

Data File : VU032065.D
Acq On : 16 May 2019 21:54
Operator : JC/SP
Sample : K2850-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W07

Quant Time: May 17 07:23:33 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	392029	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	403046	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	155317	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	156210	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.68	69	127168	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.27	63	214907	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	4.20	46	287104	44.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.56%
24) Chloroform-d	4.64	84	265942	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.31	65	133374	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.33	84	555038	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.33	67	158937	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.56	98	454478	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.85	79	55101	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.31	63	250192	42.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	130375	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	162310	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

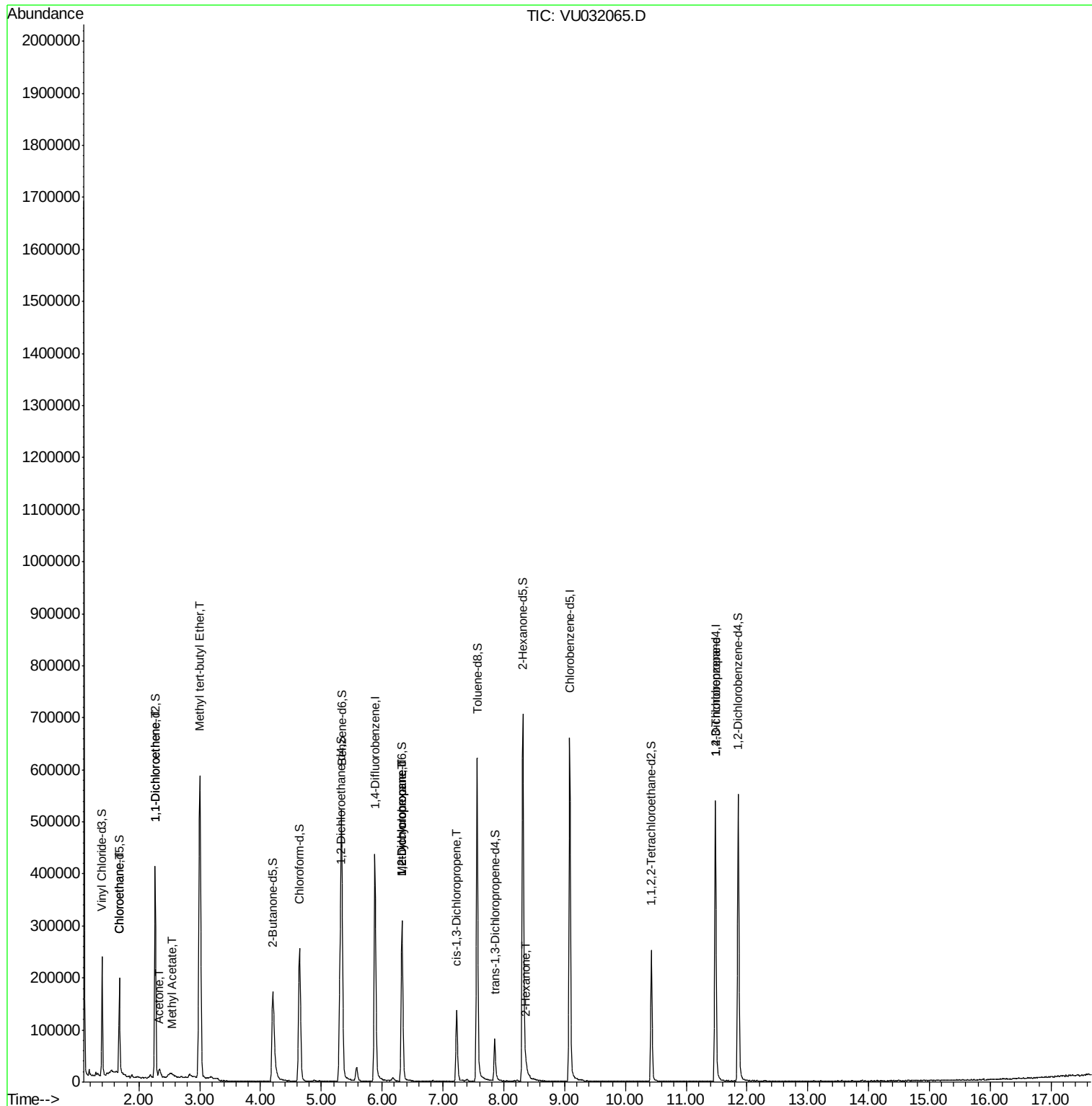
					Qvalue
8) Chloroethane	1.69	64	1648	0.134 ug/L #	60
12) 1,1-Dichloroethene	2.27	96	2461	0.156 ug/L #	1
13) Acetone	2.34	43	18066	8.488 ug/L	96
15) Methyl Acetate	2.54	43	1057	0.173 ug/L #	49
17) Methyl tert-butyl Ether	3.00	73	682688	18.445 ug/L	96
35) Methylcyclohexane	6.32	83	38361	1.587 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	15968	1.055 ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	3516	0.168 ug/L #	66
48) 2-Hexanone	8.38	43	6521	1.198 ug/L #	64
59) 1,2,3-Trichloropropane	11.48	75	16640	1.731 ug/L #	88

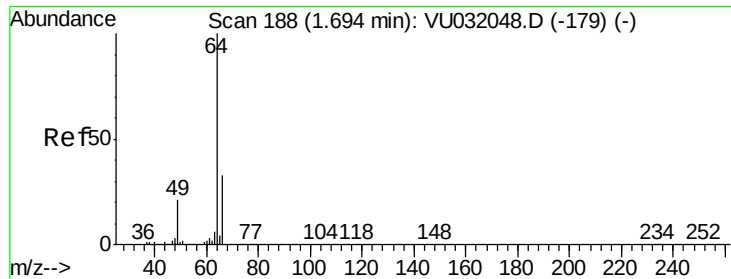
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.134 ug/L

RT: 1.69 min Scan# 186

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

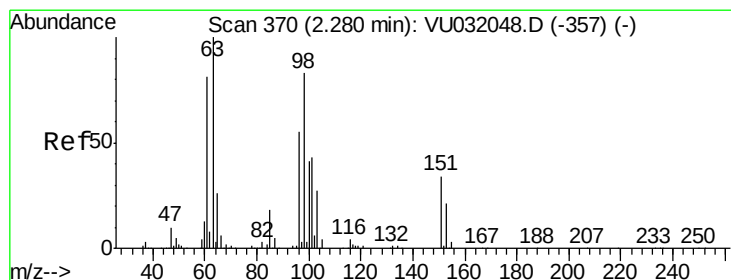
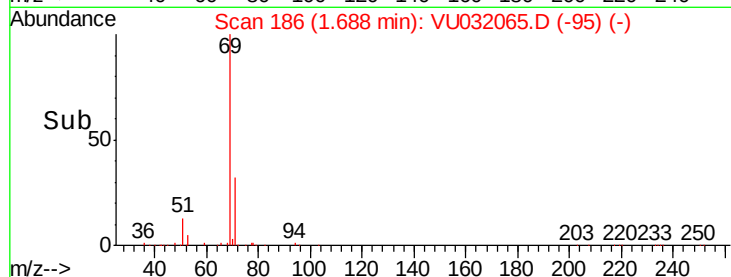
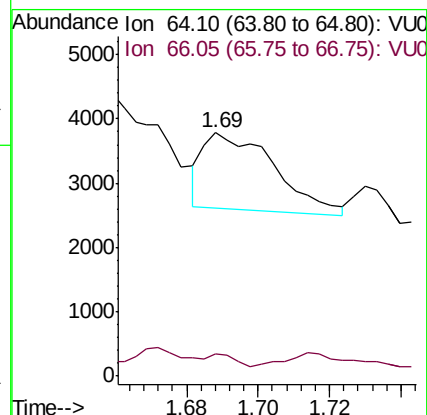
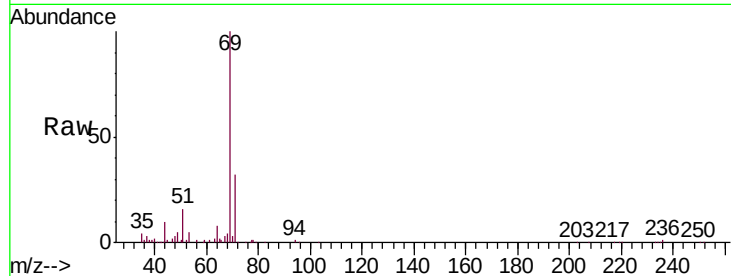
F9W07

Tgt Ion: 64 Resp: 1648

Ion Ratio Lower Upper

64 100

66 9.1 22.0 41.0#



#12

1,1-Dichloroethene

Concen: 0.156 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032065.D

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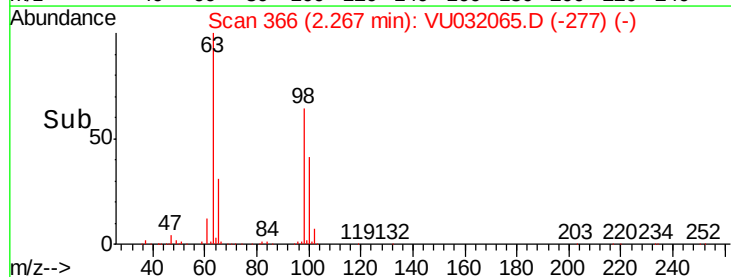
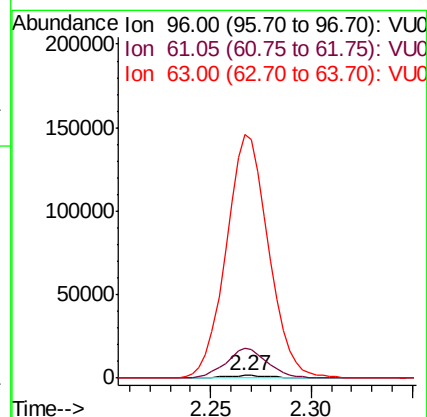
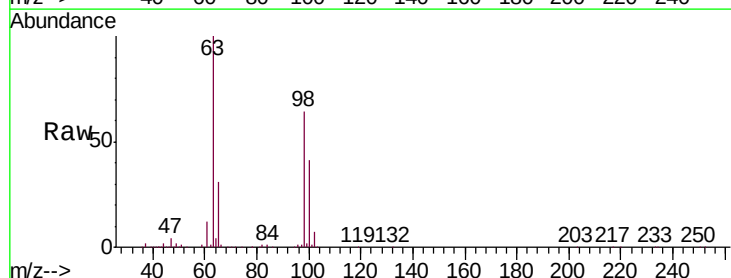
Tgt Ion: 96 Resp: 2461

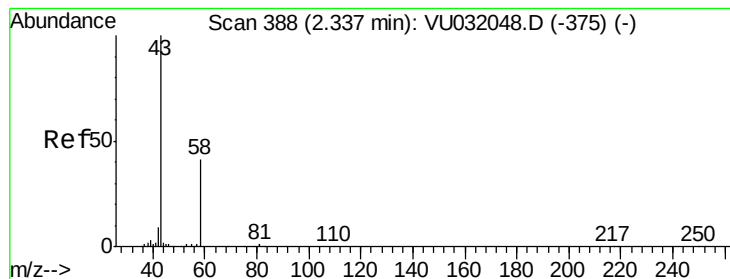
Ion Ratio Lower Upper

96 100

61 1240.6 111.7 207.5#

63 10271.5 152.2 282.6#





#13

Acetone

Concen: 8.488 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

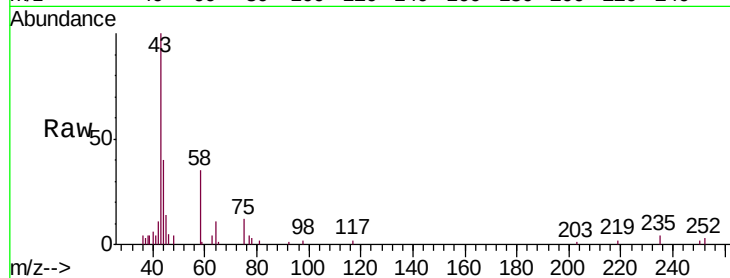
F9W07

Tgt Ion: 43 Resp: 18066

Ion Ratio Lower Upper

43 100

58 41.8 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032048.D (-375) (-)

Ion 58.05 (57.75 to 58.75): VU032048.D (-375) (-)

2.34

8000

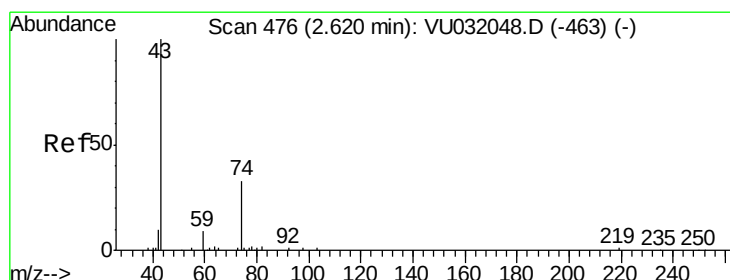
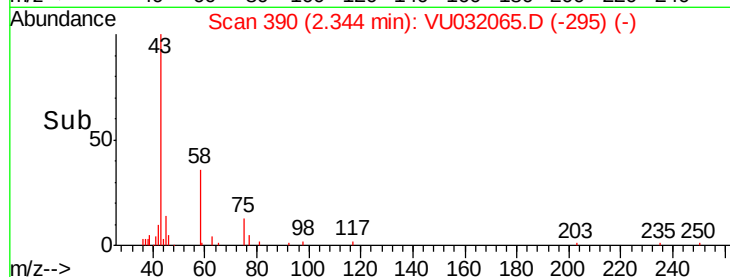
6000

4000

2000

0

Time--> 2.25 2.30 2.35 2.40



#15

Methyl Acetate

Concen: 0.173 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.08 min

Lab File: VU032065.D

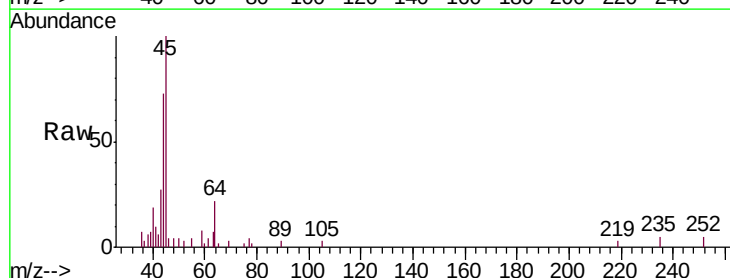
Acq: 16 May 2019 21:54

Tgt Ion: 43 Resp: 1057

Ion Ratio Lower Upper

43 100

74 4.4 26.4 39.6#



Abundance Ion 43.05 (42.75 to 43.75): VU032048.D (-463) (-)

Ion 74.05 (73.75 to 74.75): VU032048.D (-463) (-)

2.54

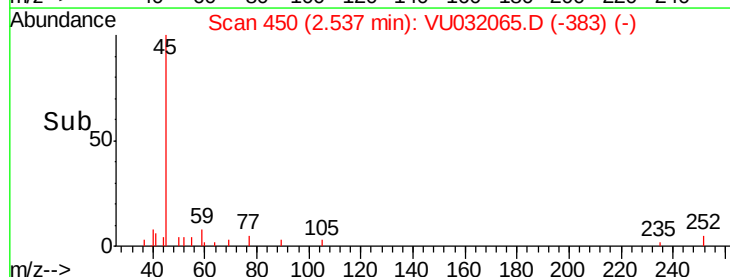
1500

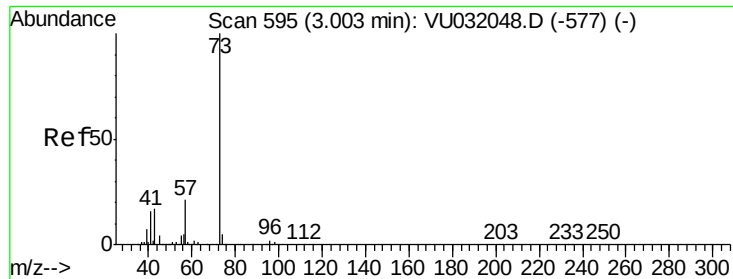
1000

500

0

Time--> 2.52 2.54 2.56

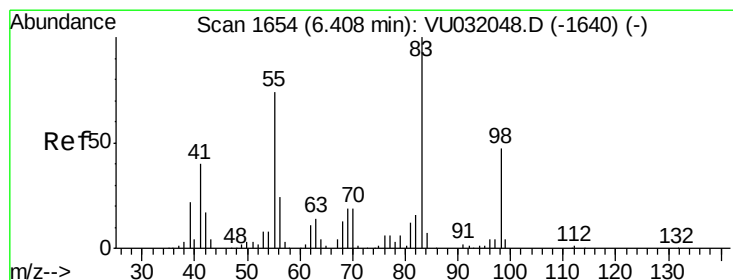
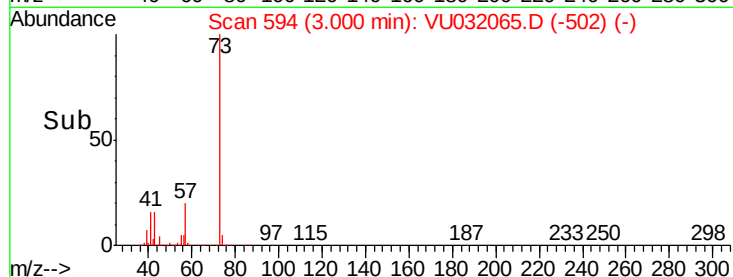
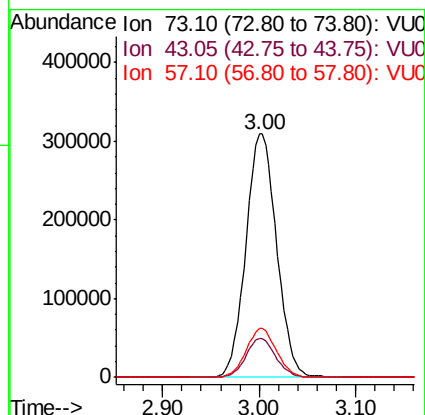
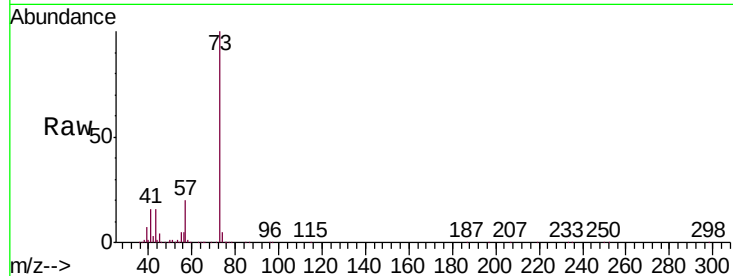




#17
Methyl tert-butyl Ether
Concen: 18.445 ug/L
RT: 3.00 min Scan# 594
Delta R.T. -0.00 min
Lab File: VU032065.D
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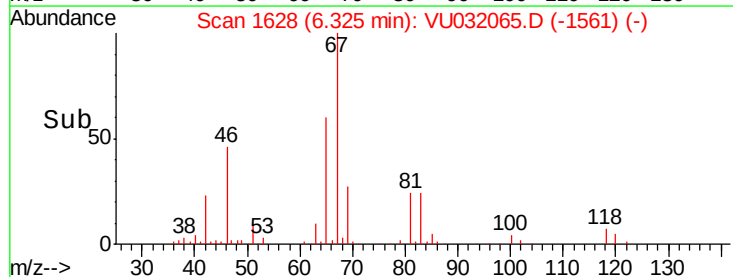
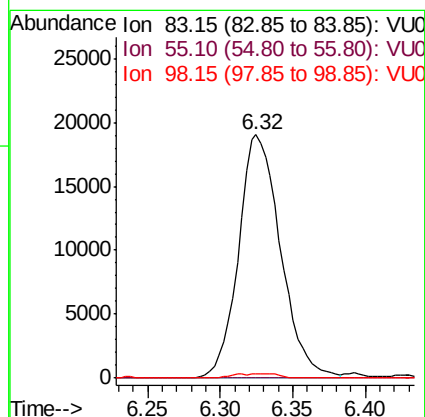
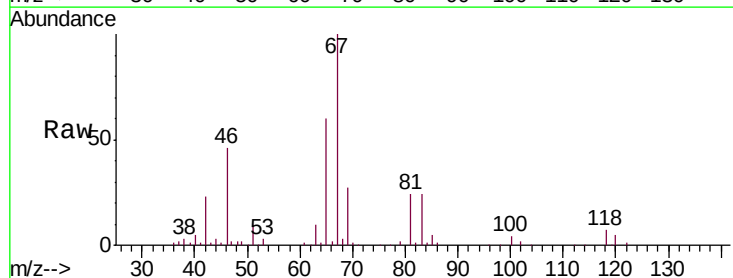
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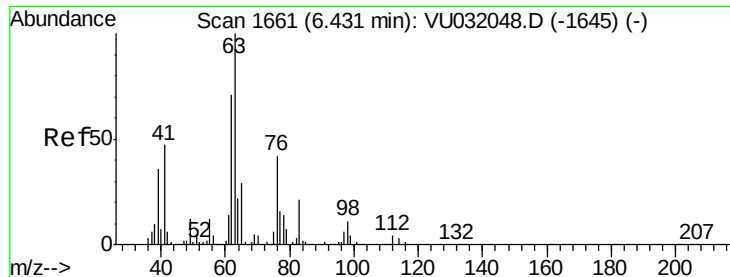
Tgt Ion: 73 Resp: 682688
Ion Ratio Lower Upper
73 100
43 15.6 13.0 19.6
57 19.9 17.9 26.9



#35
Methylcyclohexane
Concen: 1.587 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032065.D
Acq: 16 May 2019 21:54

Tgt Ion: 83 Resp: 38361
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 1.9 36.8 55.2#

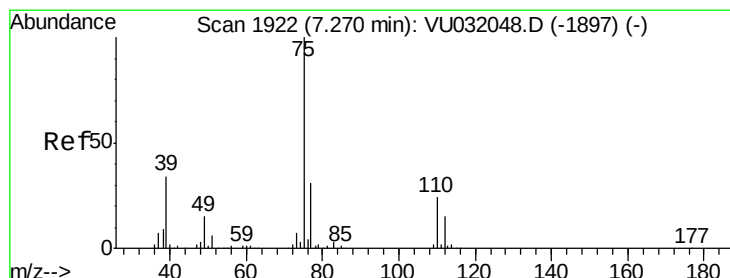
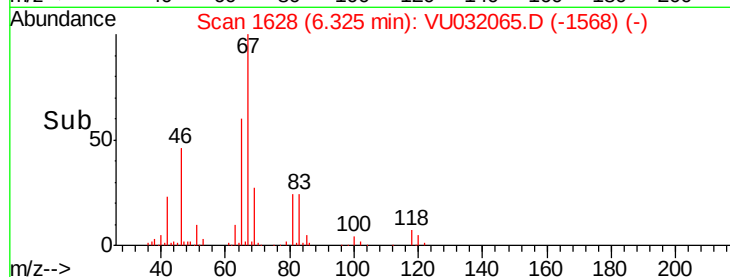
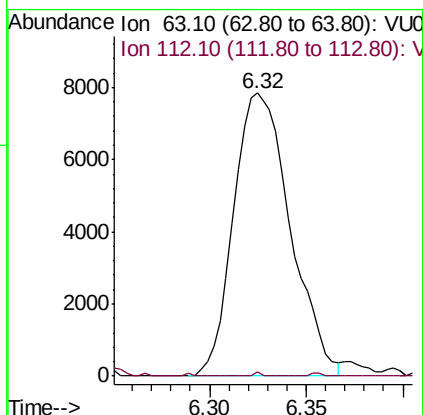
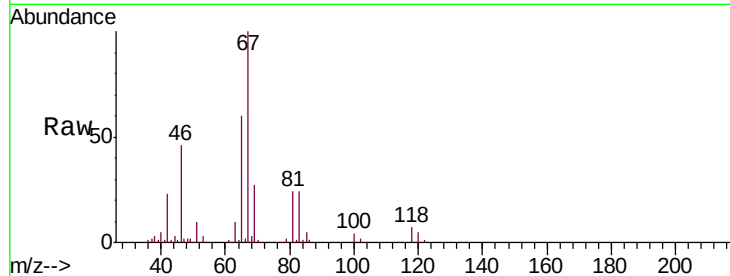




#37
 1,2-Dichloropropane
 Concen: 1.055 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.11 min
 Lab File: VU032065.D
 Acq: 16 May 2019 21:54

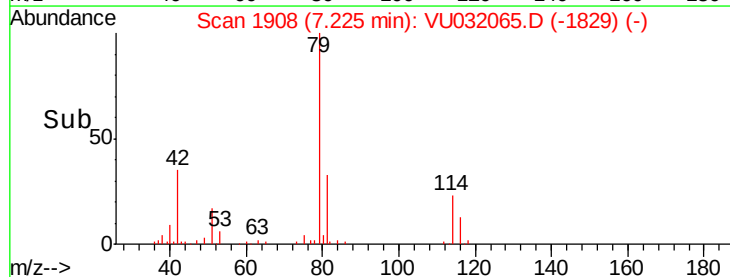
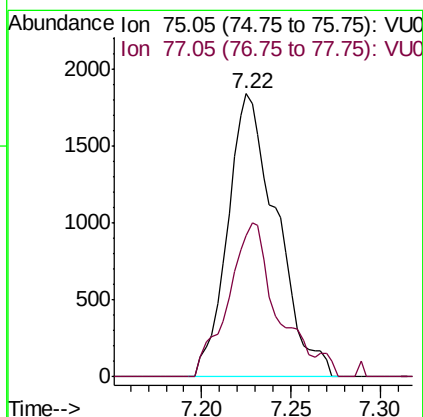
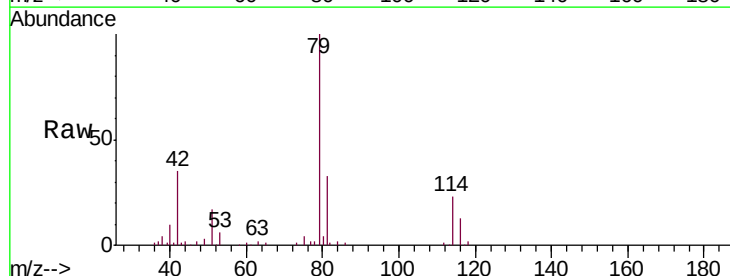
Instrument :
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 ClientSampleId :
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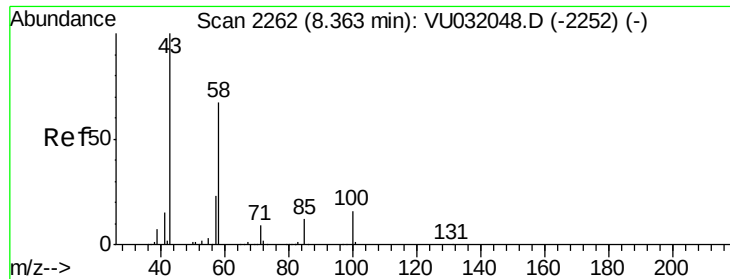
Tgt Ion: 63 Resp: 15968
 Ion Ratio Lower Upper
 63 100
 112 0.1 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.168 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032065.D
 Acq: 16 May 2019 21:54

Tgt Ion: 75 Resp: 3516
 Ion Ratio Lower Upper
 75 100
 77 49.7 21.7 40.3#

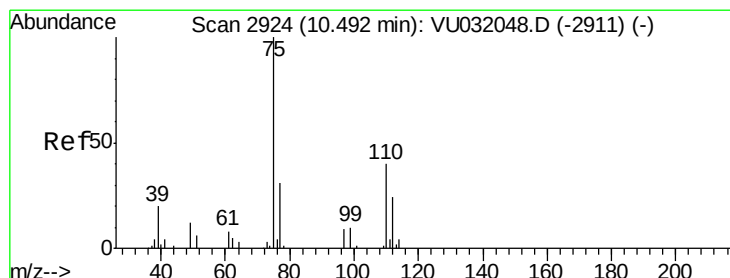
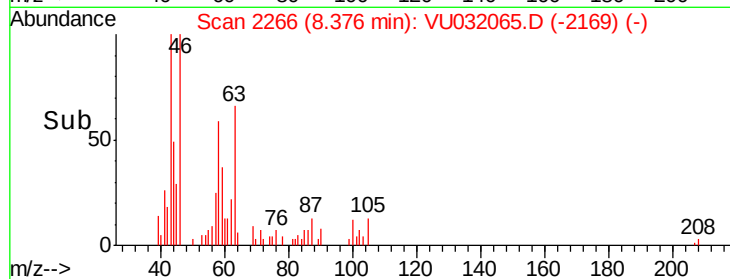
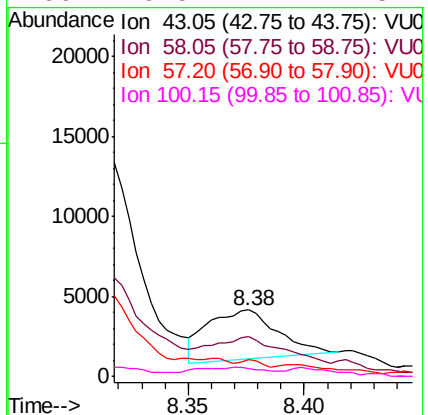
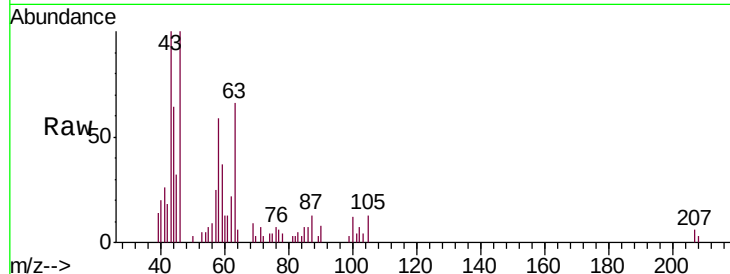




#48
 2-Hexanone
 Concen: 1.198 ug/L
 RT: 8.38 min Scan# 2266
 Delta R.T. 0.01 min
 Lab File: VU032065.D
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Tgt Ion: 43 Resp: 6521
 Ion Ratio Lower Upper
 43 100
 58 94.1 51.6 77.4#
 57 0.0 18.4 27.6#
 100 10.5 12.2 18.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.731 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU032065.D
 Acq: 16 May 2019 21:54

Tgt Ion: 75 Resp: 16640
 Ion Ratio Lower Upper
 75 100
 77 39.5 26.2 39.2#

