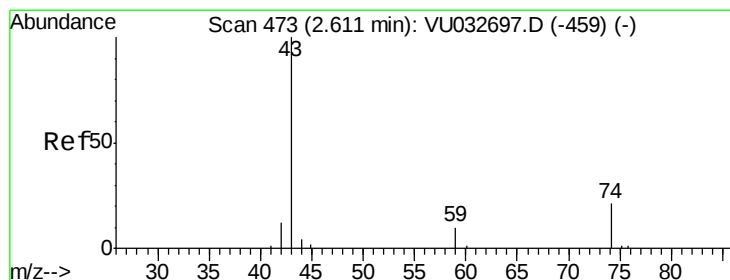
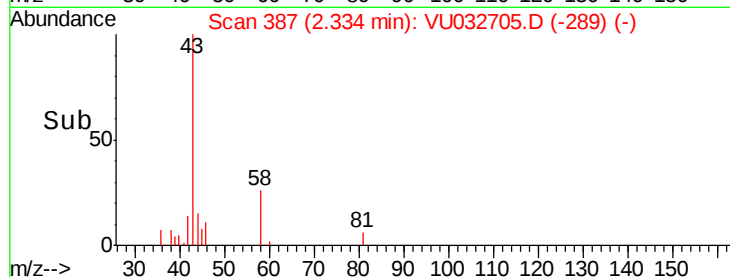
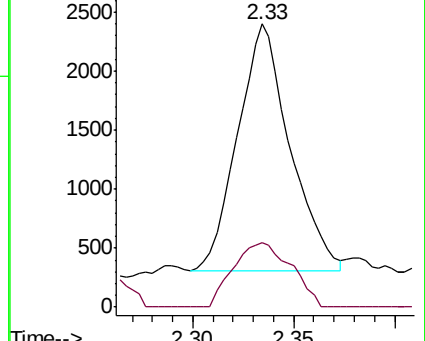
43 100

58 29.0 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032697.D (-358) (-)

Ion 58.05 (57.75 to 58.75): VU032697.D (-358) (-)



#15

Methyl Acetate

Concen: 0.341 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.01 min

Lab File: VU032705.D

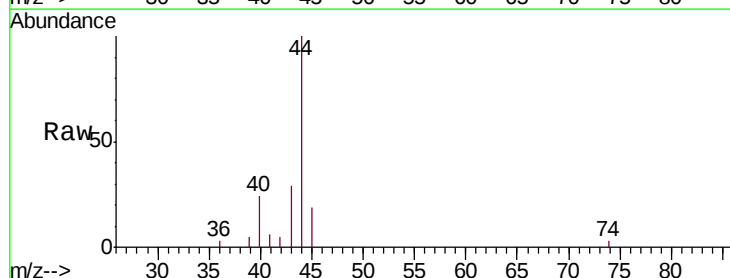
Acq: 13 Jun 2019 19:42

Tgt Ion: 43 Resp: 1279

Ion Ratio Lower Upper

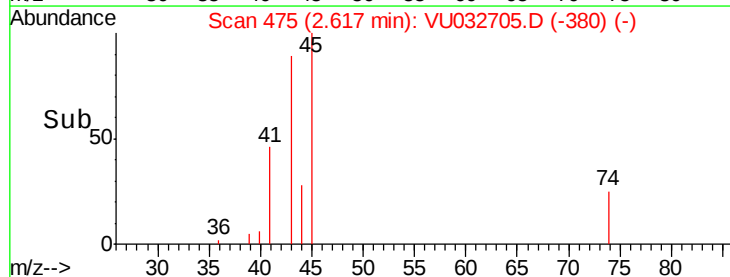
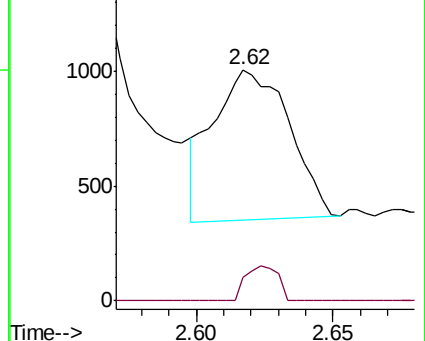
43 100

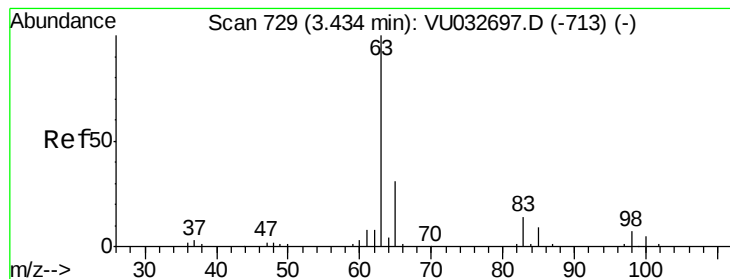
74 9.9 17.8 26.8#



Abundance Ion 43.05 (42.75 to 43.75): VU032697.D (-459) (-)

Ion 74.05 (73.75 to 74.75): VU032697.D (-459) (-)





#19

1,1-Dichloroethane

Concen: 0.447 ug/L

RT: 3.43 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU032705.D

Acq: 13 Jun 2019 19:42

Instrument :

MSVOA_U

ClientSampled :

COM27

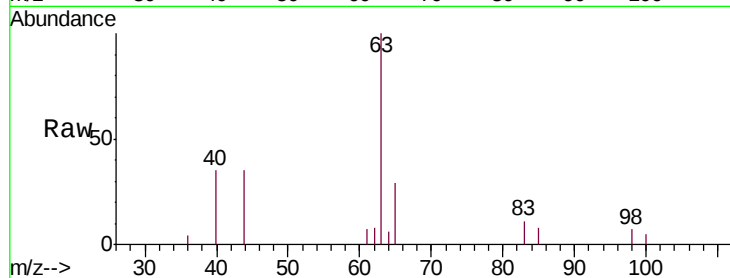
Tgt Ion: 63 Resp: 5315

Ion Ratio Lower Upper

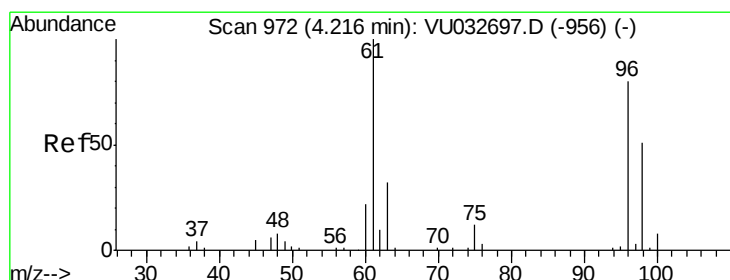
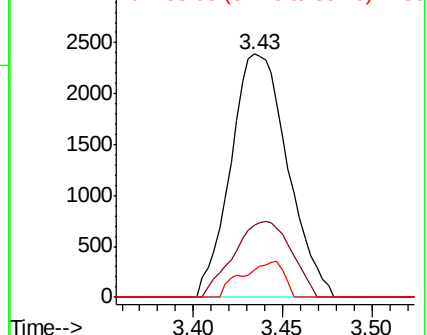
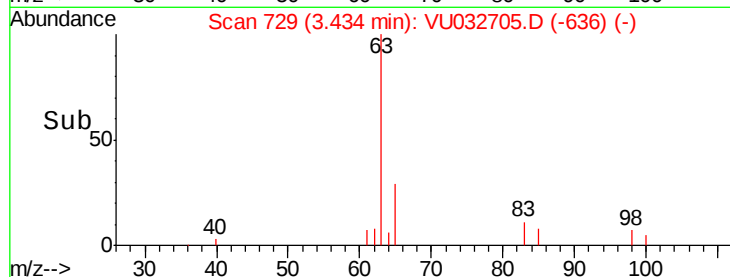
63 100

65 29.4 21.3 39.6

83 11.4 10.1 18.7



Abundance Ion 63.10 (62.80 to 63.80): VU032705.D (-636) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.202 ug/L

RT: 4.22 min Scan# 975

Delta R.T. 0.01 min

Lab File: VU032705.D

Acq: 13 Jun 2019 19:42

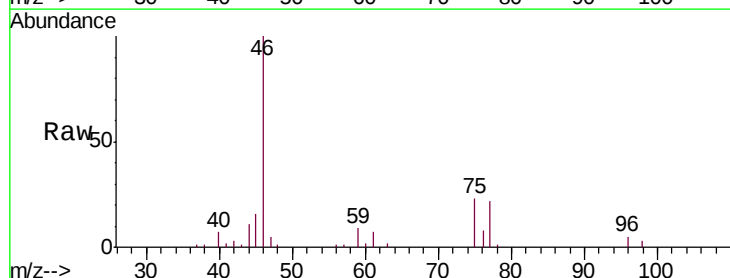
Tgt Ion: 96 Resp: 1519

Ion Ratio Lower Upper

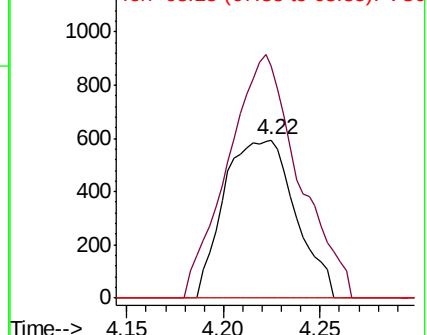
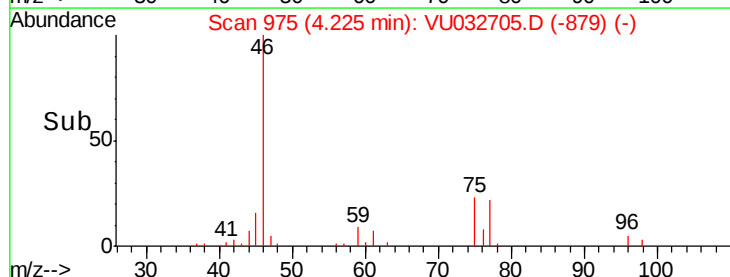
96 100

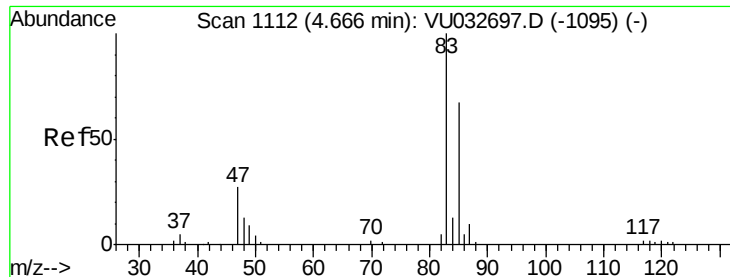
61 147.1 86.6 160.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032705.D (-879) (-)

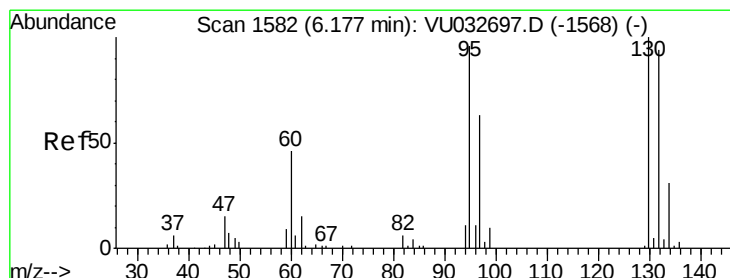
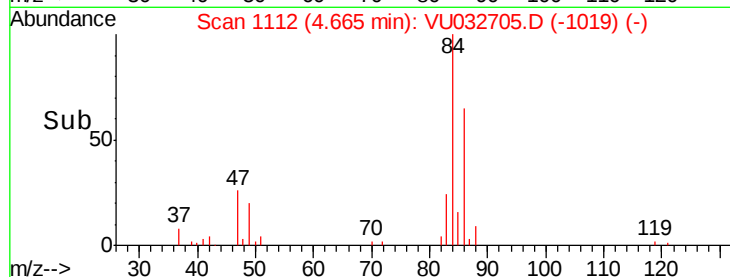
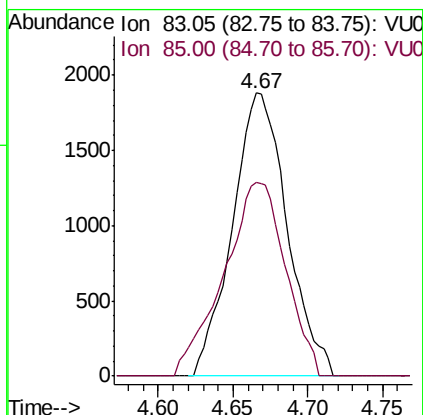
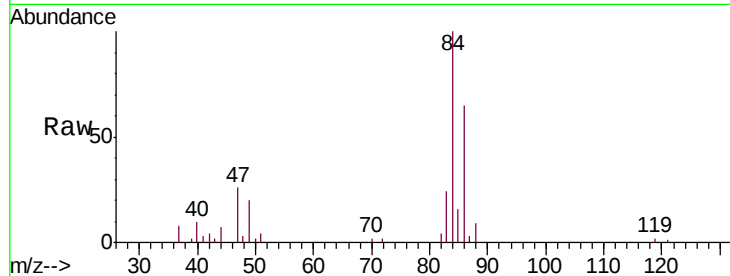




#25
Chloroform
Concen: 0.394 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU032705.D
Acq: 13 Jun 2019 19:42

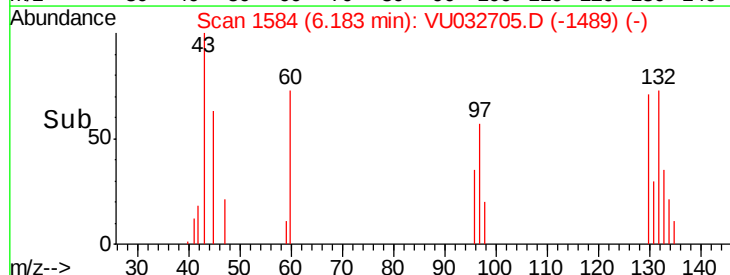
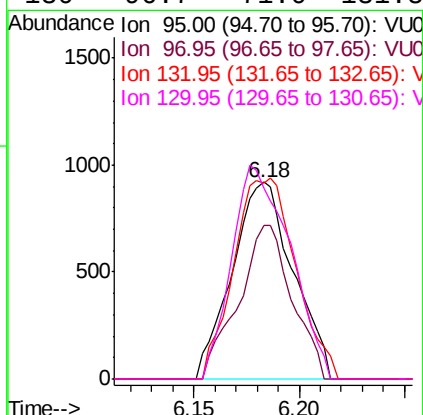
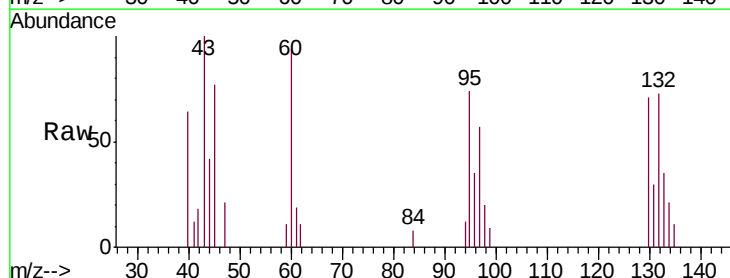
Instrument :
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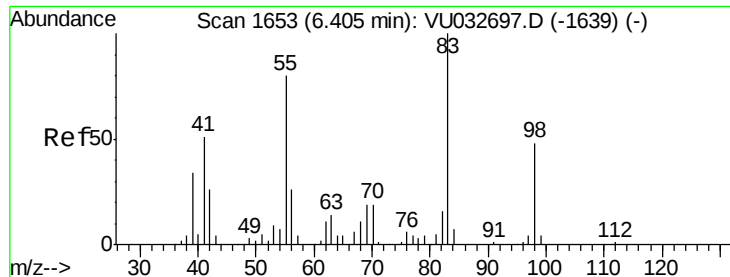
Tgt Ion: 83 Resp: 4788
Ion Ratio Lower Upper
83 100
85 68.6 43.8 81.3



#34
Trichloroethene
Concen: 0.238 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.01 min
Lab File: VU032705.D
Acq: 13 Jun 2019 19:42

Tgt Ion: 95 Resp: 1857
Ion Ratio Lower Upper
95 100
97 78.0 44.1 81.9
132 99.5 68.8 127.8
130 96.7 71.0 131.8

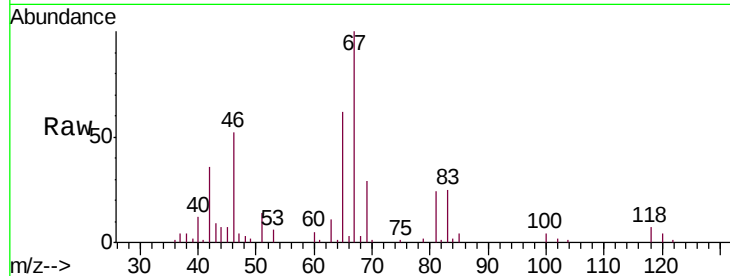




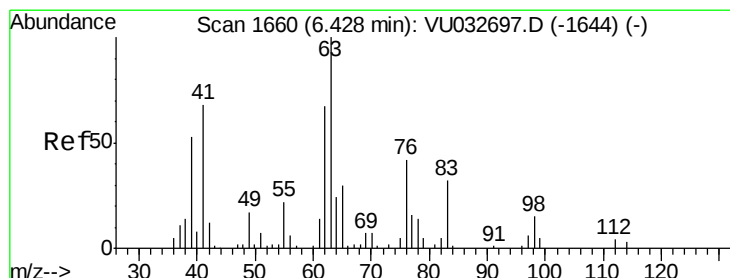
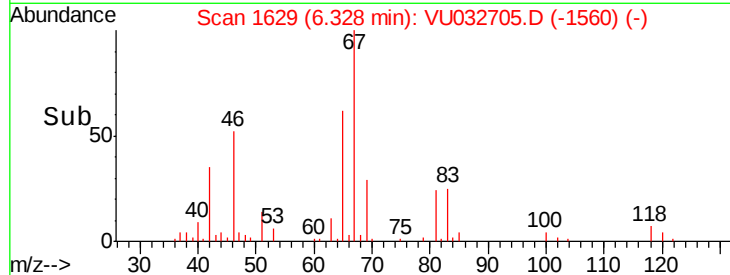
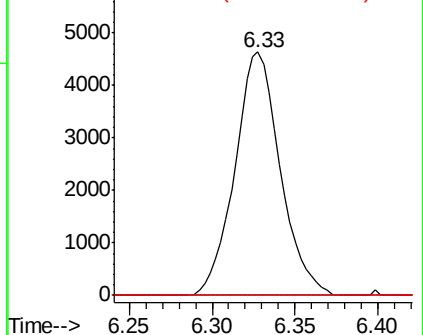
#35
Methylcyclohexane
Concen: 0.702 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032705.D
Acq: 13 Jun 2019 19:42

Instrument :
MSVOA_U
ClientSampleId :
COM27

Tgt Ion: 83 Resp: 8812
Ion Ratio Lower Upper
83 100
55 0.2 60.0 90.0#
98 9.7 37.8 56.8#

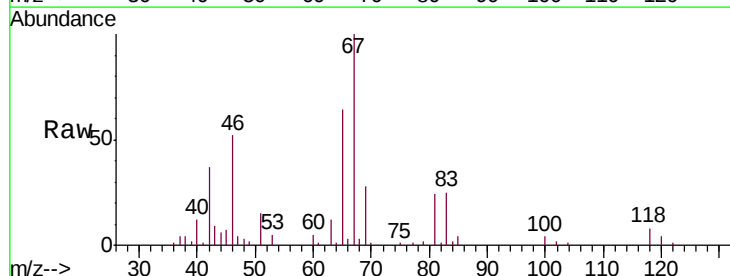


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

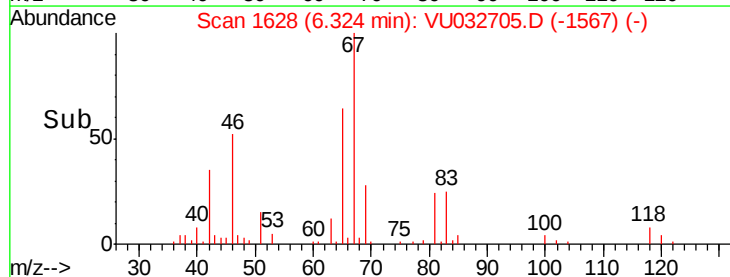
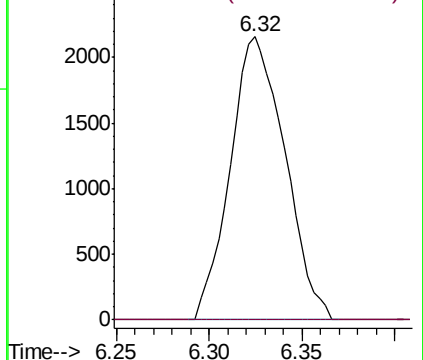


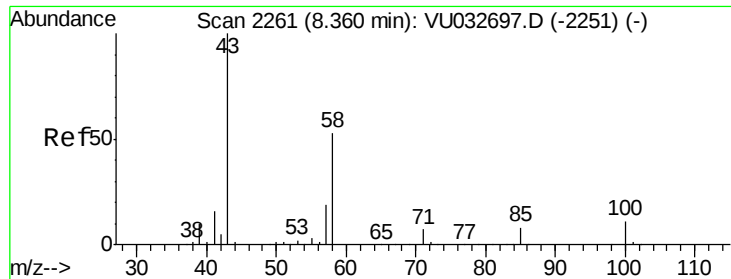
#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032705.D
Acq: 13 Jun 2019 19:42

Tgt Ion: 63 Resp: 4431
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

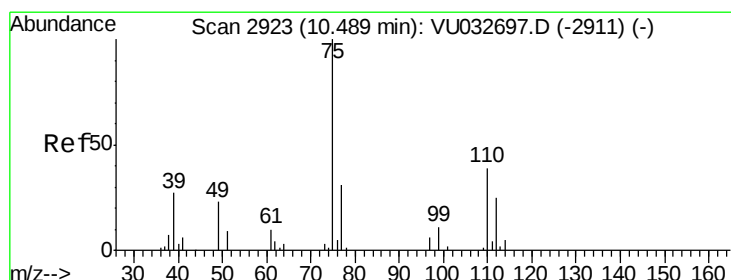
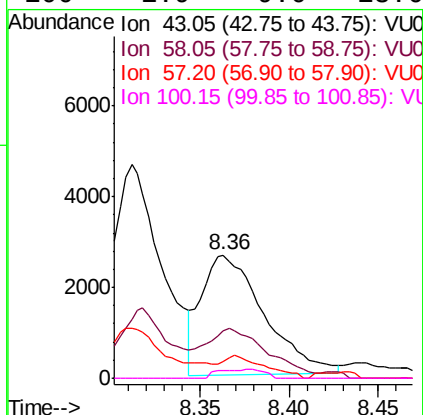
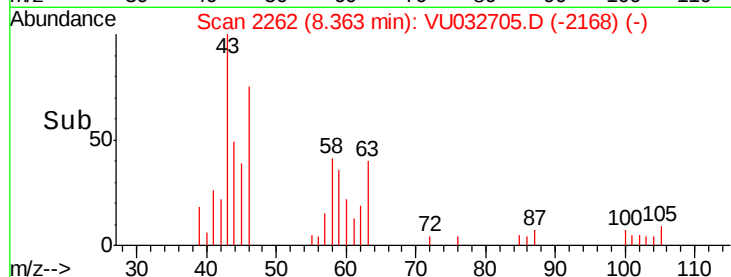
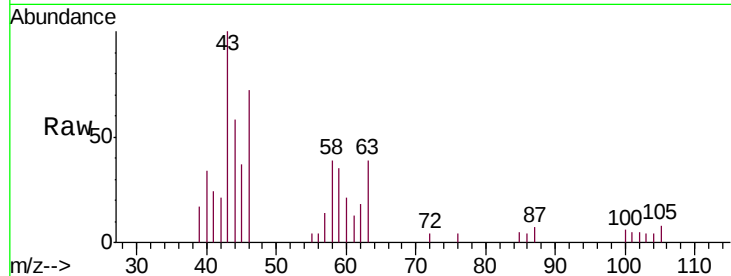




#48
2-Hexanone
Concen: 1.795 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU032705.D
Acq: 13 Jun 2019 19:42

Instrument :
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ClientSampleId :
COM27

Tgt Ion: 43 Resp: 6407
Ion Ratio Lower Upper
43 100
58 42.6 41.9 62.9
57 13.2 15.1 22.7#
100 1.9 9.0 13.6#



#59
1,2,3-Trichloropropane
Concen: 1.178 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032705.D
Acq: 13 Jun 2019 19:42

Tgt Ion: 75 Resp: 5429
Ion Ratio Lower Upper
75 100
77 37.0 25.3 37.9

