

Data File : VU032825.D
Acq On : 18 Jun 2019 15:32
Operator : JC/SP
Sample : K3363-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JT7

Quant Time: Jun 19 01:33:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 01:26:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	226718	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	221685	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	109903	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74133	47.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.70%
7) Chloroethane-d5	1.68	69	61134	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.94%
11) 1,1-Dichloroethene-d2	2.27	63	115487	37.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.00%
21) 2-Butanone-d5	4.17	46	144160	111.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.78%
24) Chloroform-d	4.64	84	145921	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
26) 1,2-Dichloroethane-d4	5.30	65	102455	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.12%
32) Benzene-d6	5.33	84	292435	50.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.32	67	94372	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.52%
41) Toluene-d8	7.56	98	273147	50.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.94%
43) trans-1,3-Dichloropropene-	7.85	79	42054	43.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.84%
47) 2-Hexanone-d5	8.31	63	99859	116.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.17%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	138285	48.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.18%
64) 1,2-Dichlorobenzene-d4	11.85	152	110722	52.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.12%

Target Compounds

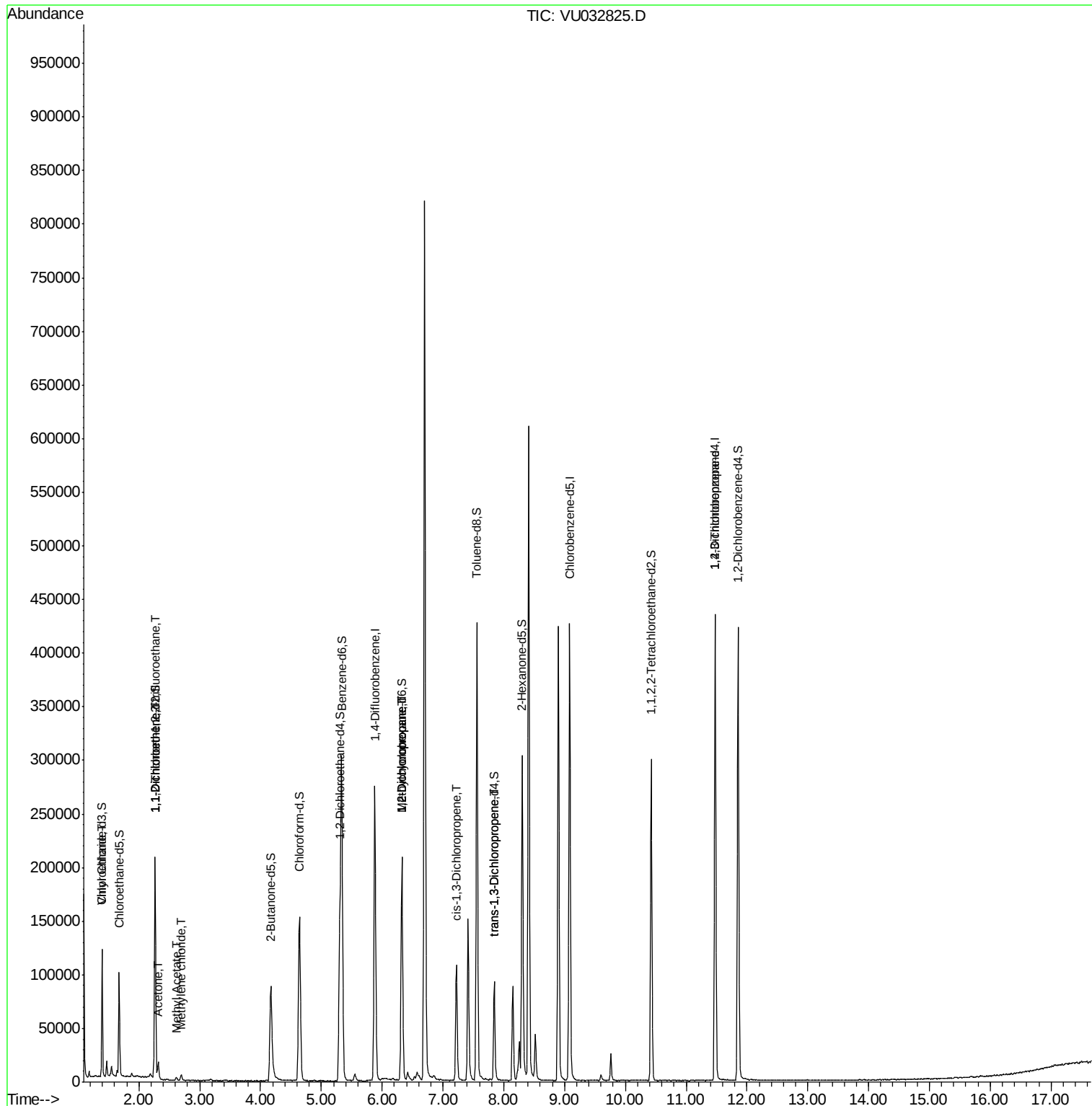
					Qvalue	
8) Chloroethane	1.40	64	1029	0.868	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	935	0.617	ug/L #	17
12) 1,1-Dichloroethene	2.26	96	792	0.555	ug/L #	1
13) Acetone	2.32	43	15751	8.843	ug/L	99
15) Methyl Acetate	2.62	43	3458	1.713	ug/L #	90
16) Methylene chloride	2.69	84	2424	1.447	ug/L	97
35) Methylcyclohexane	6.32	83	21867	8.291	ug/L #	18
37) 1,2-Dichloropropane	6.32	63	10948	6.250	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3094	1.134	ug/L #	65
44) trans-1,3-Dichloropropene	7.84	75	2124	0.829	ug/L	83
59) 1,2,3-Trichloropropane	11.48	75	14338	6.133	ug/L	93

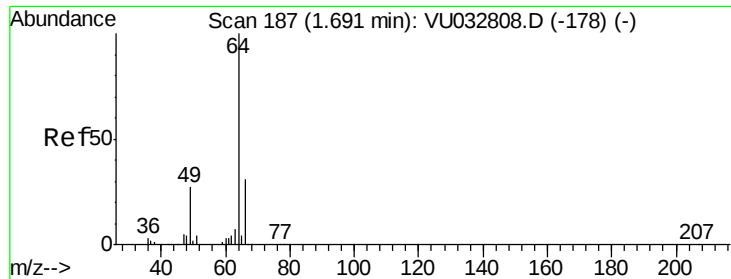
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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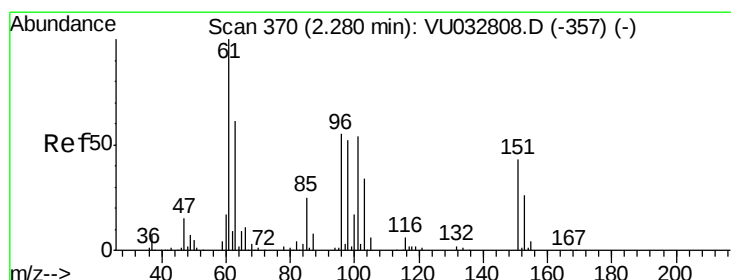
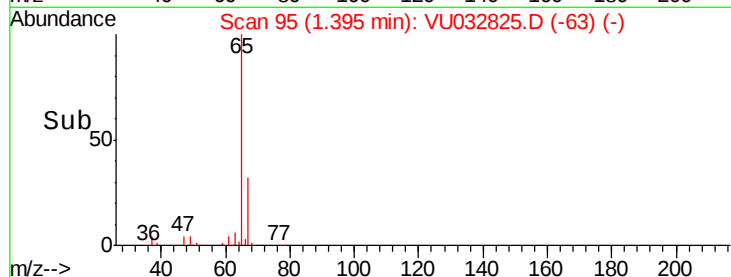
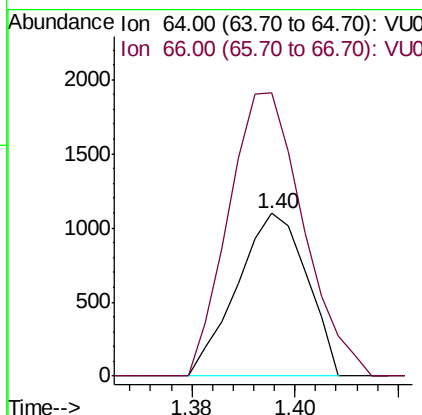
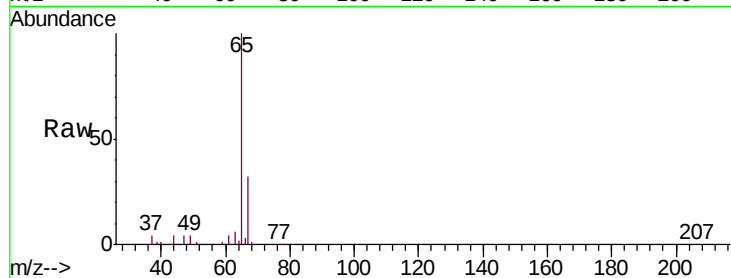




#8
Chloroethane
Concen: 0.868 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.30 min
Lab File: VU032825.D
Acq: 18 Jun 2019 15:32

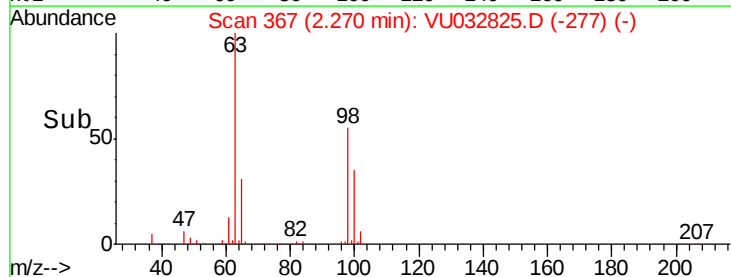
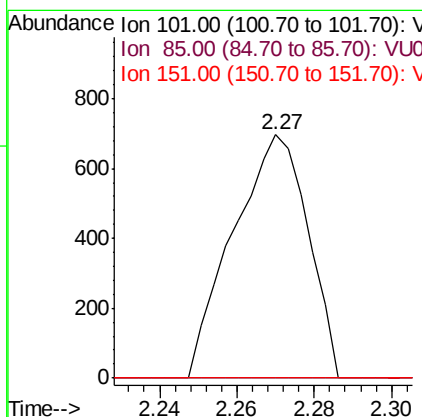
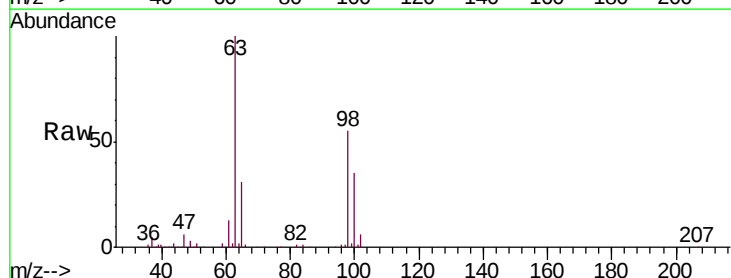
Instrument :
MSVOA_U
ClientSampleId :
C0JT7

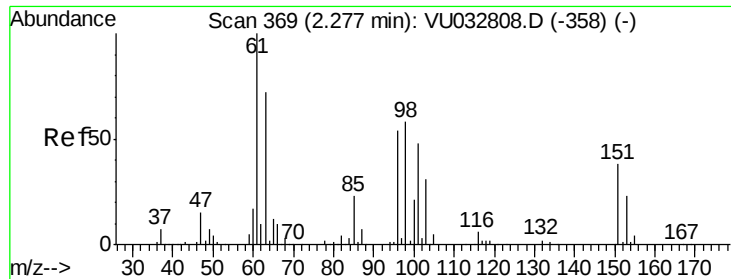
Tgt Ion: 64 Resp: 1029
Ion Ratio Lower Upper
64 100
66 174.0 22.5 41.7#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.617 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU032825.D
Acq: 18 Jun 2019 15:32

Tgt Ion: 101 Resp: 935
Ion Ratio Lower Upper
101 100
85 0.0 36.8 55.2#
151 0.0 63.6 95.4#





#12

1,1-Dichloroethene

Concen: 0.555 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU032825.D

Acq: 18 Jun 2019 15:32

Instrument :

MSVOA_U

ClientSampleId :

C0JT7

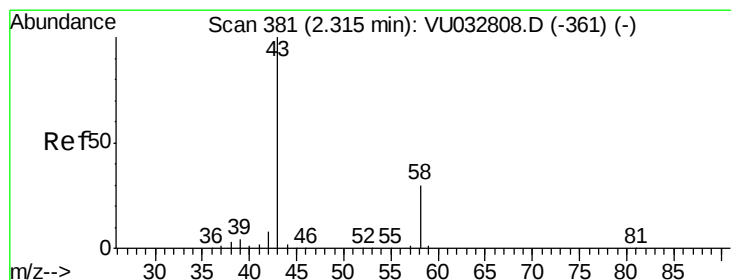
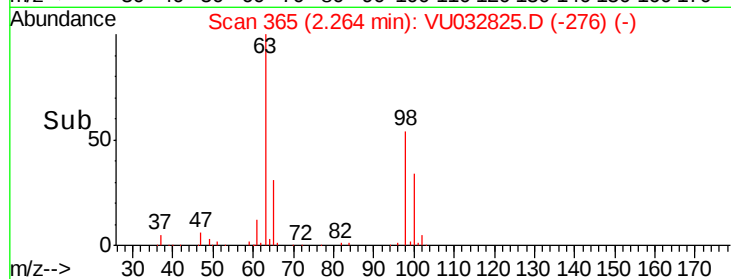
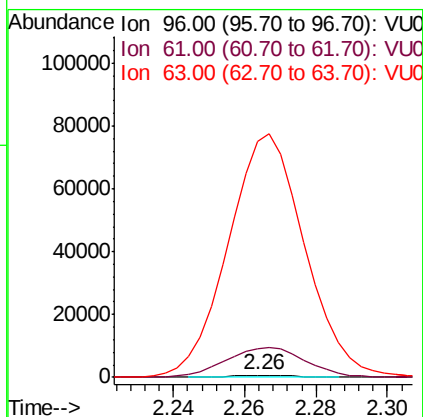
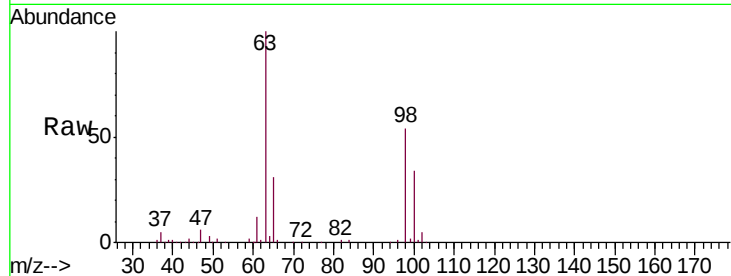
Tgt Ion: 96 Resp: 792

Ion Ratio Lower Upper

96 100

61 1607.1 131.0 243.4#

63 13040.3 101.0 187.6#



#13

Acetone

Concen: 8.843 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032825.D

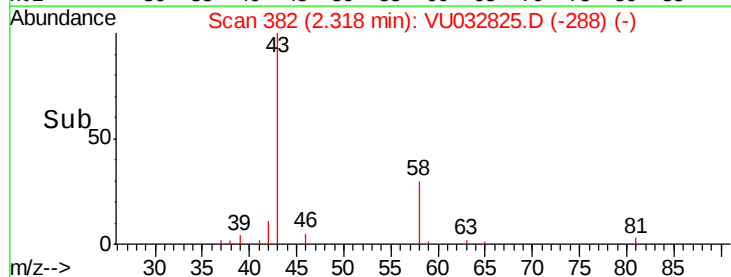
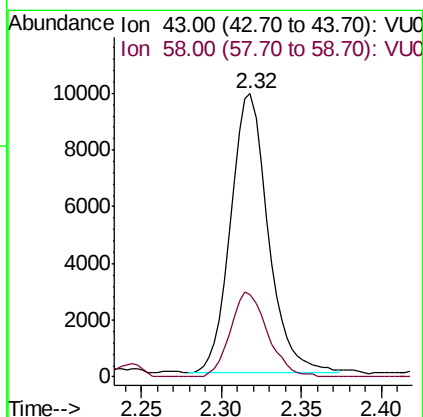
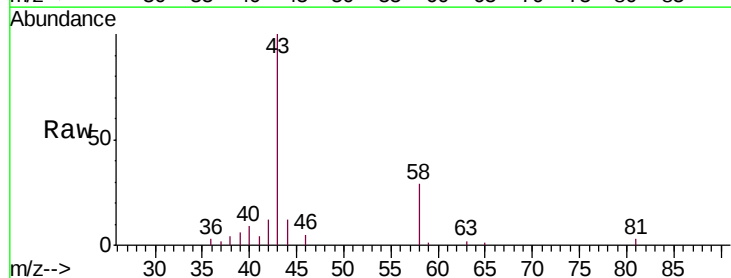
Acq: 18 Jun 2019 15:32

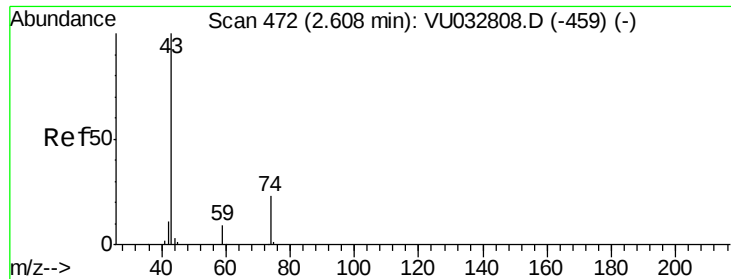
Tgt Ion: 43 Resp: 15751

Ion Ratio Lower Upper

43 100

58 29.8 0.0 60.6





#15

Methyl Acetate

Concen: 1.713 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.01 min

Lab File: VU032825.D

Acq: 18 Jun 2019 15:32

Instrument :

MSVOA_U

ClientSampleId :

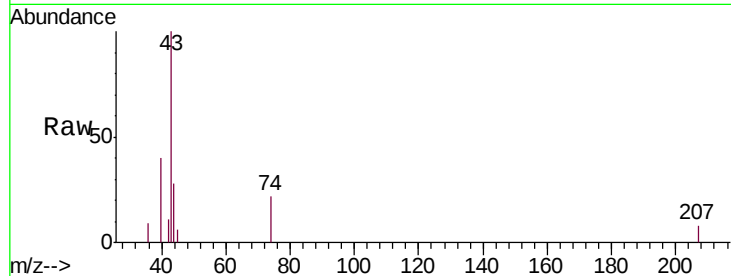
C0JT7

Tgt Ion: 43 Resp: 3458

Ion Ratio Lower Upper

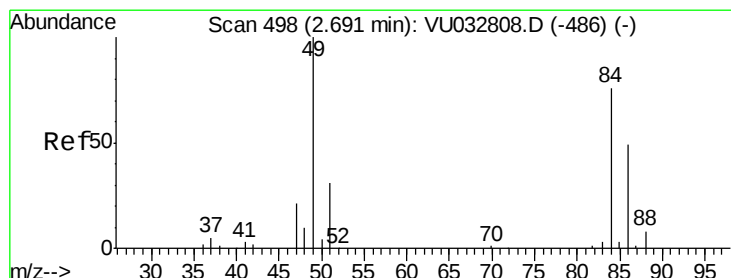
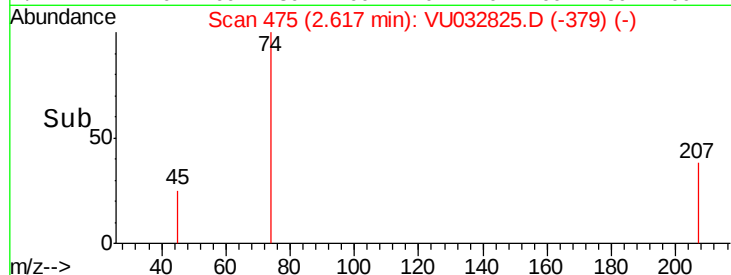
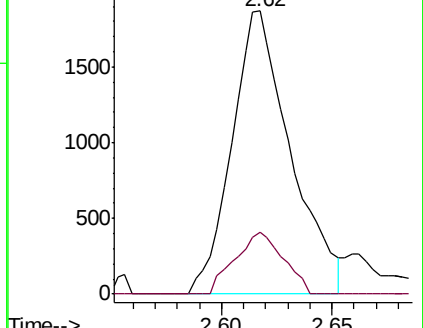
43 100

74 18.0 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VU032808.D (-459) (-)

Ion 74.00 (73.70 to 74.70): VU032808.D (-459) (-)



#16

Methylene chloride

Concen: 1.447 ug/L

RT: 2.69 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU032825.D

Acq: 18 Jun 2019 15:32

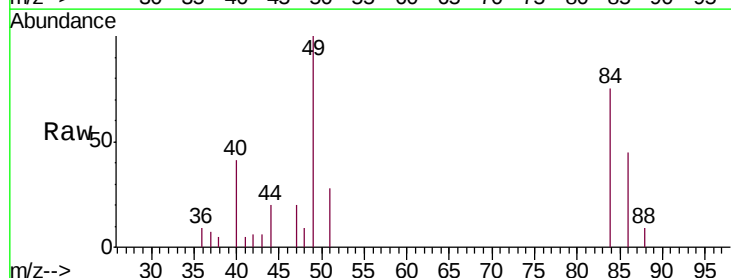
Tgt Ion: 84 Resp: 2424

Ion Ratio Lower Upper

84 100

86 59.2 45.5 84.5

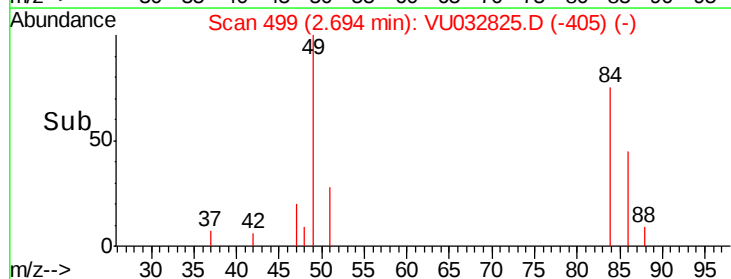
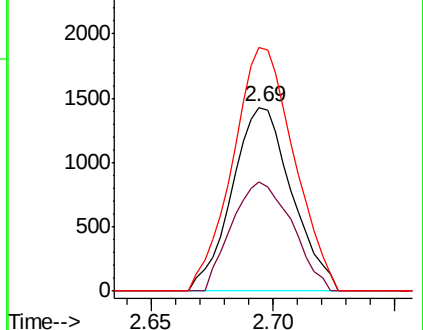
49 132.7 92.1 171.1

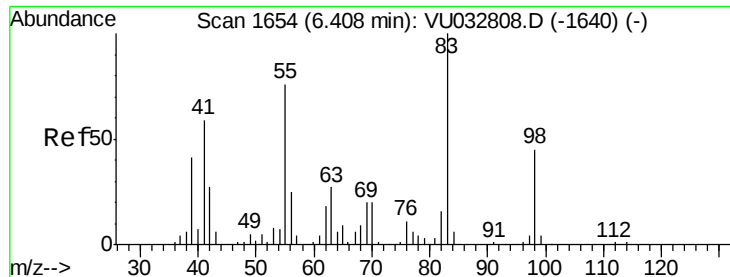


Abundance Ion 84.00 (83.70 to 84.70): VU032808.D (-486) (-)

Ion 86.00 (85.70 to 86.70): VU032808.D (-486) (-)

Ion 49.00 (48.70 to 49.70): VU032808.D (-486) (-)

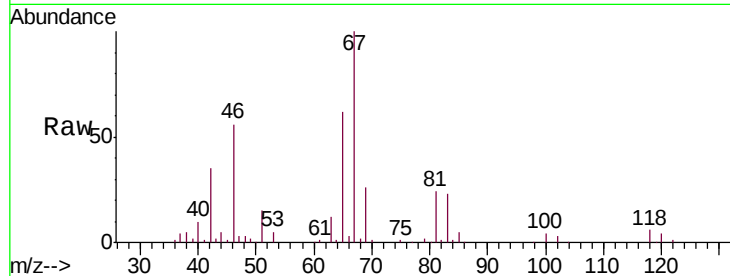




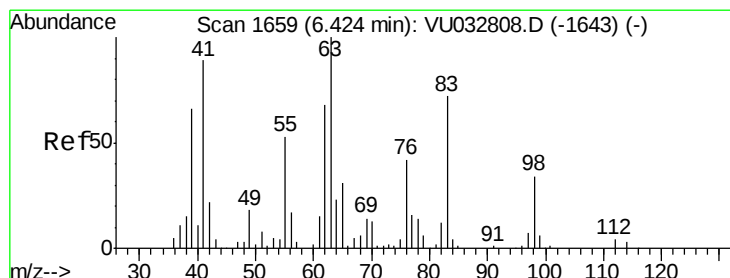
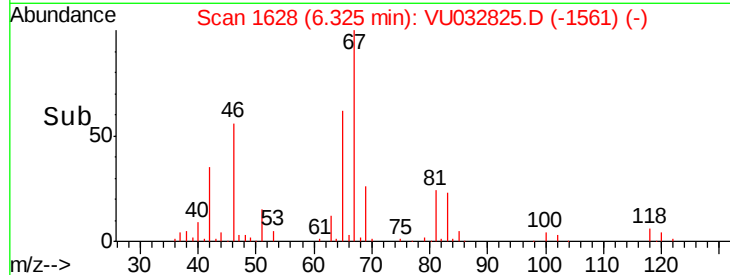
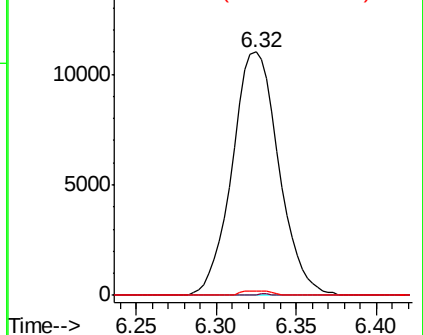
#35
Methylcyclohexane
Concen: 8.291 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032825.D
Acq: 18 Jun 2019 15:32

Instrument :
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Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.6	94.0#
98	1.2	37.4	56.0#

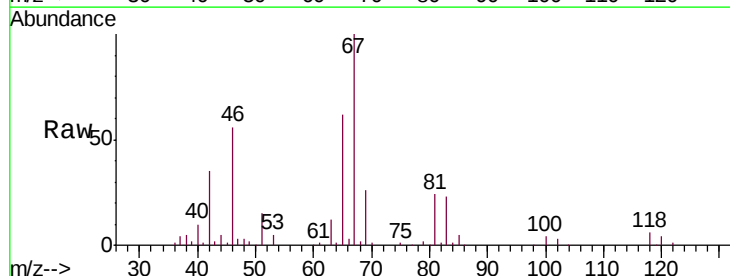


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

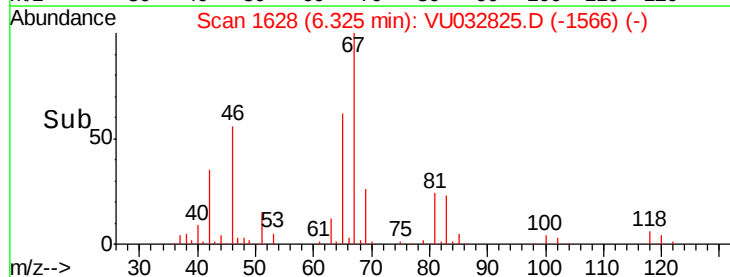
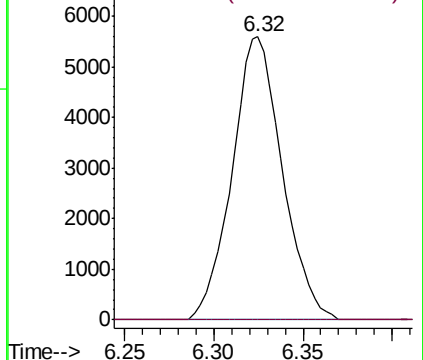


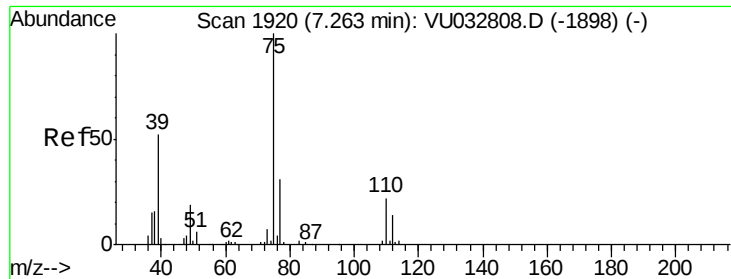
#37
1,2-Dichloropropane
Concen: 6.250 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032825.D
Acq: 18 Jun 2019 15:32

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 1.134 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU032825.D

Acq: 18 Jun 2019 15:32

Instrument :

MSVOA_U

ClientSampleId :

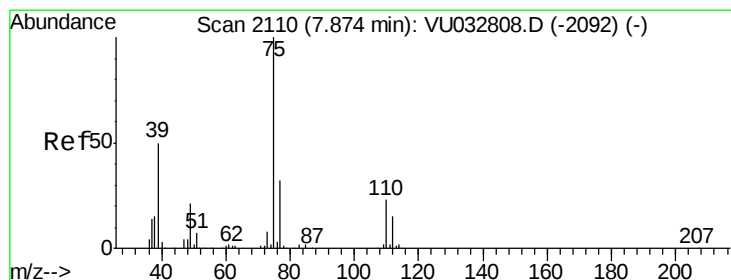
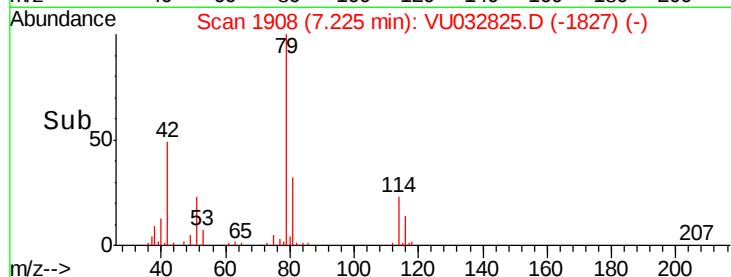
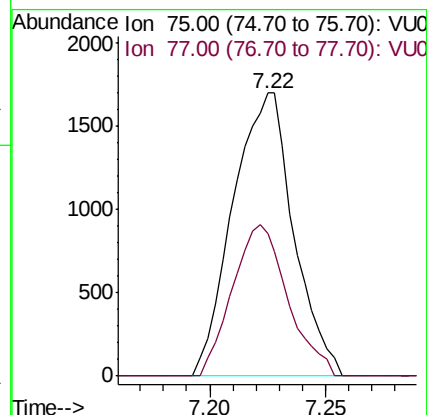
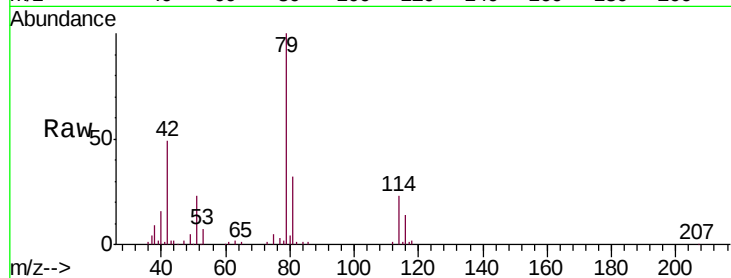
C0JT7

Tgt Ion: 75 Resp: 3094

Ion Ratio Lower Upper

75 100

77 50.4 21.9 40.7#



#44

trans-1,3-Dichloropropene

Concen: 0.829 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU032825.D

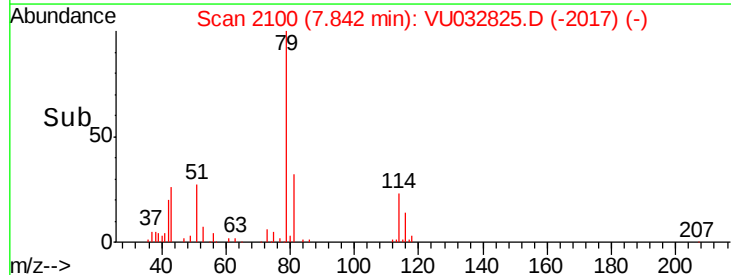
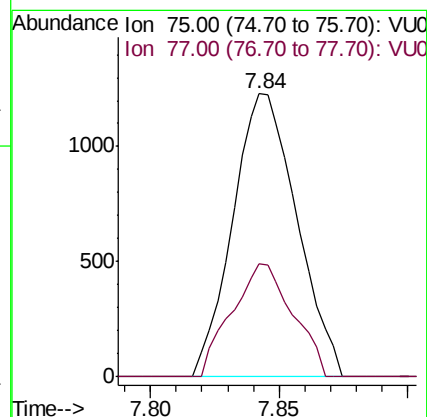
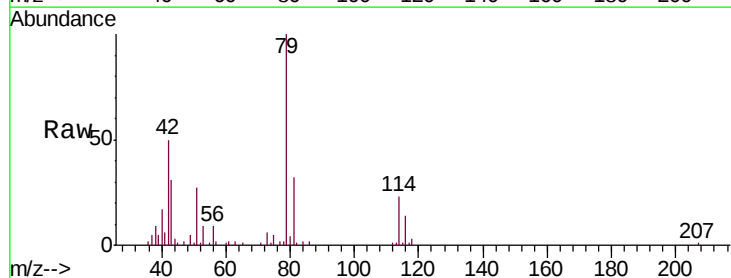
Acq: 18 Jun 2019 15:32

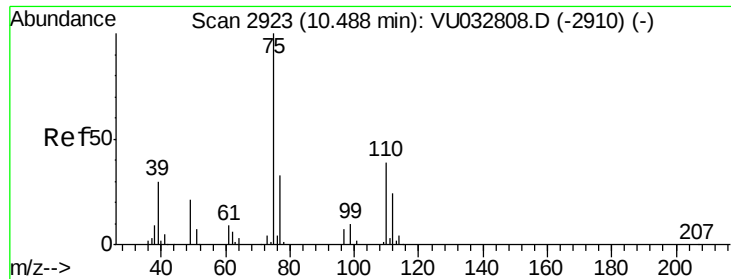
Tgt Ion: 75 Resp: 2124

Ion Ratio Lower Upper

75 100

77 40.2 21.8 40.4





#59

1,2,3-Trichloropropane

Concen: 6.133 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032825.D

Acq: 18 Jun 2019 15:32

Instrument :

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ClientSampleId :

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Tgt Ion: 75 Resp: 14338

Ion Ratio Lower Upper

75 100

77 35.7 25.5 38.3

