

Data File : VU032072.D
Acq On : 17 May 2019 00:49
Operator : JC/SP
Sample : K2850-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W14

Quant Time: May 17 07:24:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	387781	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	407421	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	161203	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	144791	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.68	69	120677	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.27	63	203865	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.21	46	270250	42.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.28%
24) Chloroform-d	4.64	84	255303	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.31	65	130688	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.33	84	527640	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.33	67	152462	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	7.56	98	446144	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.85	79	49601	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	8.31	63	232009	39.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	120130	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	161098	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

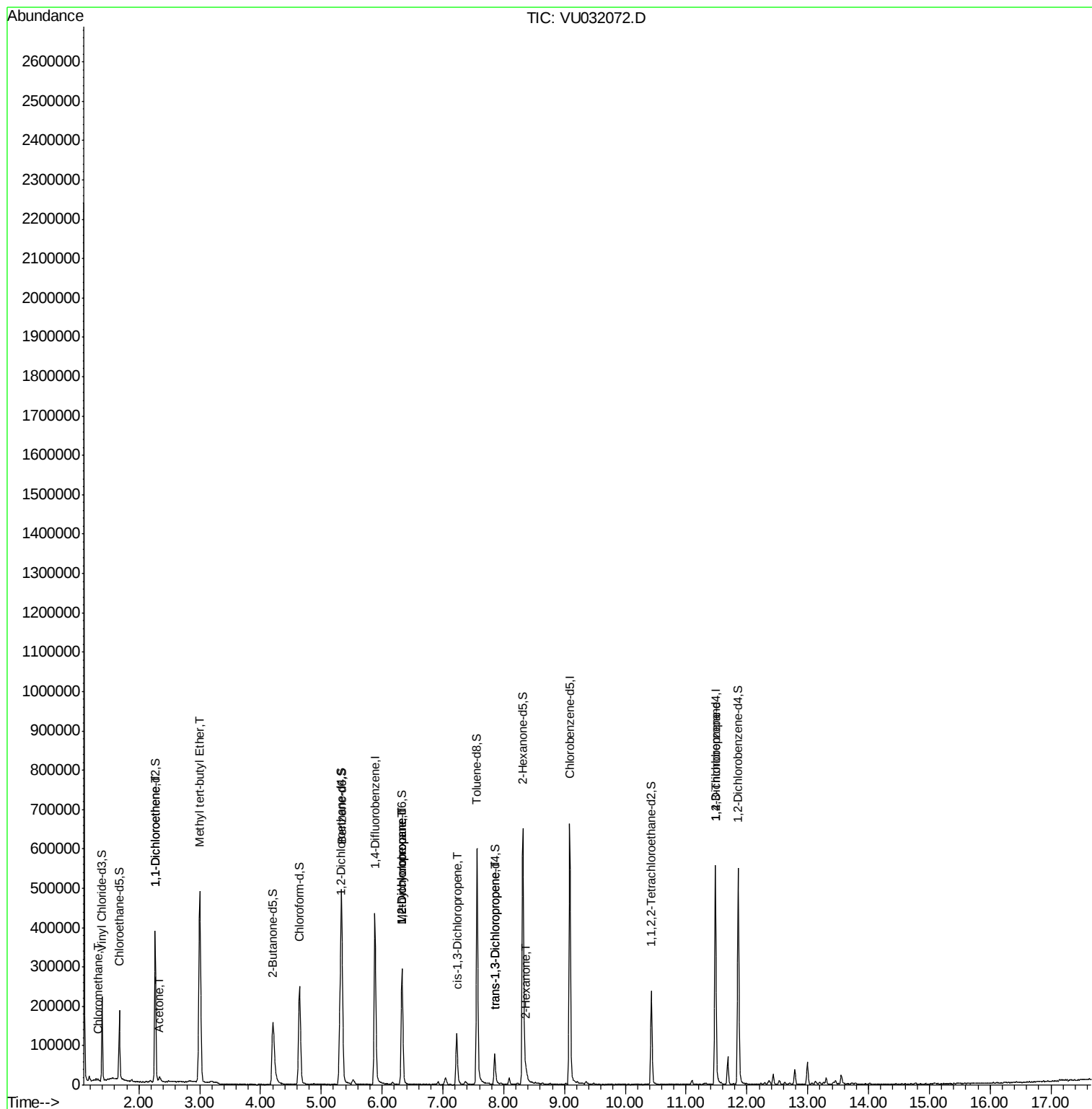
					Qvalue
3) Chloromethane	1.32	50	3952	0.212 ug/L	100
12) 1,1-Dichloroethene	2.27	96	1777	0.114 ug/L #	1
13) Acetone	2.35	43	10479	4.977 ug/L	95
17) Methyl tert-butyl Ether	3.00	73	561515	15.337 ug/L	97
35) Methylcyclohexane	6.33	83	36802	1.506 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	16354	1.069 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	3088	0.146 ug/L #	17
44) trans-1,3-Dichloropropene	7.86	75	1973	0.120 ug/L #	77
48) 2-Hexanone	8.37	43	10279	1.869 ug/L #	54
59) 1,2,3-Trichloropropane	11.48	75	17587	1.810 ug/L	95

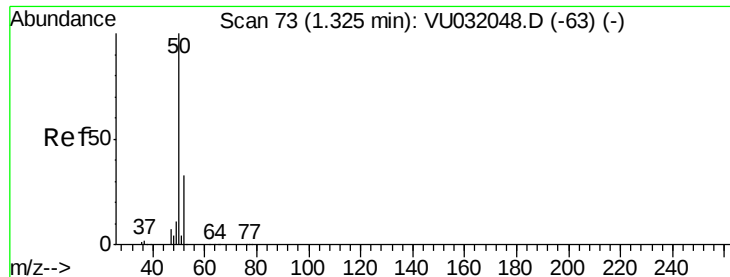
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.212 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

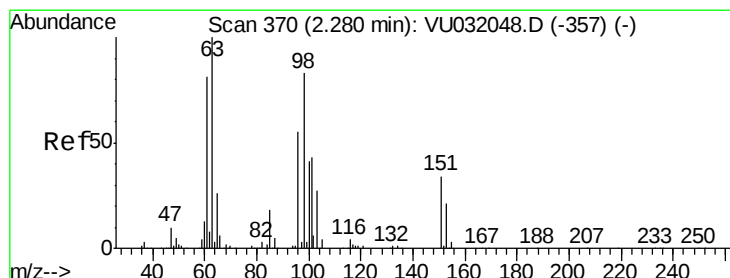
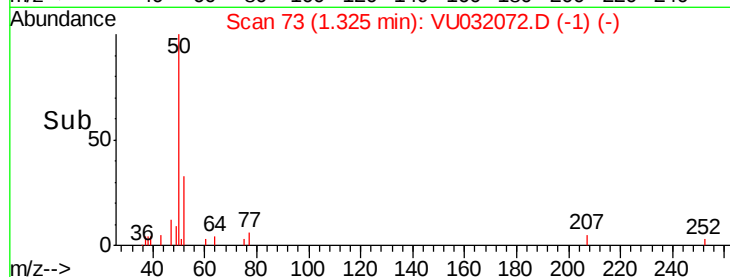
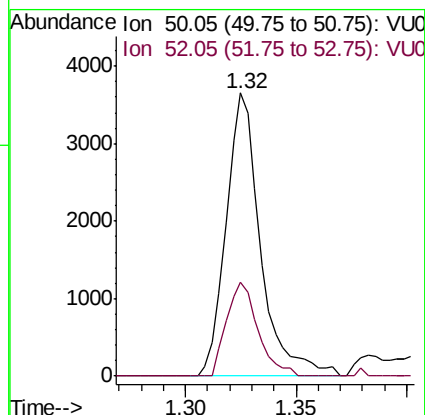
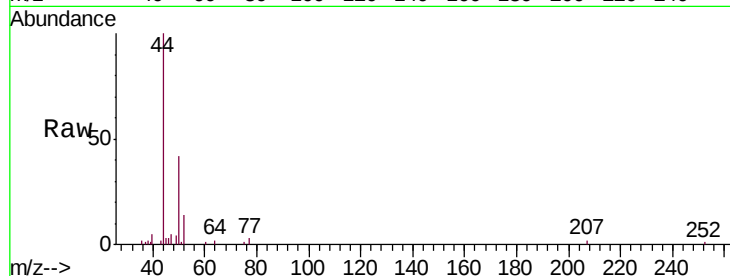
F9W14

Tgt Ion: 50 Resp: 3952

Ion Ratio Lower Upper

50 100

52 33.2 23.2 43.0



#12

1,1-Dichloroethene

Concen: 0.114 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032072.D

Acq: 17 May 2019 00:49

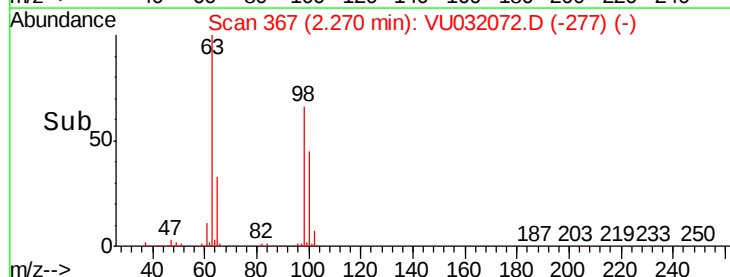
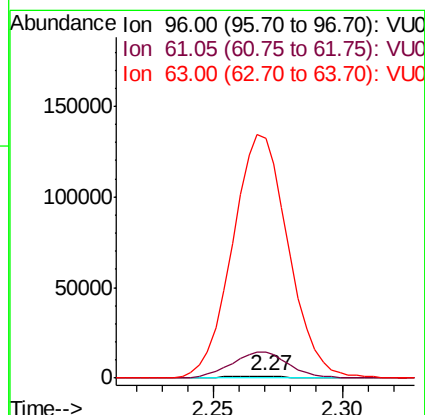
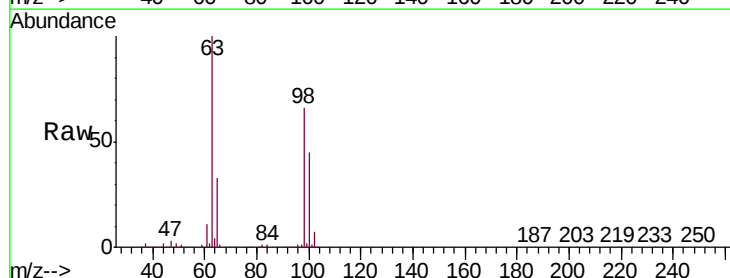
Tgt Ion: 96 Resp: 1777

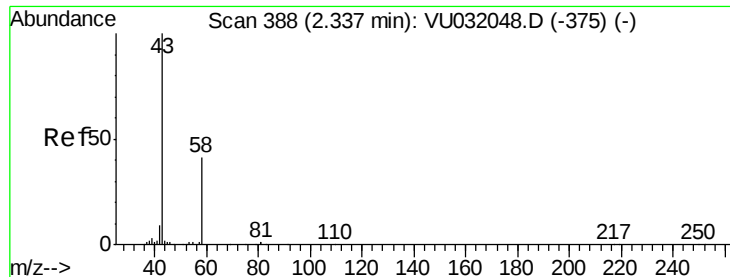
Ion Ratio Lower Upper

96 100

61 1306.1 111.7 207.5#

63 11882.4 152.2 282.6#





#13

Acetone

Concen: 4.977 ug/L

RT: 2.35 min Scan# 391

Delta R.T. 0.01 min

Lab File: VU032072.D

Acq: 17 May 2019 00:49

Instrument :

MSVOA_U

ClientSampleId :

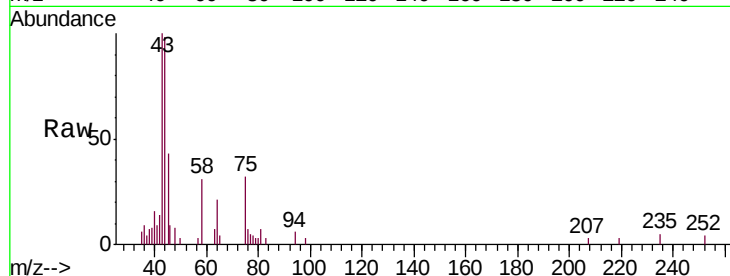
F9W14

Tgt Ion: 43 Resp: 10479

Ion Ratio Lower Upper

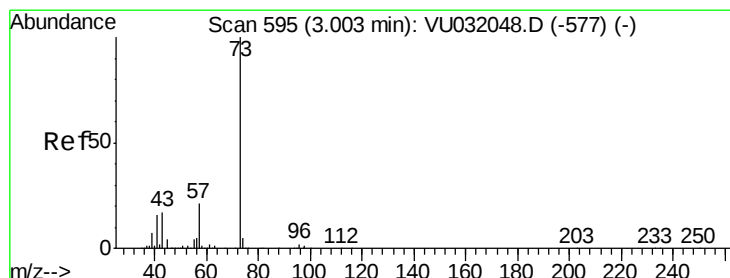
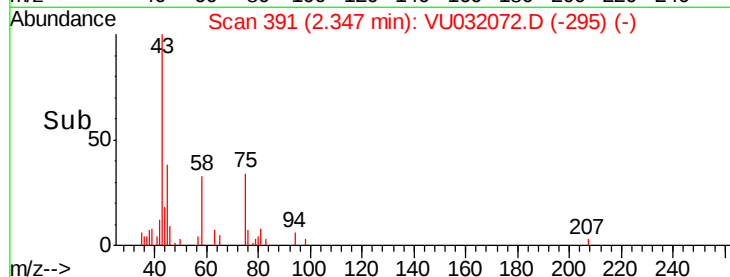
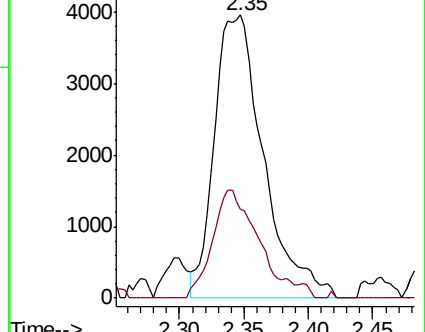
43 100

58 36.4 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032072.D (-391) (-)

Ion 58.05 (57.75 to 58.75): VU032072.D (-391) (-)



#17

Methyl tert-butyl Ether

Concen: 15.337 ug/L

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU032072.D

Acq: 17 May 2019 00:49

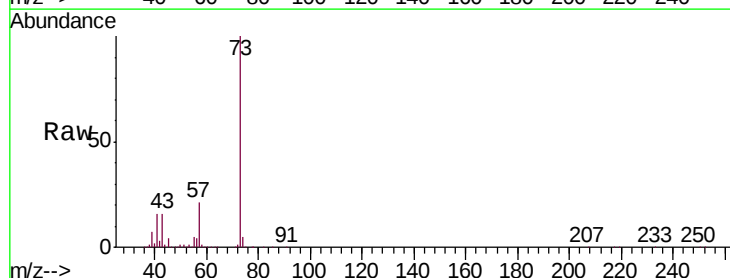
Tgt Ion: 73 Resp: 561515

Ion Ratio Lower Upper

73 100

43 15.0 13.0 19.6

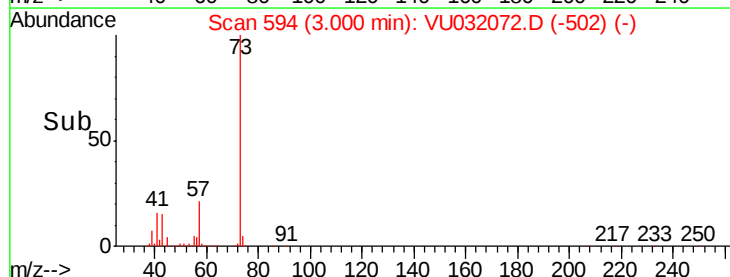
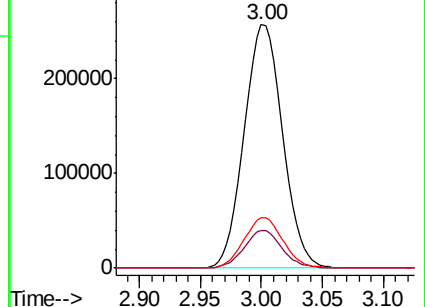
57 21.0 17.9 26.9

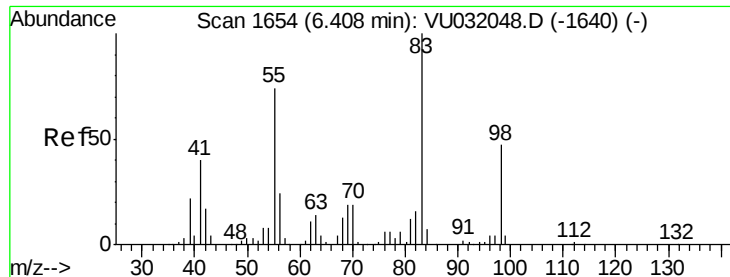


Abundance Ion 73.10 (72.80 to 73.80): VU032072.D (-594) (-)

Ion 43.05 (42.75 to 43.75): VU032072.D (-594) (-)

Ion 57.10 (56.80 to 57.80): VU032072.D (-594) (-)

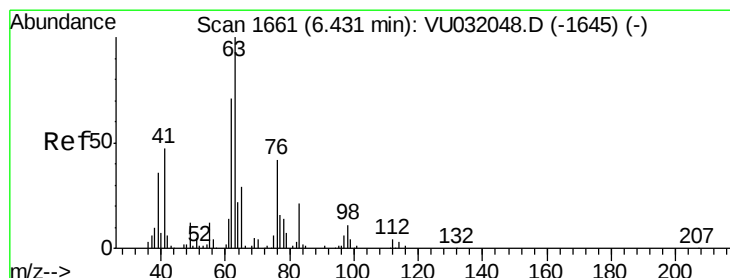
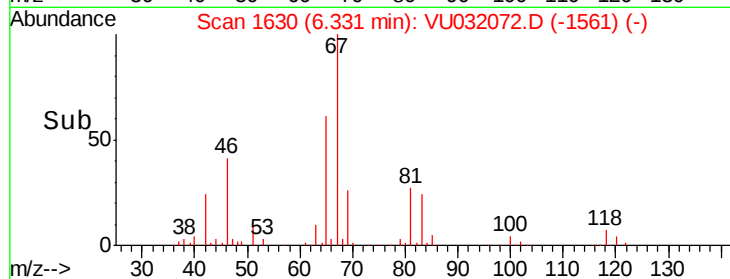
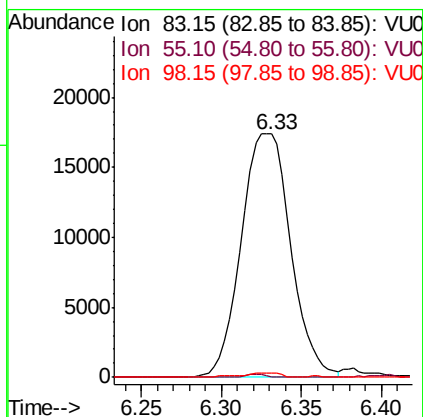
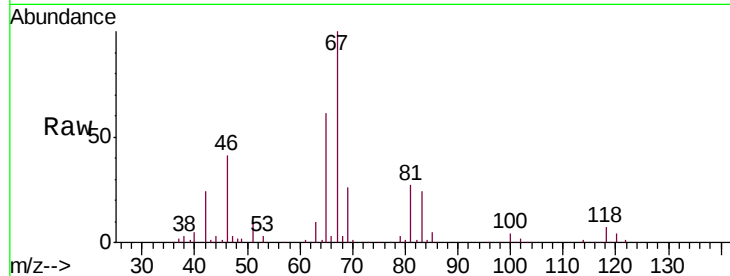




#35
Methylcyclohexane
Concen: 1.506 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.08 min
Lab File: VU032072.D
Acq: 17 May 2019 00:49

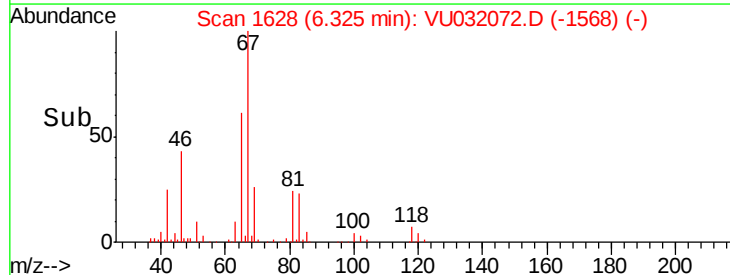
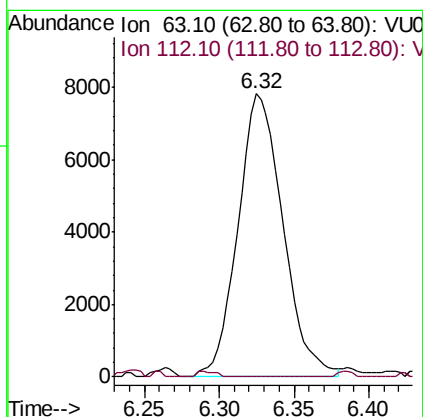
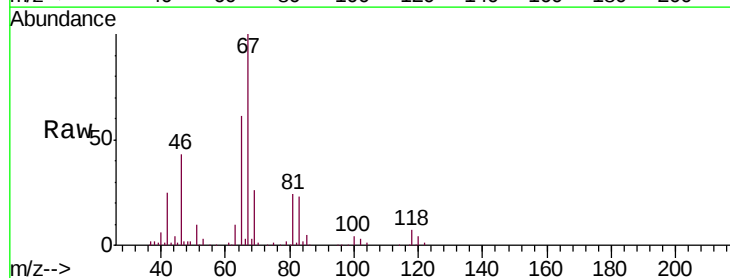
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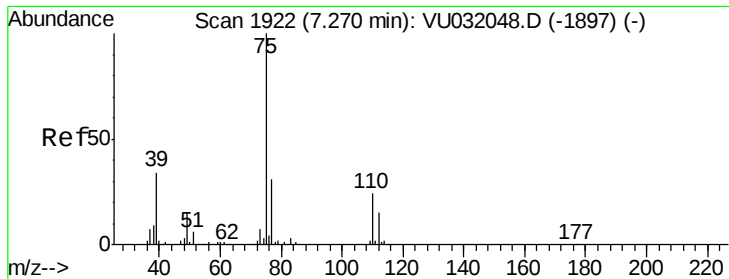
Tgt Ion: 83 Resp: 36802
Ion Ratio Lower Upper
83 100
55 0.5 59.7 89.5#
98 1.5 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 1.069 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU032072.D
Acq: 17 May 2019 00:49

Tgt Ion: 63 Resp: 16354
Ion Ratio Lower Upper
63 100
112 0.8 3.8 5.6#



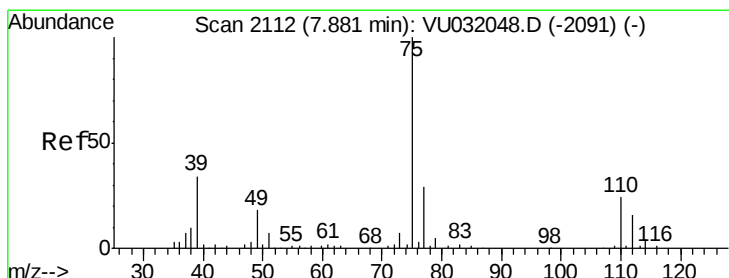
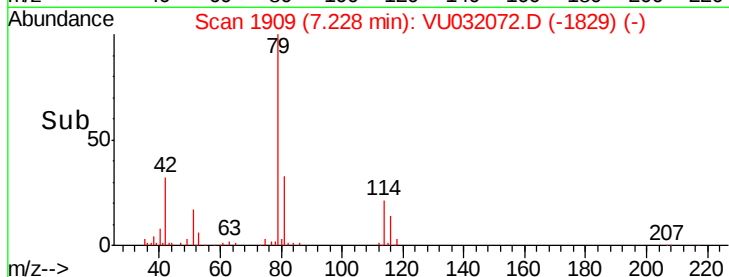
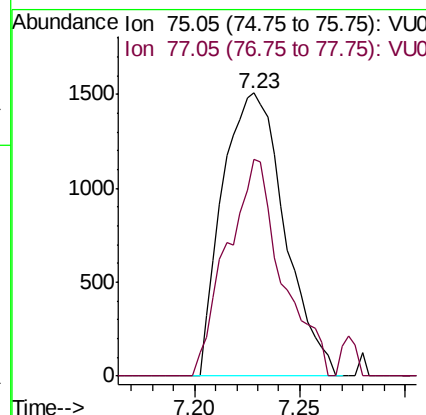
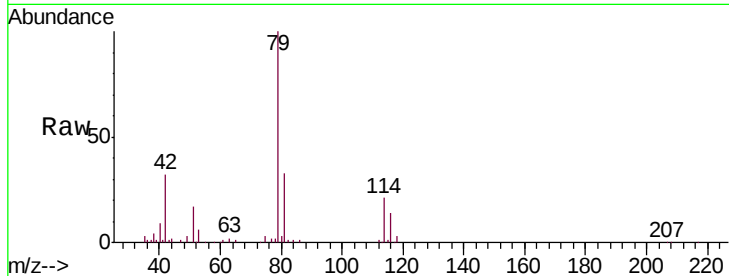


#39

cis-1,3-Dichloropropene
 Concen: 0.146 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU032072.D
 Acq: 17 May 2019 00:49

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 ClientSampleId :
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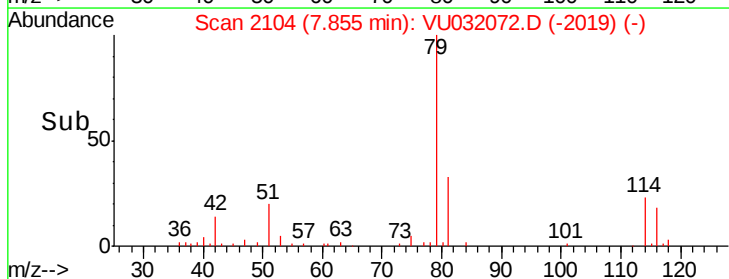
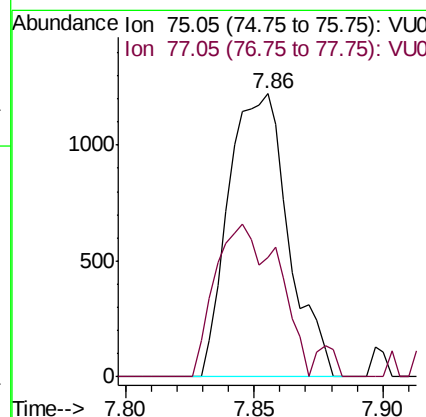
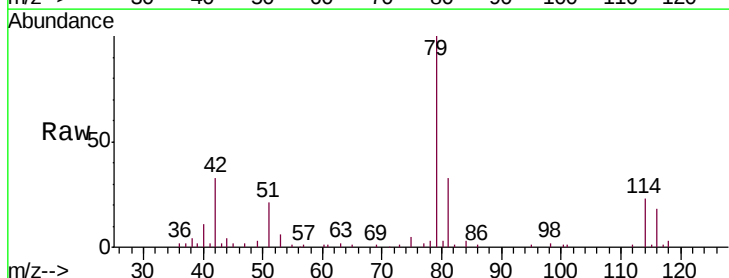
Tgt Ion: 75 Resp: 3088
 Ion Ratio Lower Upper
 75 100
 77 76.4 21.7 40.3#

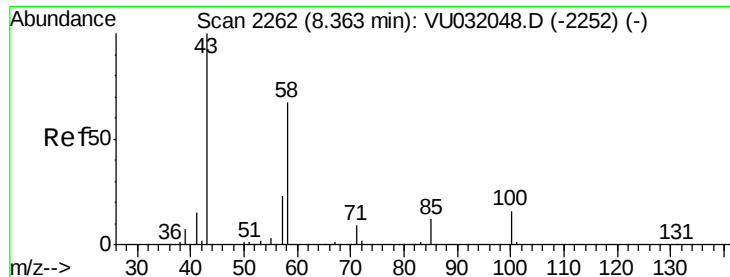


#44

trans-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.86 min Scan# 2104
 Delta R.T. -0.03 min
 Lab File: VU032072.D
 Acq: 17 May 2019 00:49

Tgt Ion: 75 Resp: 1973
 Ion Ratio Lower Upper
 75 100
 77 42.4 21.0 39.0#

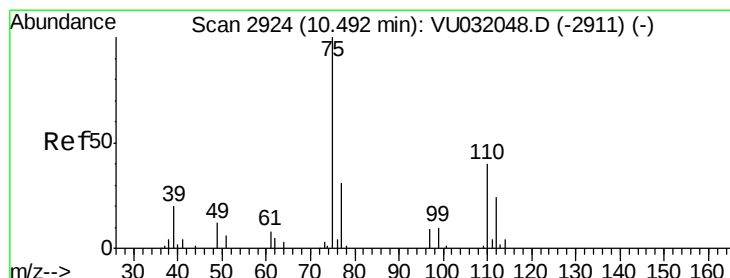
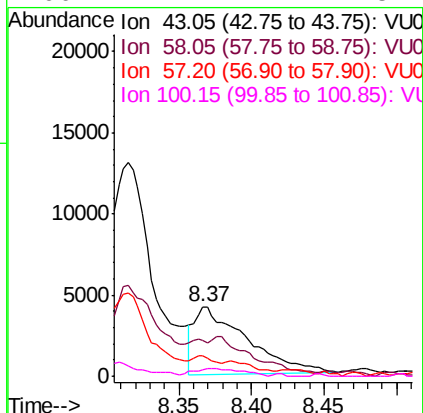
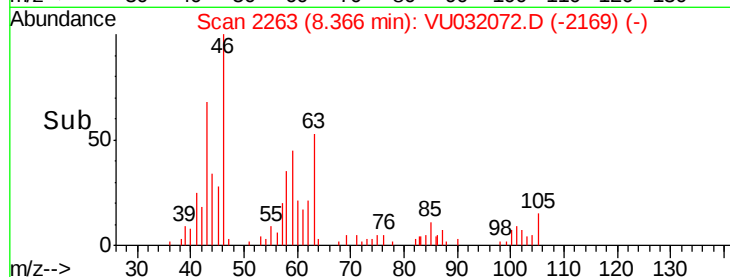
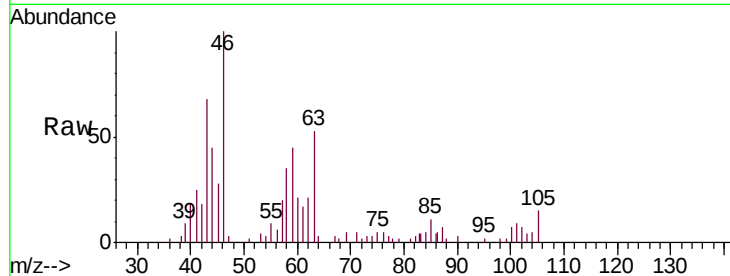




#48
2-Hexanone
Concen: 1.869 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU032072.D
Acq: 17 May 2019 00:49

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ClientSampleId :
F9W14

Tgt Ion: 43 Resp: 10279
Ion Ratio Lower Upper
43 100
58 19.3 51.6 77.4#
57 5.3 18.4 27.6#
100 11.1 12.2 18.4#



#59
1,2,3-Trichloropropane
Concen: 1.810 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032072.D
Acq: 17 May 2019 00:49

Tgt Ion: 75 Resp: 17587
Ion Ratio Lower Upper
75 100
77 35.6 26.2 39.2

