

Data File : VU032703.D
Acq On : 13 Jun 2019 18:52
Operator : JC/SP
Sample : K3364-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM25

Quant Time: Jun 14 07:41:51 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	94517	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	90550	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43128	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	28077	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.67	69	24228	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.27	63	43988	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.19	46	92503	53.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.88%
24) Chloroform-d	4.64	84	58477	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.31	65	32703	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
32) Benzene-d6	5.33	84	112889	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.32	67	37308	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.56	98	99364	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.85	79	12809	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.31	63	61314	41.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	28347	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	40867	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

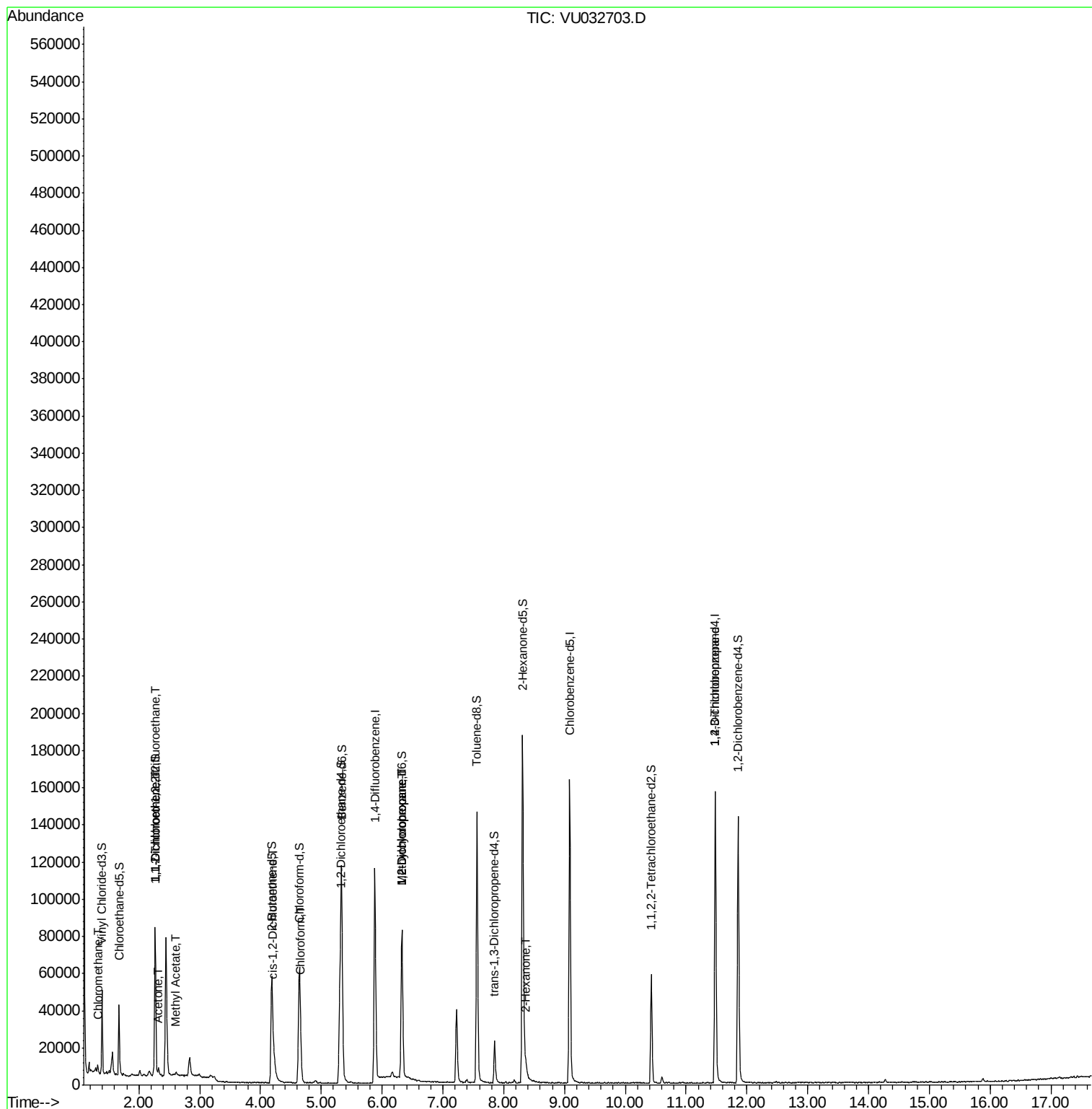
					Qvalue
3) Chloromethane	1.32	50	3226	0.384 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	1075	0.171 ug/L #	59
12) 1,1-Dichloroethene	2.28	96	740	0.123 ug/L #	1
13) Acetone	2.32	43	3710	2.787 ug/L	90
15) Methyl Acetate	2.61	43	1574	0.431 ug/L #	85
22) cis-1,2-Dichloroethene	4.22	96	665	0.091 ug/L	93
25) Chloroform	4.67	83	4861	0.410 ug/L	86
35) Methylcyclohexane	6.32	83	8394	0.680 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	4227	0.612 ug/L #	89
48) 2-Hexanone	8.37	43	4167	1.186 ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	5126	1.130 ug/L #	83

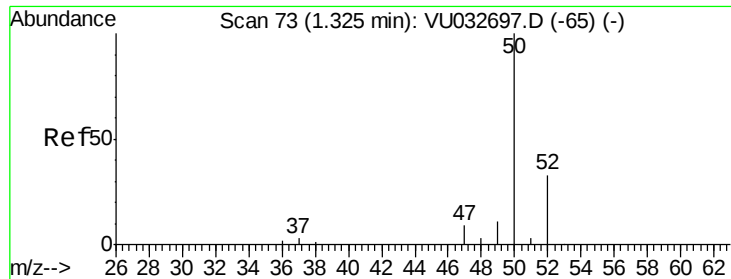
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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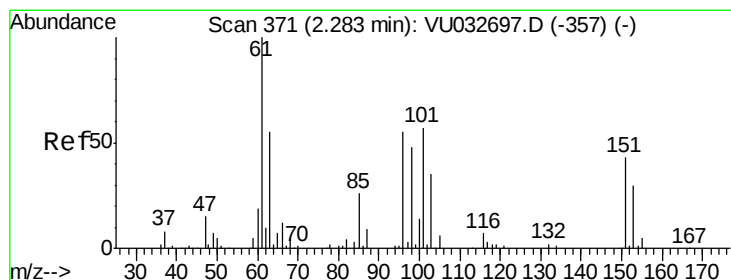
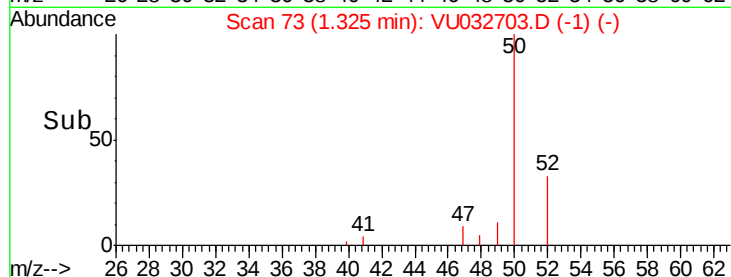
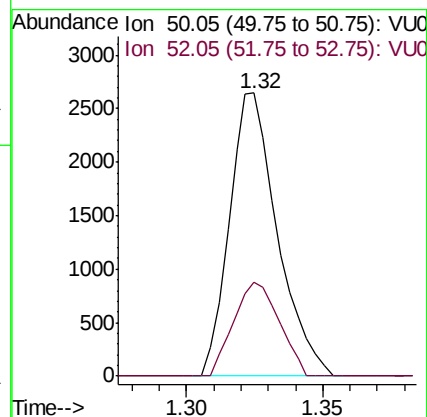
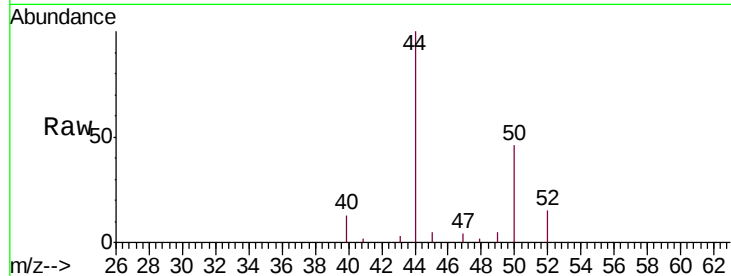




#3
Chloromethane
Concen: 0.384 ug/L
RT: 1.32 min Scan# 73
Delta R.T. -0.00 min
Lab File: VU032703.D
Acq: 13 Jun 2019 18:52

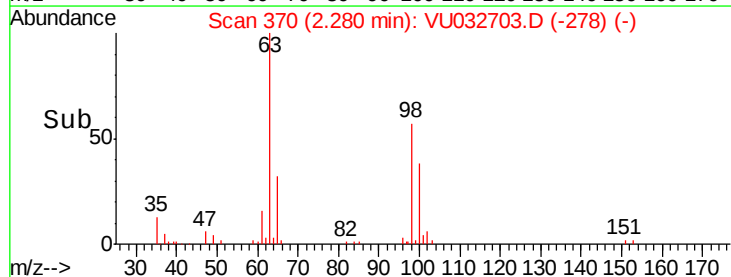
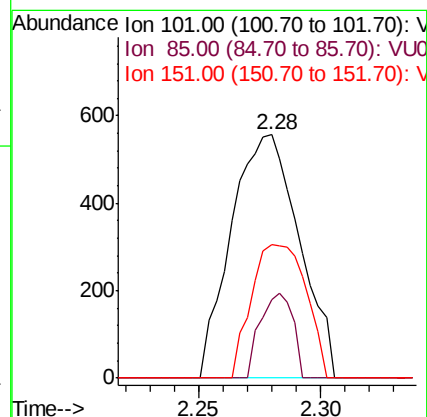
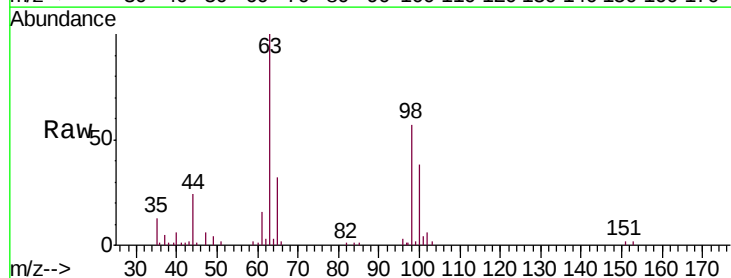
Instrument :
MSVOA_U
ClientSampleId :
COM25

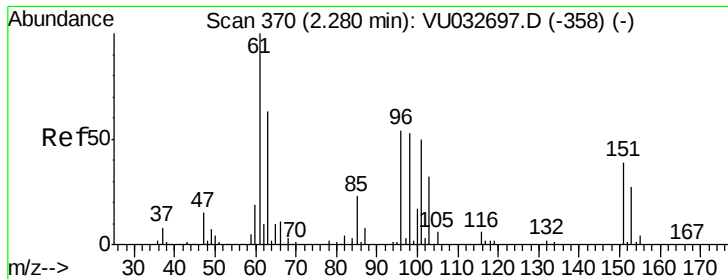
Tgt Ion: 50 Resp: 3226
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.171 ug/L
RT: 2.28 min Scan# 370
Delta R.T. -0.00 min
Lab File: VU032703.D
Acq: 13 Jun 2019 18:52

Tgt Ion: 101 Resp: 1075
Ion Ratio Lower Upper
101 100
85 16.5 38.9 58.3#
151 44.0 61.0 91.4#





#12

1,1-Dichloroethene

Concen: 0.123 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU032703.D

Acq: 13 Jun 2019 18:52

Instrument :

MSVOA_U

ClientSampled :

COM25

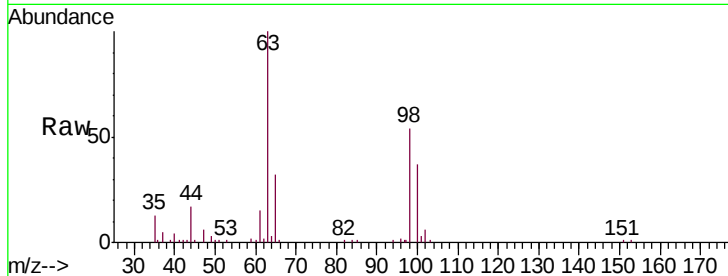
Tgt Ion: 96 Resp: 740

Ion Ratio Lower Upper

96 100

61 422.7 131.8 244.8#

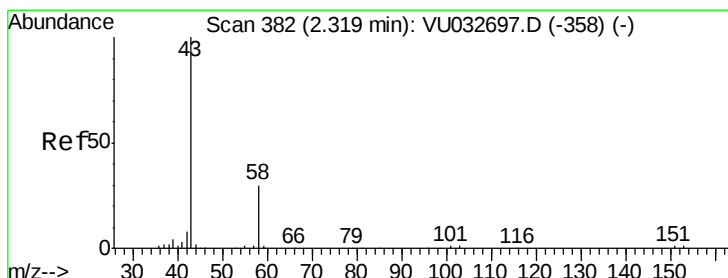
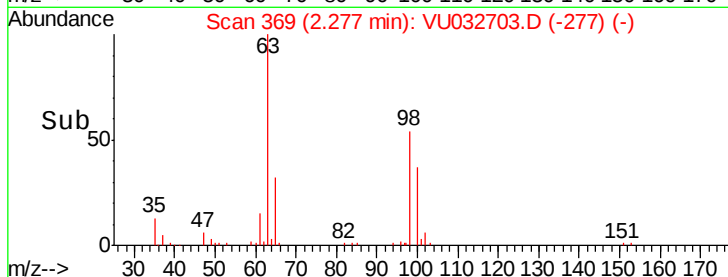
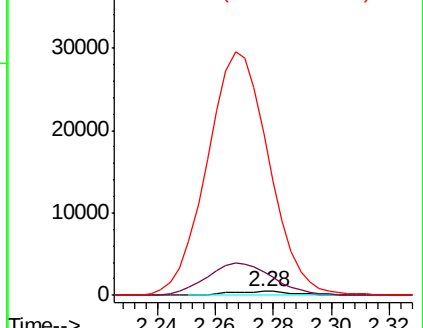
63 2865.8 90.1 167.3#



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: 2.787 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032703.D

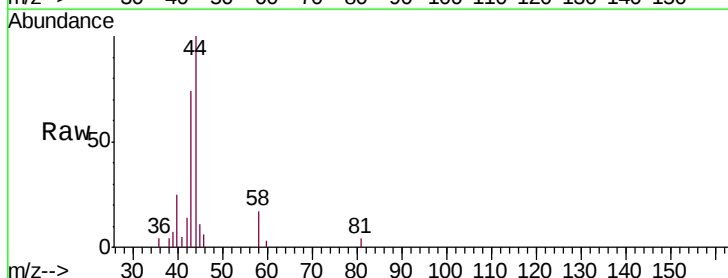
Acq: 13 Jun 2019 18:52

Tgt Ion: 43 Resp: 3710

Ion Ratio Lower Upper

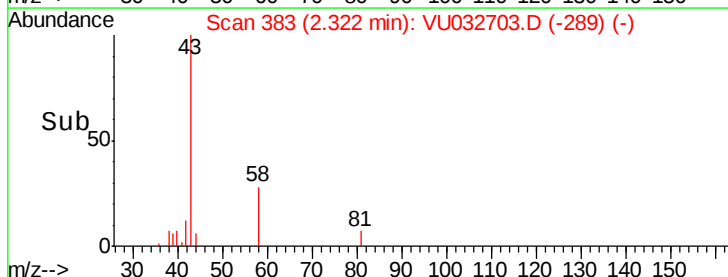
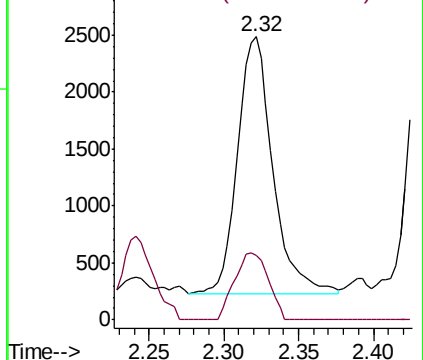
43 100

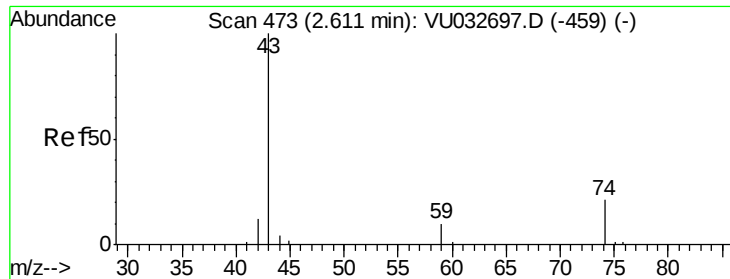
58 24.9 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

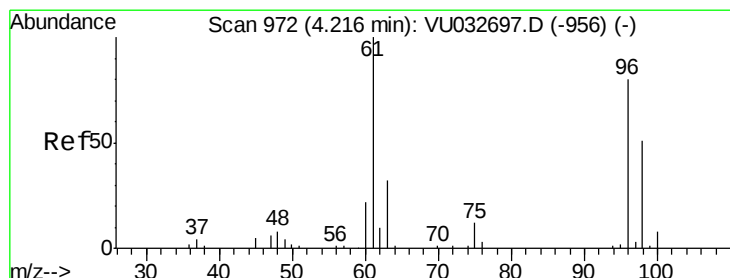
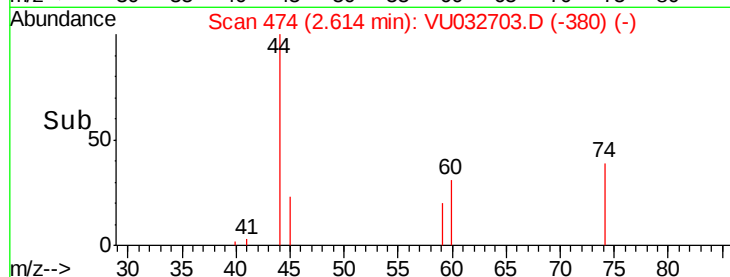
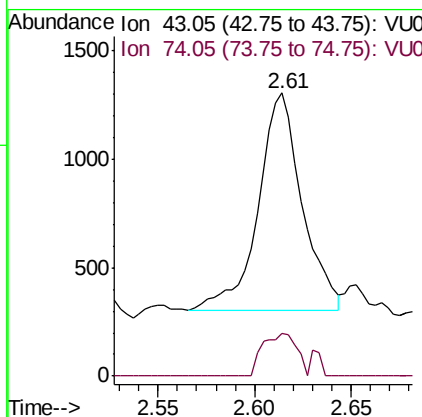
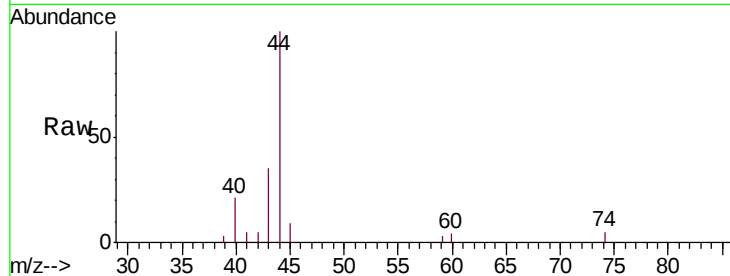




#15
Methyl Acetate
Concen: 0.431 ug/L
RT: 2.61 min Scan# 474
Delta R.T. 0.00 min
Lab File: VU032703.D
Acq: 13 Jun 2019 18:52

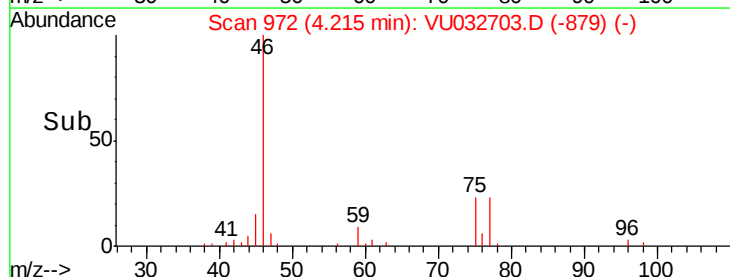
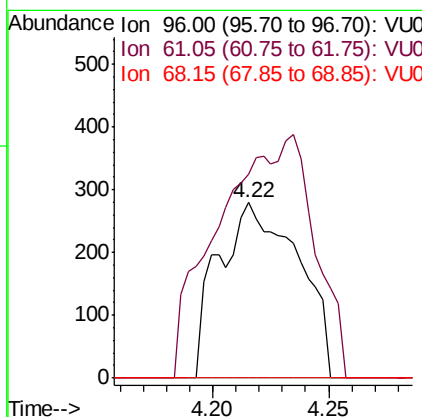
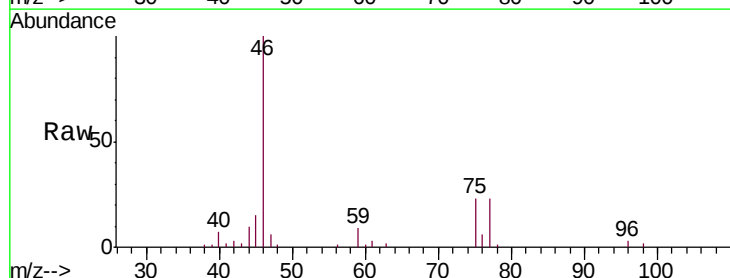
Instrument :
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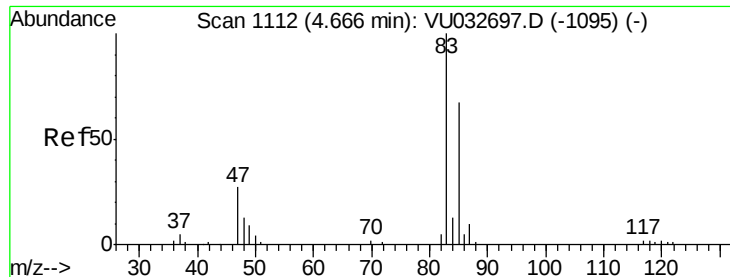
Tgt Ion: 43 Resp: 1574
Ion Ratio Lower Upper
43 100
74 15.1 17.8 26.8#



#22
cis-1,2-Dichloroethene
Concen: 0.091 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.00 min
Lab File: VU032703.D
Acq: 13 Jun 2019 18:52

Tgt Ion: 96 Resp: 665
Ion Ratio Lower Upper
96 100
61 116.1 86.6 160.8
68 0.0 0.0 0.0

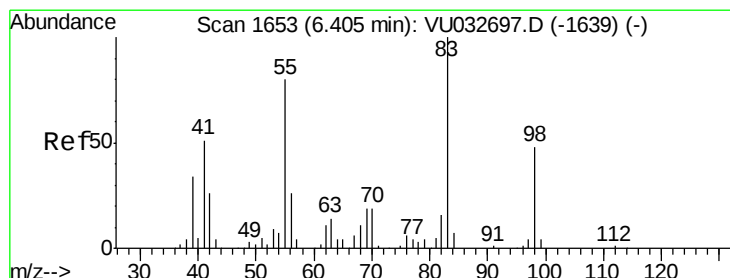
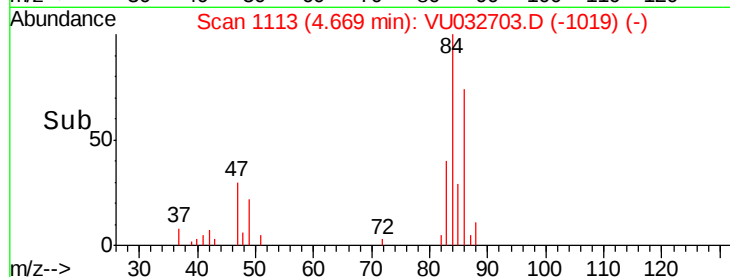
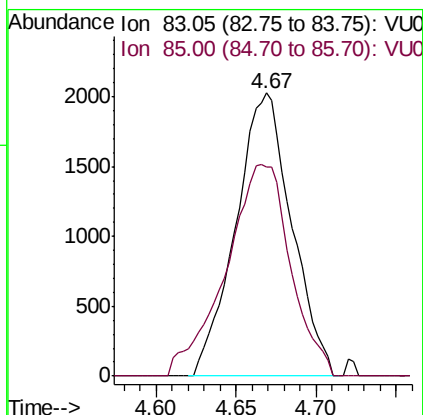
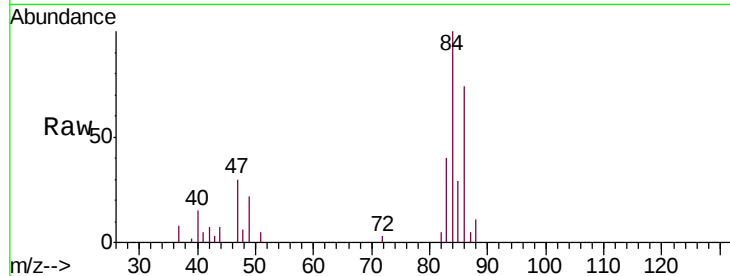




#25
Chloroform
Concen: 0.410 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU032703.D
Acq: 13 Jun 2019 18:52

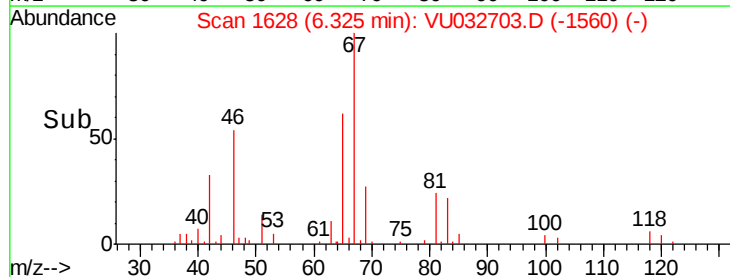
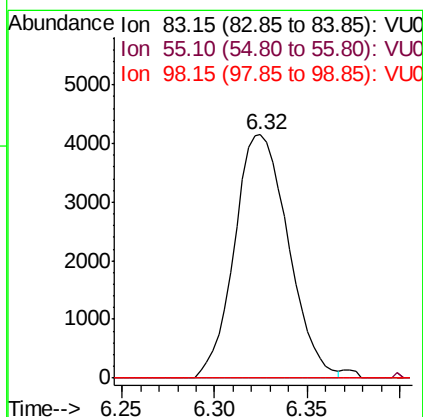
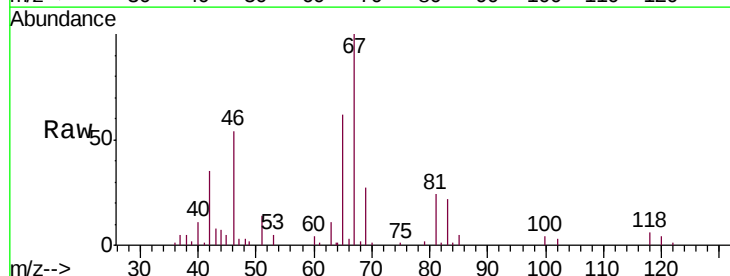
Instrument :
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ClientSampleId :
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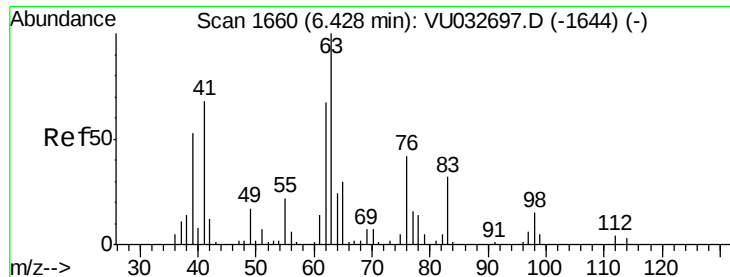
Tgt Ion: 83 Resp: 4861
Ion Ratio Lower Upper
83 100
85 73.7 43.8 81.3



#35
Methylcyclohexane
Concen: 0.680 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032703.D
Acq: 13 Jun 2019 18:52

Tgt Ion: 83 Resp: 8394
Ion Ratio Lower Upper
83 100
55 0.2 60.0 90.0#
98 2.4 37.8 56.8#

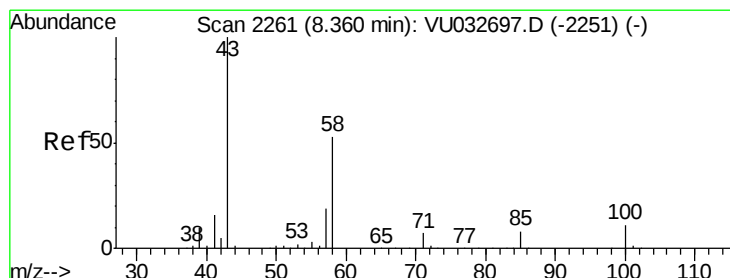
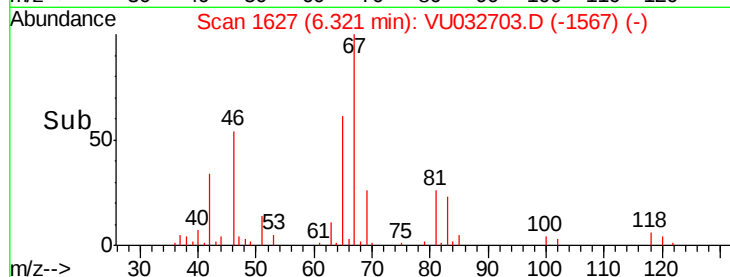
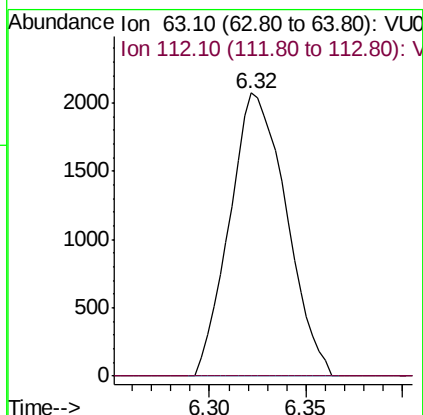
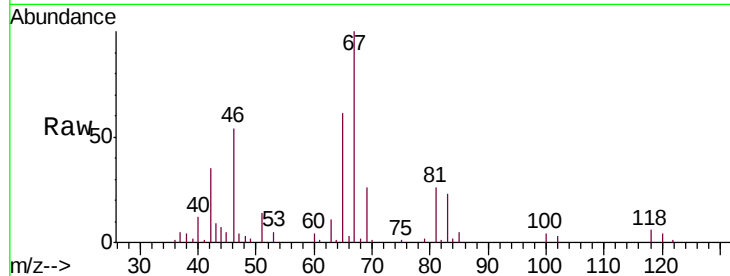




#37
 1,2-Dichloropropane
 Concen: 0.612 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.11 min
 Lab File: VU032703.D
 Acq: 13 Jun 2019 18:52

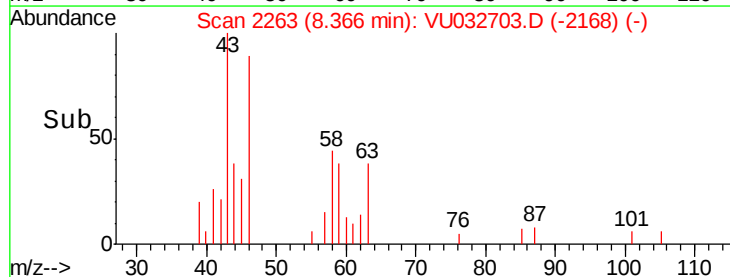
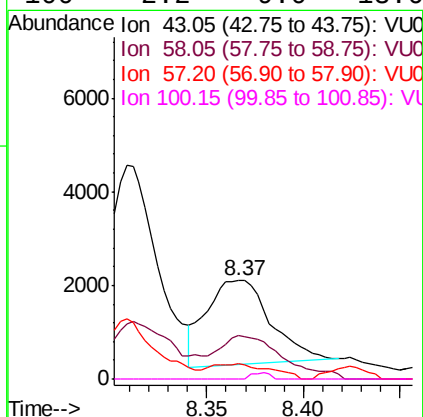
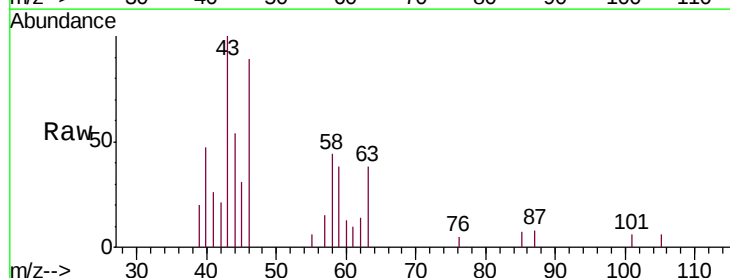
Instrument :
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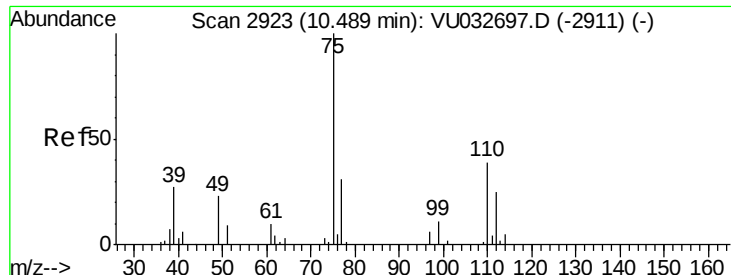
Tgt Ion: 63 Resp: 4227
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#48
 2-Hexanone
 Concen: 1.186 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU032703.D
 Acq: 13 Jun 2019 18:52

Tgt Ion: 43 Resp: 4167
 Ion Ratio Lower Upper
 43 100
 58 52.8 41.9 62.9
 57 5.1 15.1 22.7#
 100 2.2 9.0 13.6#





#59
 1,2,3-Trichloropropane
 Concen: 1.130 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032703.D
 Acq: 13 Jun 2019 18:52

Instrument :
 MSVOA_U
 ClientSampleId :
 COM25

Tgt Ion: 75 Resp: 5126
 Ion Ratio Lower Upper
 75 100
 77 40.8 25.3 37.9#

