

Data File : VU032700.D
Acq On : 13 Jun 2019 17:38
Operator : JC/SP
Sample : K3364-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM22

Quant Time: Jun 14 07:41:27 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	97410	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	92888	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42871	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29742	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.68	69	24935	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.27	63	46522	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.19	46	89072	50.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.78%
24) Chloroform-d	4.64	84	60693	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.31	65	34247	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.60%
32) Benzene-d6	5.33	84	117763	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.33	67	38572	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.56	98	103391	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.85	79	13643	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.31	63	61837	40.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	28642	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	41194	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

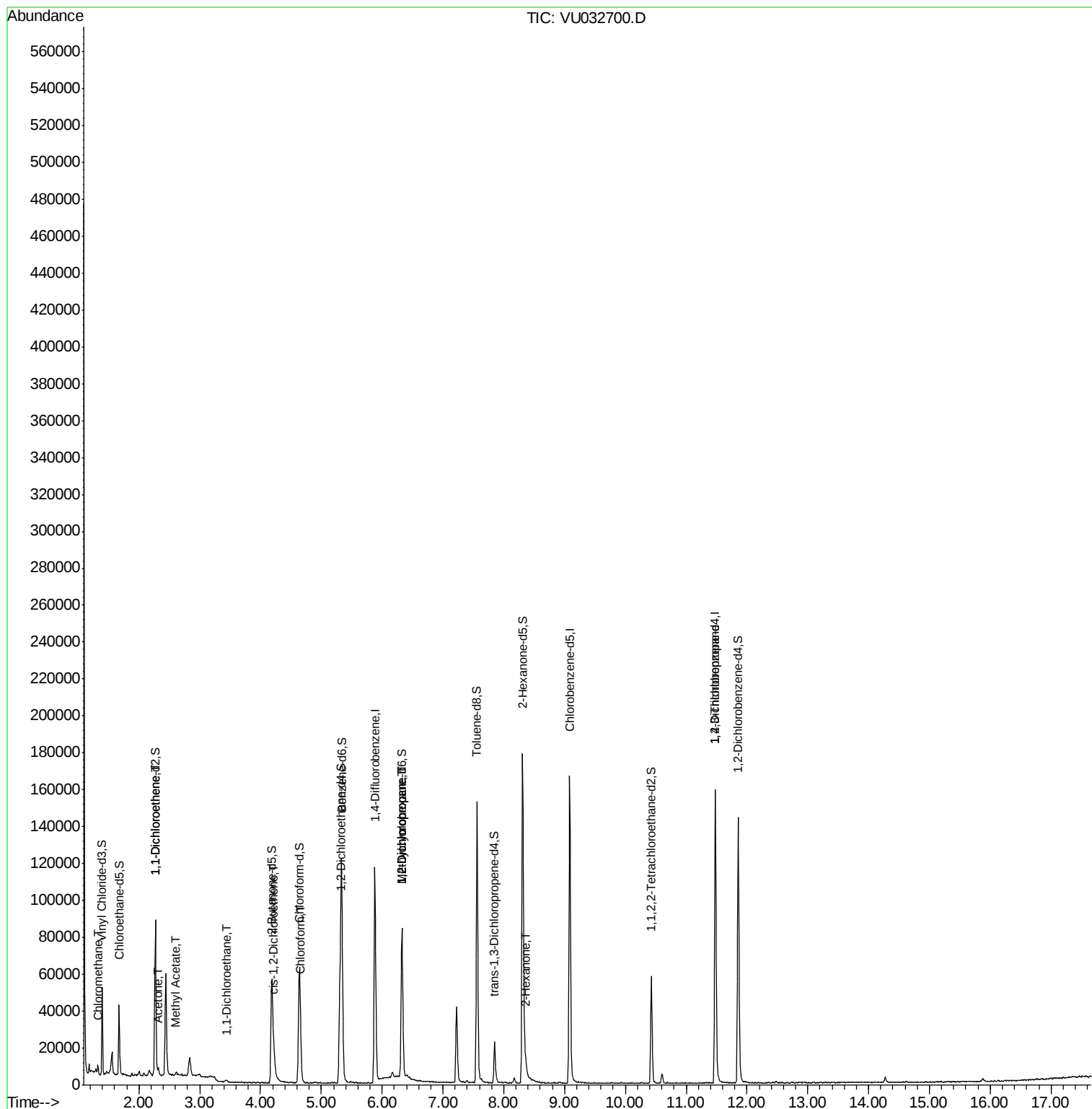
					Qvalue
3) Chloromethane	1.33	50	3014	0.348 ug/L	99
12) 1,1-Dichloroethene	2.28	96	2581	0.417 ug/L #	1
13) Acetone	2.32	43	4162	3.034 ug/L	89
15) Methyl Acetate	2.61	43	1886	0.501 ug/L #	84
19) 1,1-Dichloroethane	3.43	63	1531	0.128 ug/L #	83
22) cis-1,2-Dichloroethene	4.22	96	2113	0.280 ug/L	92
25) Chloroform	4.67	83	2519	0.206 ug/L	91
35) Methylcyclohexane	6.32	83	8727	0.689 ug/L #	22
37) 1,2-Dichloropropane	6.33	63	4355	0.615 ug/L #	89
48) 2-Hexanone	8.36	43	4659	1.293 ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	5619	1.208 ug/L #	88

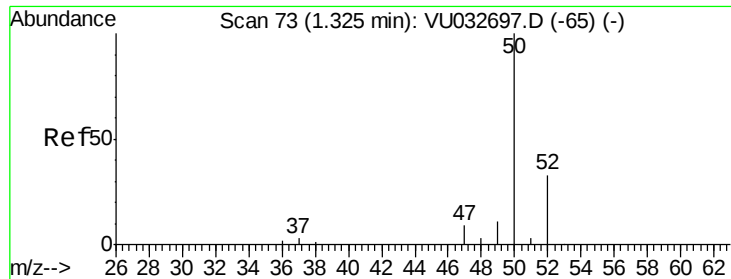
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.348 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032700.D

Acq: 13 Jun 2019 17:38

Instrument :

MSVOA_U

ClientSampleId :

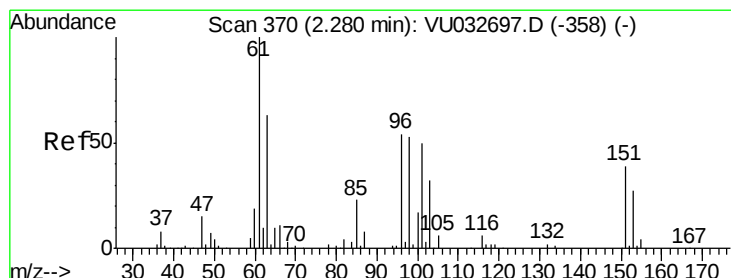
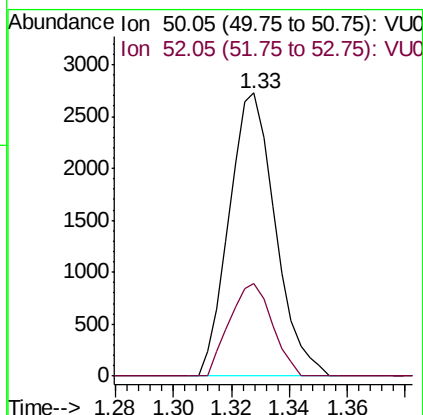
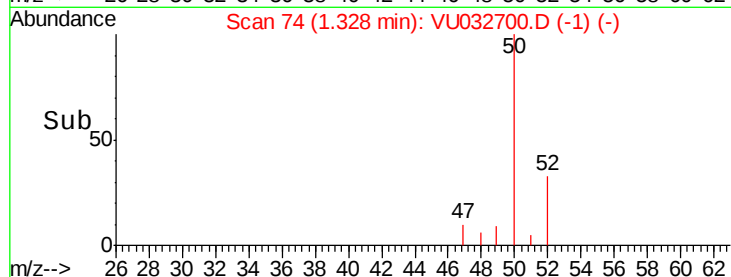
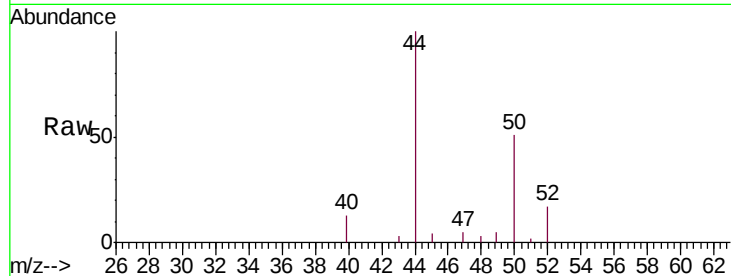
COM22

Tgt Ion: 50 Resp: 3014

Ion Ratio Lower Upper

50 100

52 32.7 23.2 43.2



#12

1,1-Dichloroethene

Concen: 0.417 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU032700.D

Acq: 13 Jun 2019 17:38

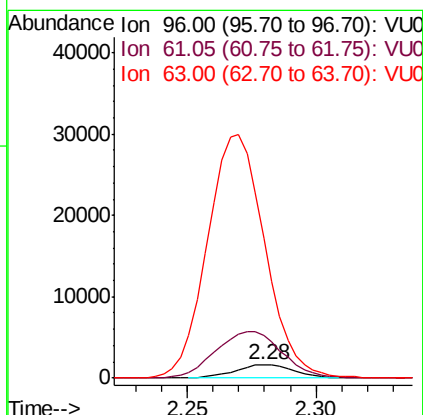
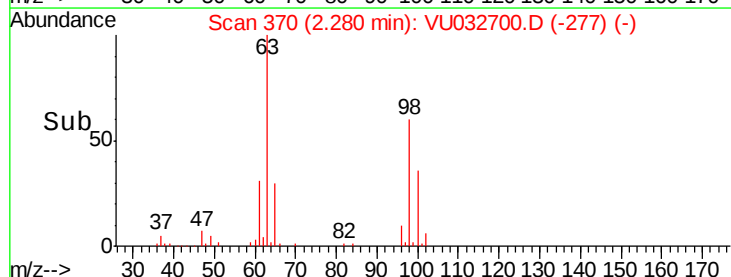
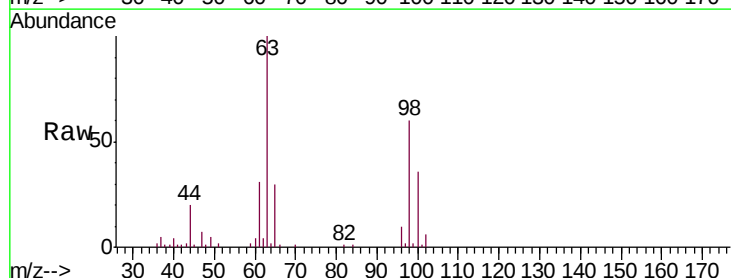
Tgt Ion: 96 Resp: 2581

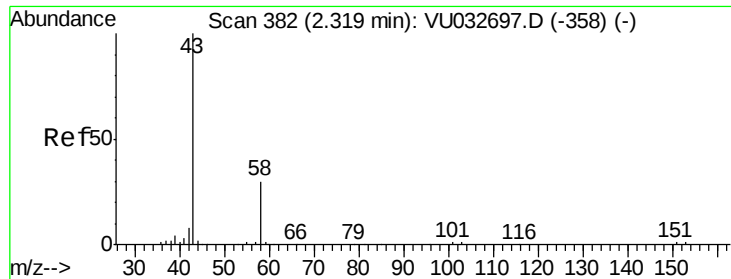
Ion Ratio Lower Upper

96 100

61 320.2 131.8 244.8#

63 1043.6 90.1 167.3#





#13

Acetone

Concen: 3.034 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032700.D

Acq: 13 Jun 2019 17:38

Instrument :

MSVOA_U

ClientSampleId :

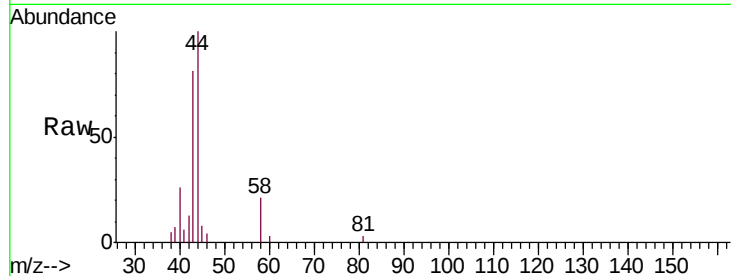
COM22

Tgt Ion: 43 Resp: 4162

Ion Ratio Lower Upper

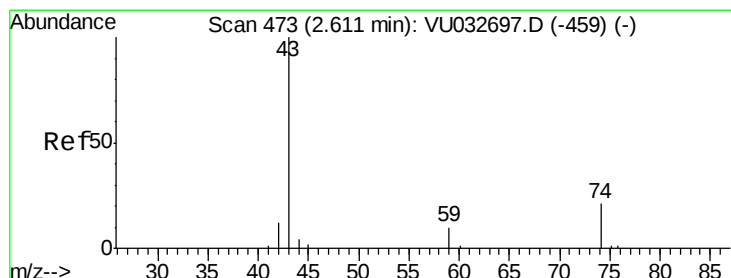
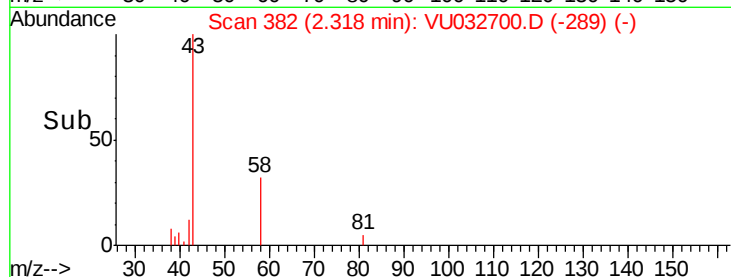
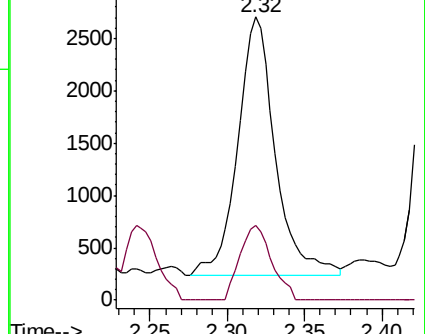
43 100

58 24.2 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: 0.501 ug/L

RT: 2.61 min Scan# 474

Delta R.T. 0.00 min

Lab File: VU032700.D

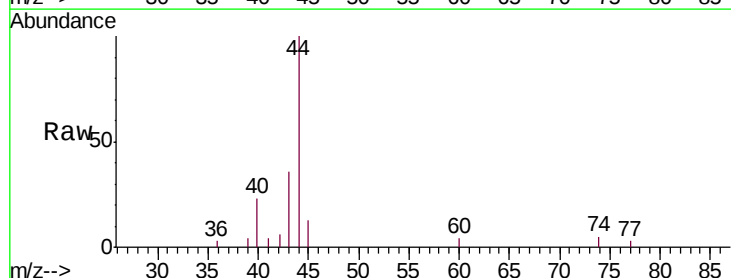
Acq: 13 Jun 2019 17:38

Tgt Ion: 43 Resp: 1886

Ion Ratio Lower Upper

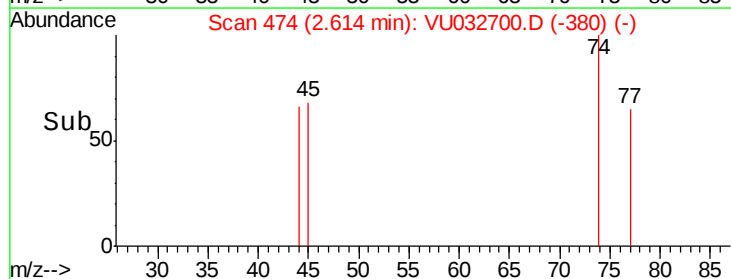
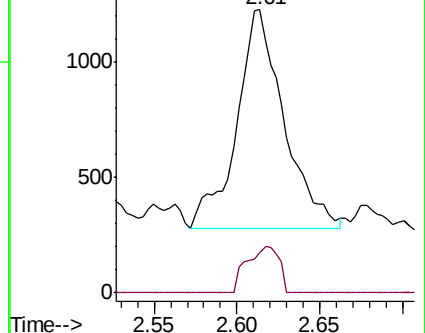
43 100

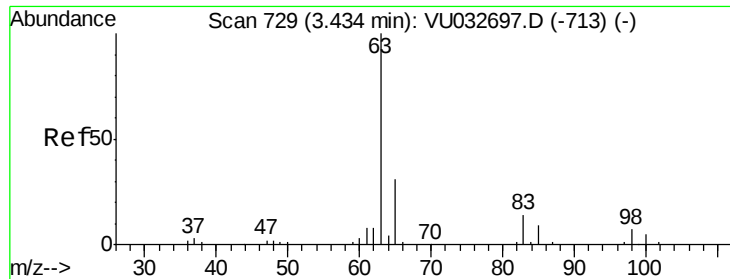
74 14.4 17.8 26.8#



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

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

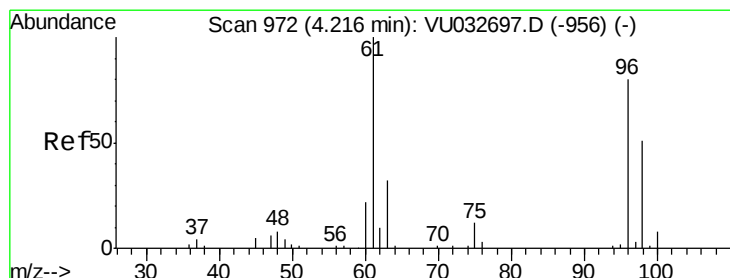
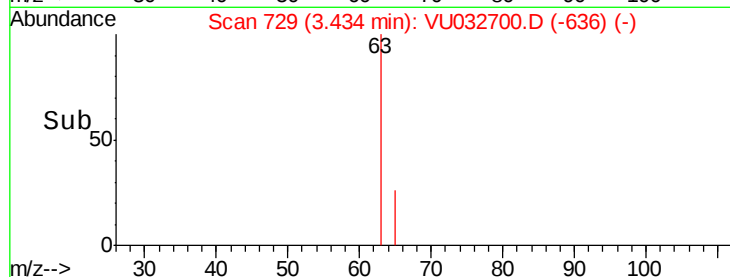
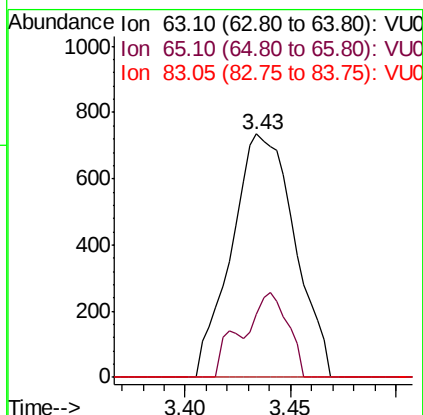
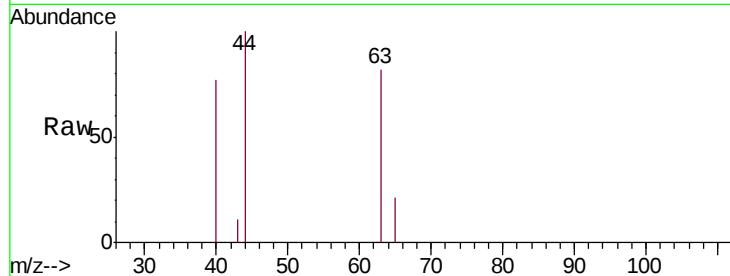




#19
 1,1-Dichloroethane
 Concen: 0.128 ug/L
 RT: 3.43 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VU032700.D
 Acq: 13 Jun 2019 17:38

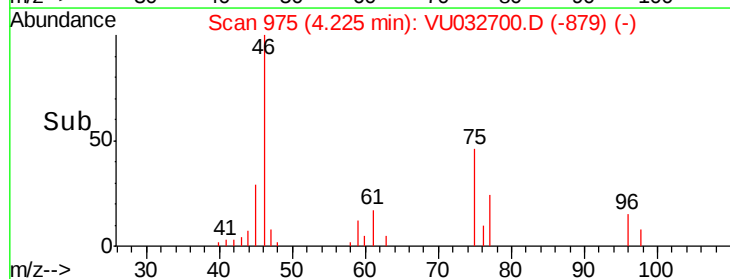
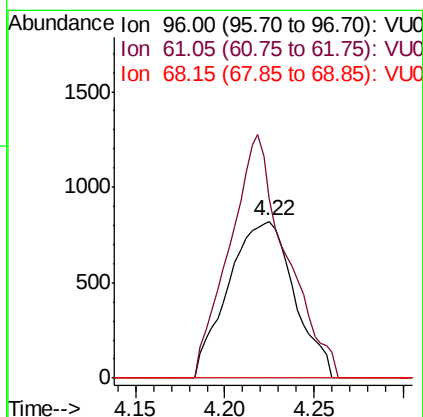
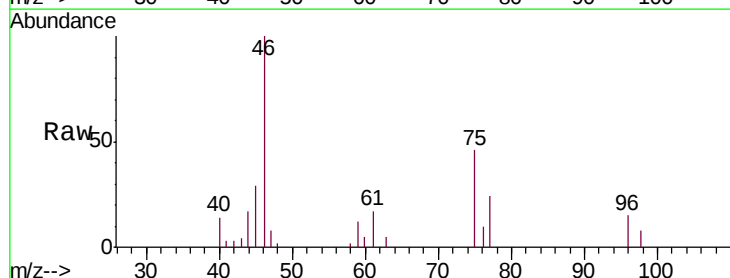
Instrument :
 MSVOA_U
 ClientSampled :
 COM22

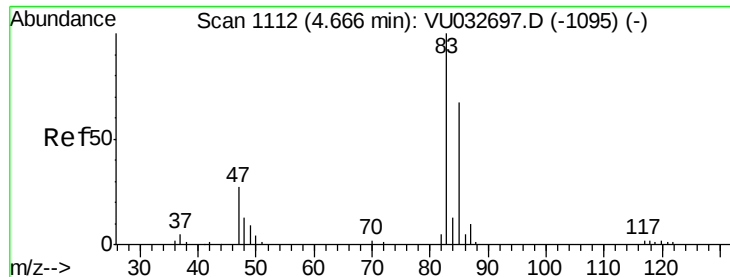
Tgt Ion: 63 Resp: 1531
 Ion Ratio Lower Upper
 63 100
 65 26.1 21.3 39.6
 83 0.0 10.1 18.7#



#22
 cis-1,2-Dichloroethene
 Concen: 0.280 ug/L
 RT: 4.22 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: VU032700.D
 Acq: 13 Jun 2019 17:38

Tgt Ion: 96 Resp: 2113
 Ion Ratio Lower Upper
 96 100
 61 114.7 86.6 160.8
 68 0.0 0.0 0.0

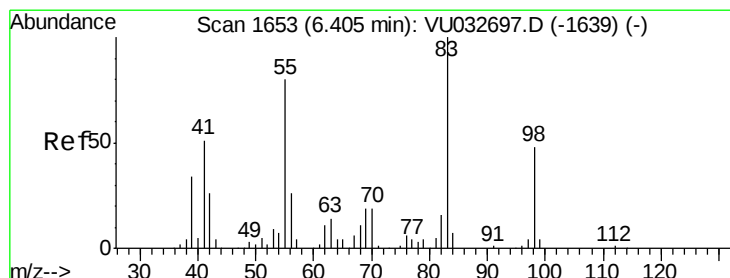
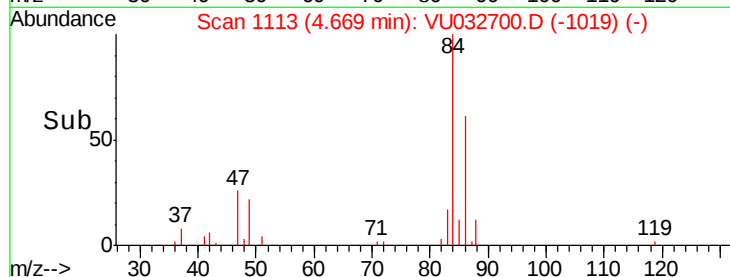
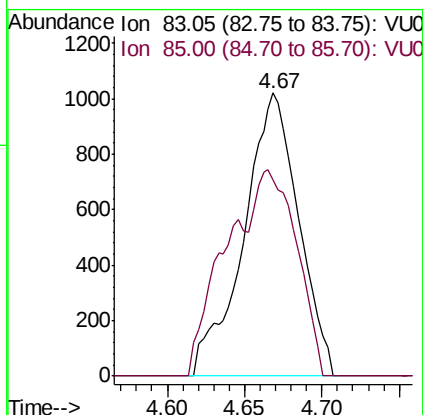
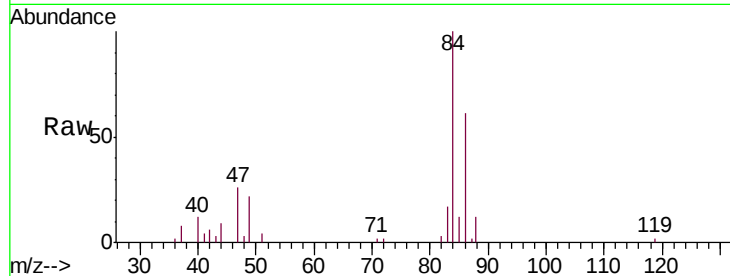




#25
Chloroform
Concen: 0.206 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU032700.D
Acq: 13 Jun 2019 17:38

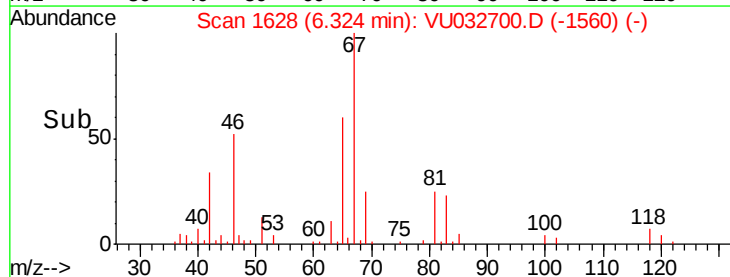
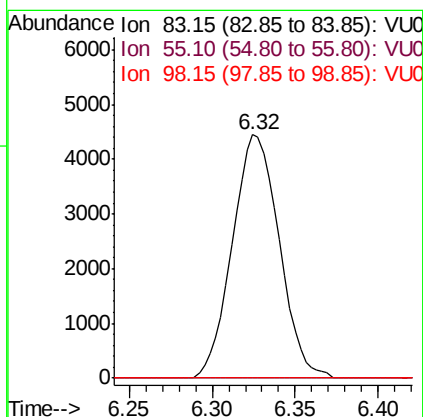
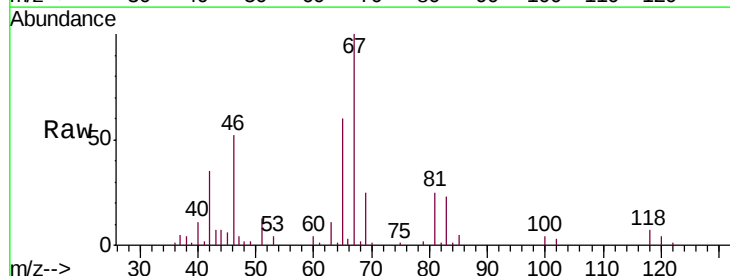
Instrument :
MSVOA_U
ClientSampleId :
COM22

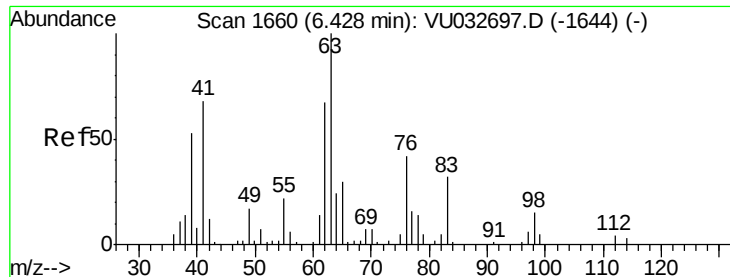
Tgt Ion: 83 Resp: 2519
Ion Ratio Lower Upper
83 100
85 69.3 43.8 81.3



#35
Methylcyclohexane
Concen: 0.689 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032700.D
Acq: 13 Jun 2019 17:38

Tgt Ion: 83 Resp: 8727
Ion Ratio Lower Upper
83 100
55 0.0 60.0 90.0#
98 5.8 37.8 56.8#

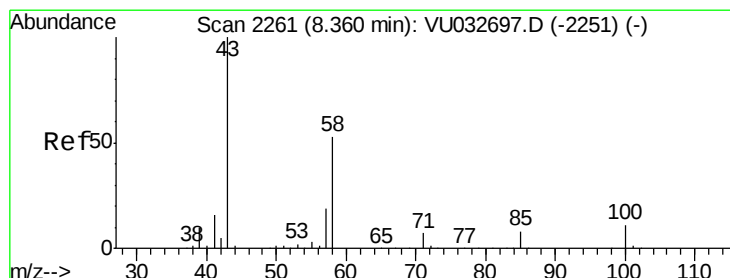
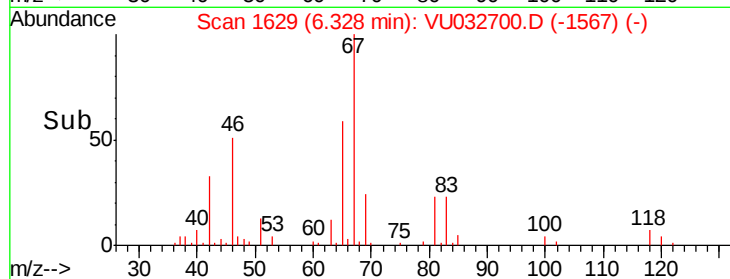
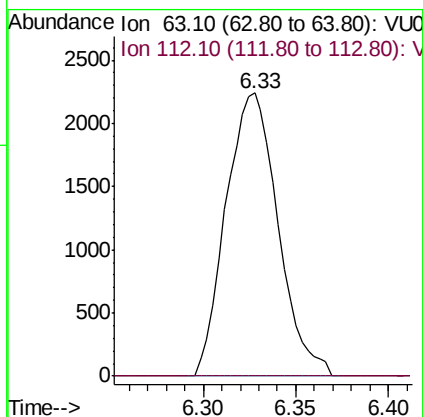
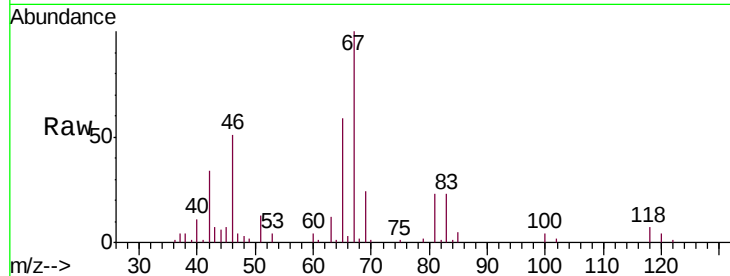




#37
 1,2-Dichloropropane
 Concen: 0.615 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032700.D
 Acq: 13 Jun 2019 17:38

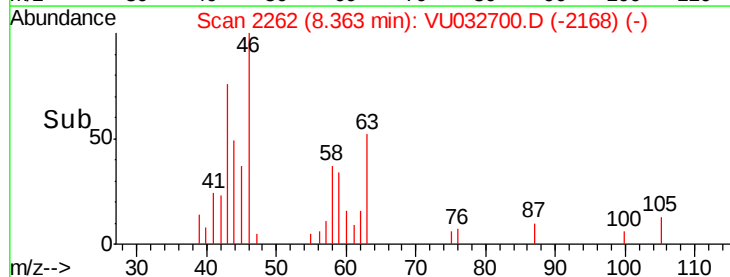
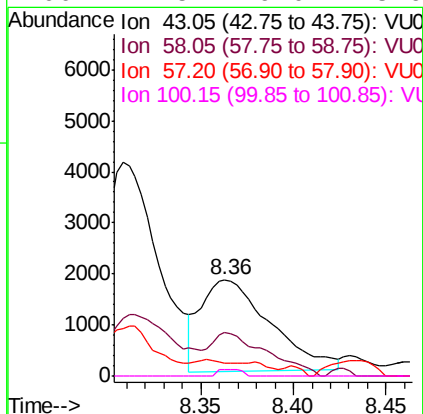
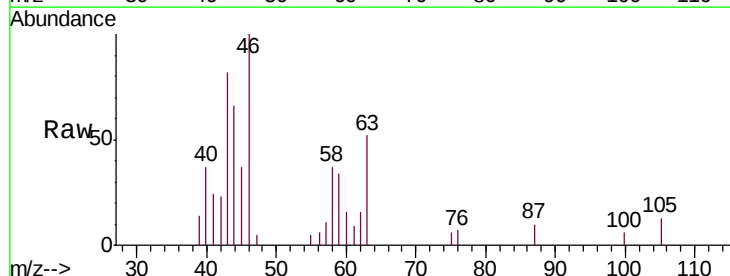
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 MSVOA_U
 ClientSampled :
 COM22

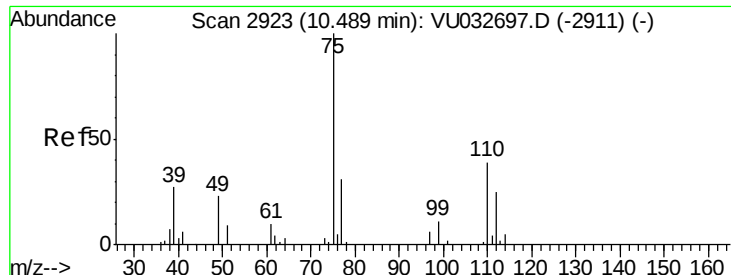
Tgt Ion: 63 Resp: 4355
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#48
 2-Hexanone
 Concen: 1.293 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU032700.D
 Acq: 13 Jun 2019 17:38

Tgt Ion: 43 Resp: 4659
 Ion Ratio Lower Upper
 43 100
 58 38.6 41.9 62.9#
 57 2.7 15.1 22.7#
 100 2.5 9.0 13.6#





#59
 1,2,3-Trichloropropane
 Concen: 1.208 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032700.D
 Acq: 13 Jun 2019 17:38

Instrument :
 MSVOA_U
 ClientSampleId :
 COM22

Tgt Ion: 75 Resp: 5619
 Ion Ratio Lower Upper
 75 100
 77 38.2 25.3 37.9#

