

Data File : VU029537.D
Acq On : 18 Feb 2019 18:07
Operator : JC/SP
Sample : K1522-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AM5

Quant Time: Feb 19 00:25:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 19 00:19:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	222386	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	214901	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	114321	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56556	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.68	69	50736	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.80%
11) 1,1-Dichloroethene-d2	2.27	63	91157	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	4.19	46	149696	48.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.38%
24) Chloroform-d	4.65	84	94517	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
26) 1,2-Dichloroethane-d4	5.31	65	57387	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.34	84	219139	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.33	67	66477	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.56	98	208066	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	7.85	79	26641	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.31	63	152082	48.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60543	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	92873	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

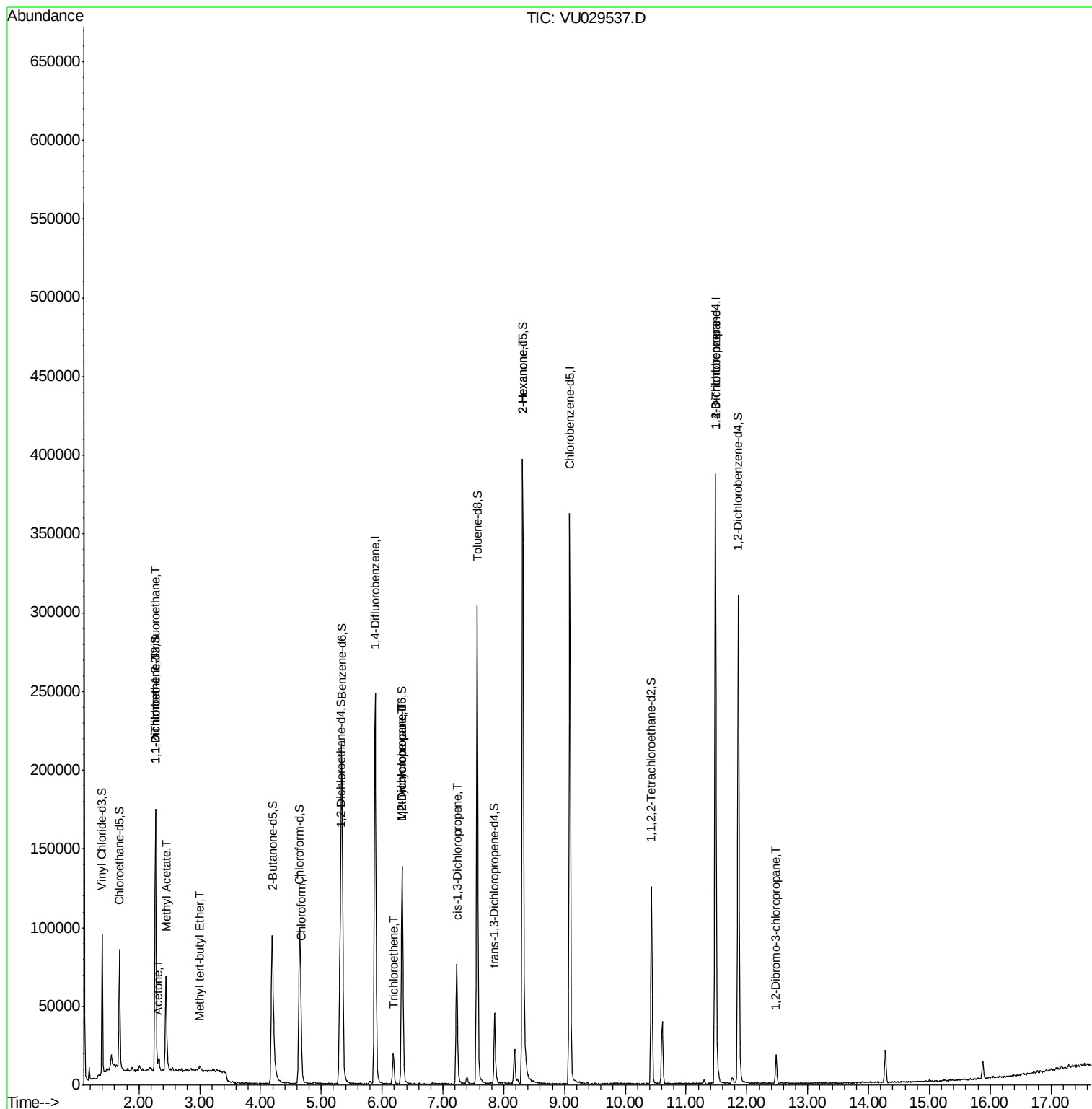
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	984	0.051	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1137	0.062	ug/L #	1
13) Acetone	2.32	43	6276	2.224	ug/L	100
15) Methyl Acetate	2.44	43	13447	1.860	ug/L #	47
17) Methyl tert-butyl Ether	3.00	73	3349	0.073	ug/L #	85
25) Chloroform	4.67	83	10832	0.368	ug/L	99
34) Trichloroethene	6.18	95	6815	0.383	ug/L	94
35) Methylcyclohexane	6.33	83	15653	0.523	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	7209	0.455	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1871	0.075	ug/L #	62
48) 2-Hexanone	8.31	43	15329	2.303	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	11640	1.145	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	616	0.258	ug/L #	1

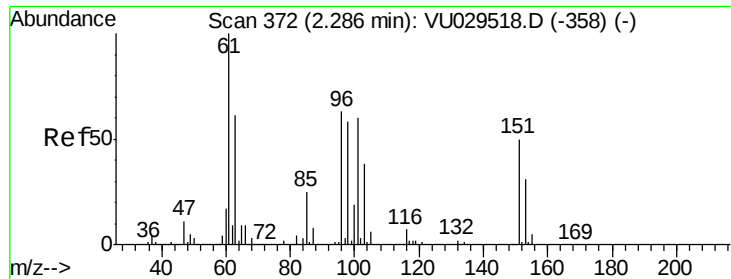
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.051 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029537.D

Acq: 18 Feb 2019 18:07

Instrument :

MSVOA_U

ClientSampled :

C0AM5

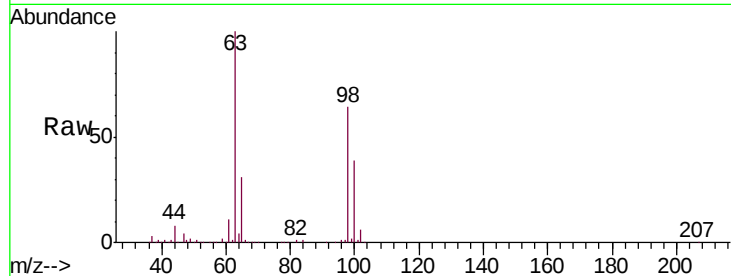
Tgt Ion: 101 Resp: 984

Ion Ratio Lower Upper

101 100

85 1.9 35.1 52.7#

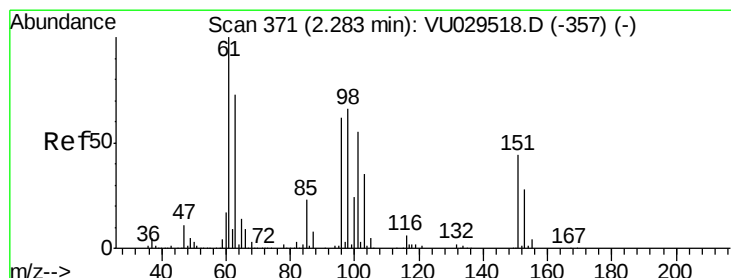
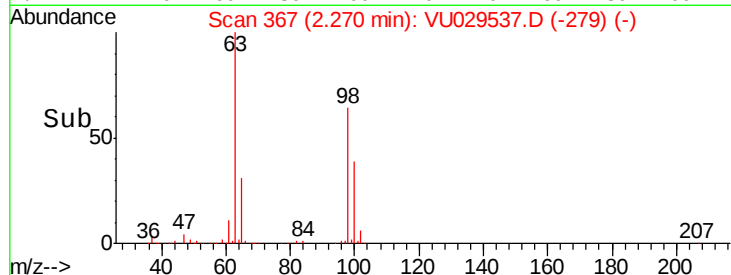
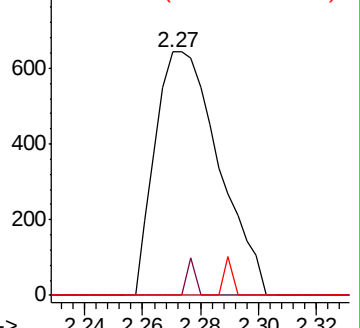
151 2.0 67.0 100.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.062 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029537.D

Acq: 18 Feb 2019 18:07

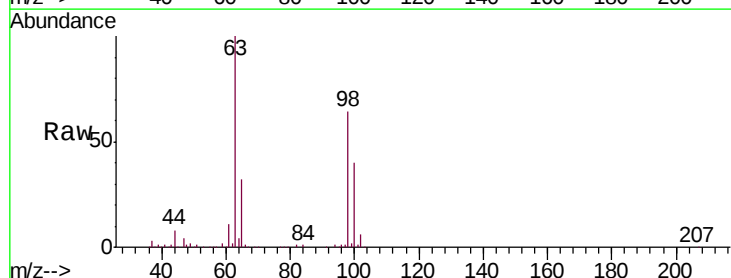
Tgt Ion: 96 Resp: 1137

Ion Ratio Lower Upper

96 100

61 910.2 115.1 213.7#

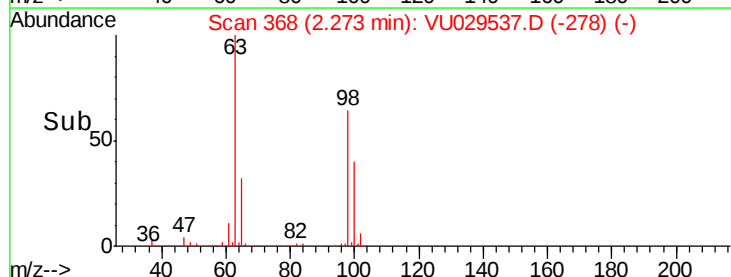
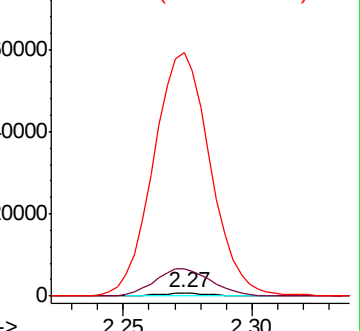
63 8096.2 83.5 155.1#

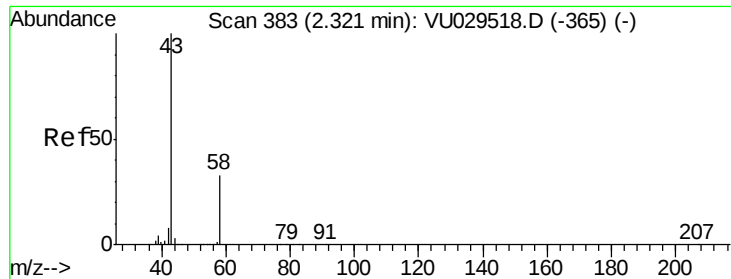


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.224 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029537.D

Acq: 18 Feb 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

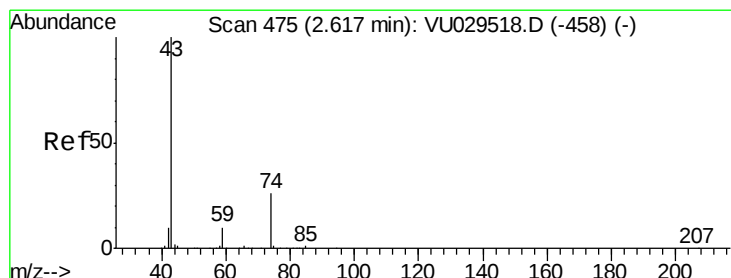
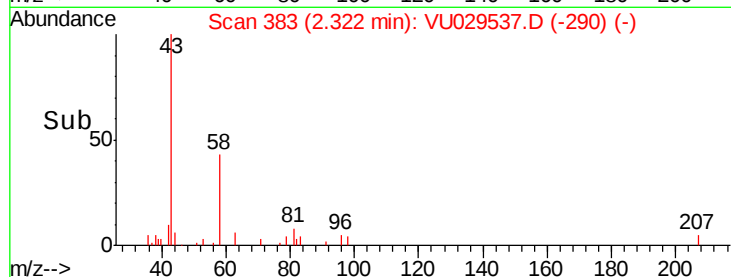
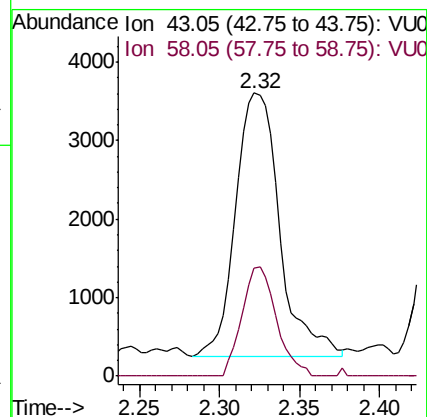
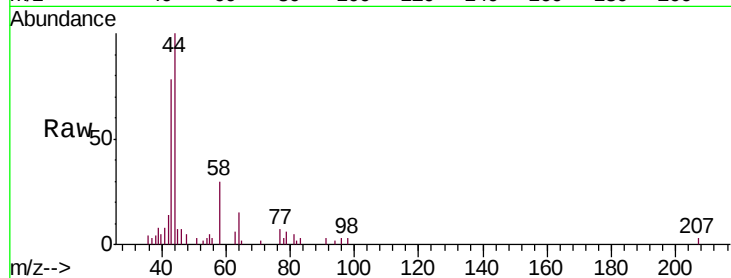
C0AM5

Tgt Ion: 43 Resp: 6276

Ion Ratio Lower Upper

43 100

58 32.4 0.0 65.0



#15

Methyl Acetate

Concen: 1.860 ug/L

RT: 2.44 min Scan# 421

Delta R.T. -0.17 min

Lab File: VU029537.D

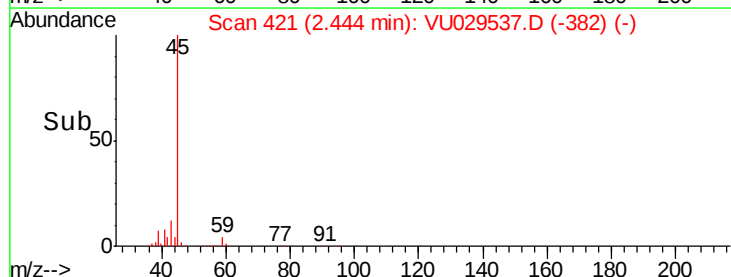
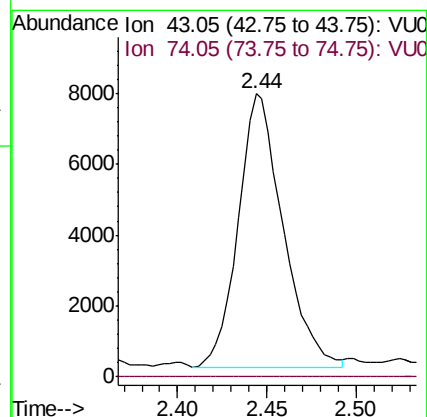
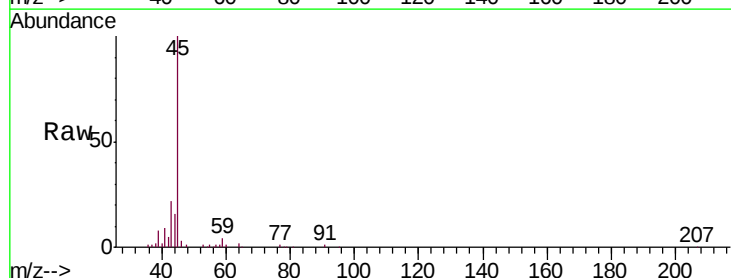
Acq: 18 Feb 2019 18:07

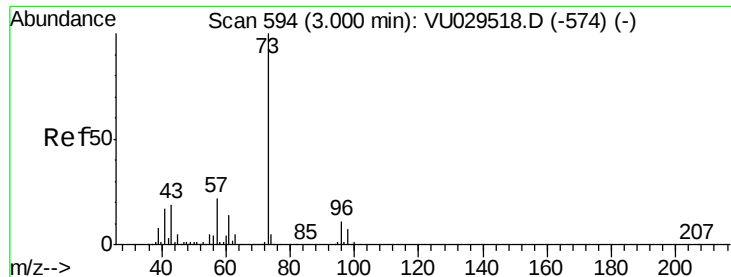
Tgt Ion: 43 Resp: 13447

Ion Ratio Lower Upper

43 100

74 0.1 22.3 33.5#





#17

Methyl tert-butyl Ether

Concen: 0.073 ug/L

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU029537.D

Acq: 18 Feb 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

C0AM5

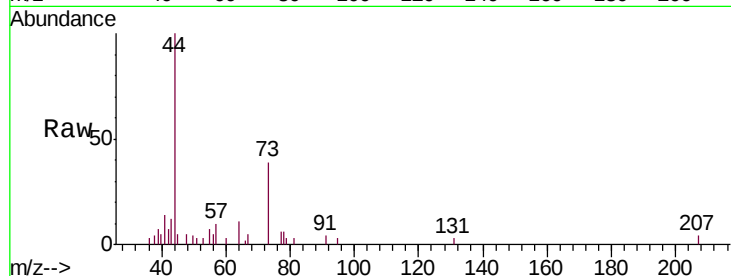
Tgt Ion: 73 Resp: 3349

Ion Ratio Lower Upper

73 100

43 14.2 16.0 24.0#

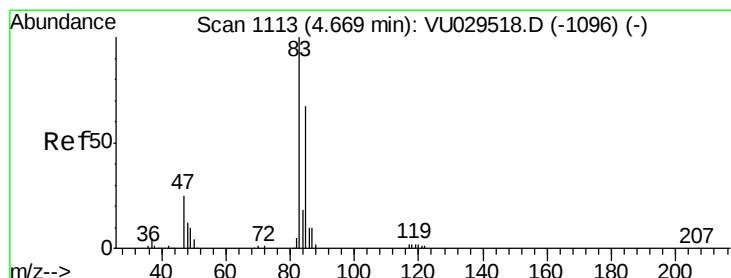
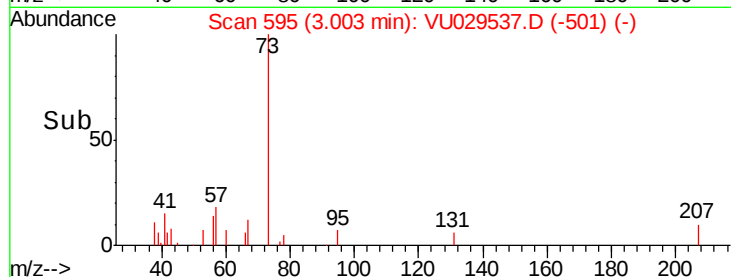
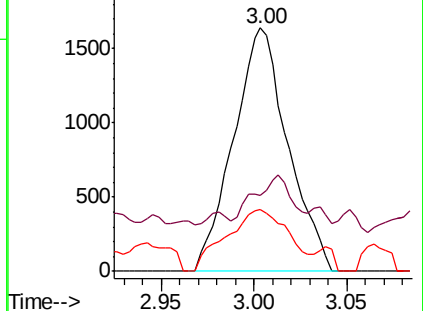
57 28.8 16.9 25.3#



Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0



#25

Chloroform

Concen: 0.368 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029537.D

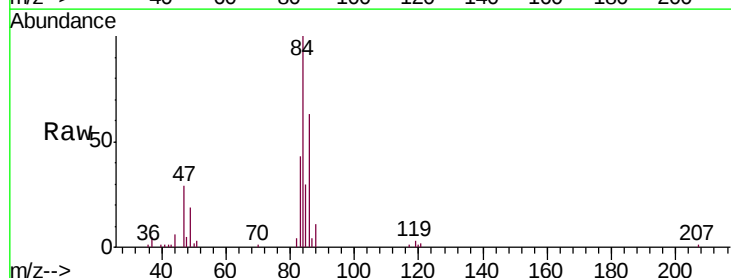
Acq: 18 Feb 2019 18:07

Tgt Ion: 83 Resp: 10832

Ion Ratio Lower Upper

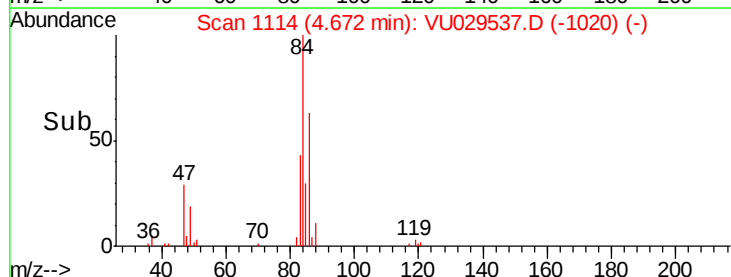
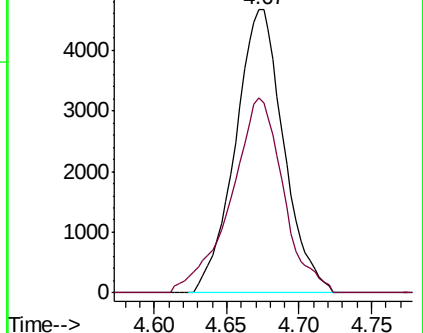
83 100

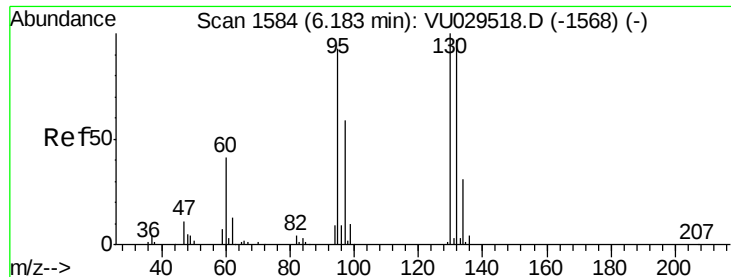
85 69.1 47.8 88.8



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

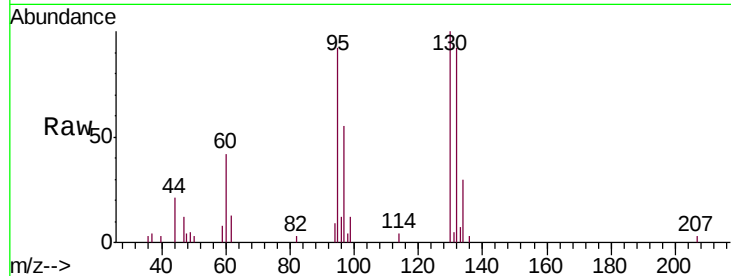




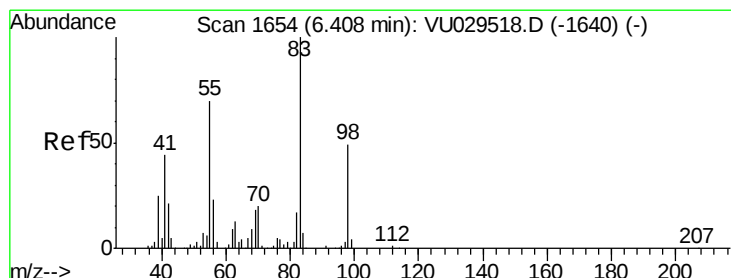
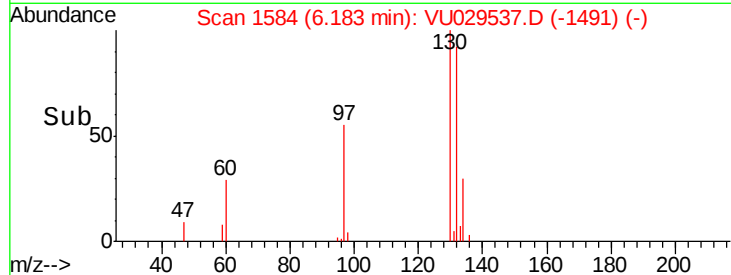
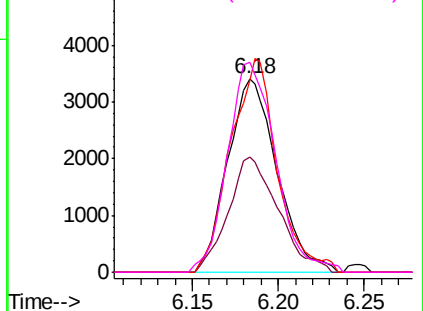
#34
 Trichloroethene
 Concen: 0.383 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU029537.D
 Acq: 18 Feb 2019 18:07

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AM5

Tgt Ion: 95 Resp: 6815
 Ion Ratio Lower Upper
 95 100
 97 59.8 46.3 86.1
 132 99.2 72.9 135.3
 130 108.1 79.2 147.0

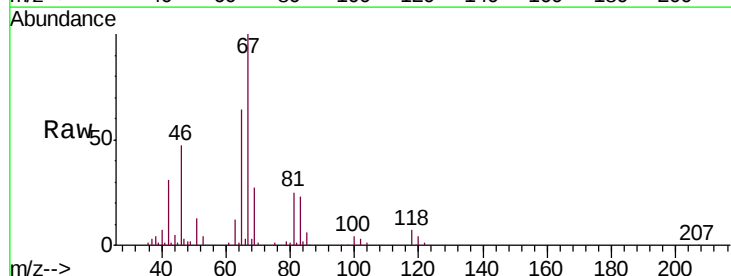


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

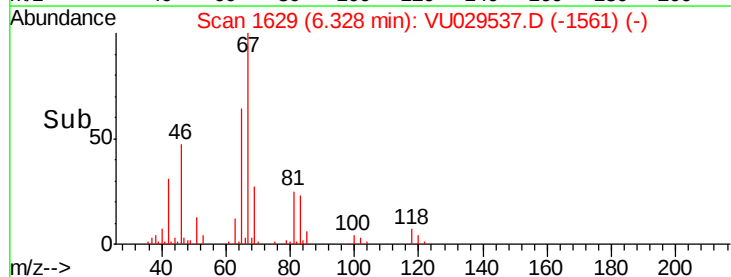
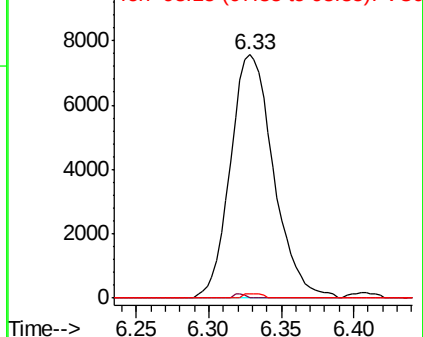


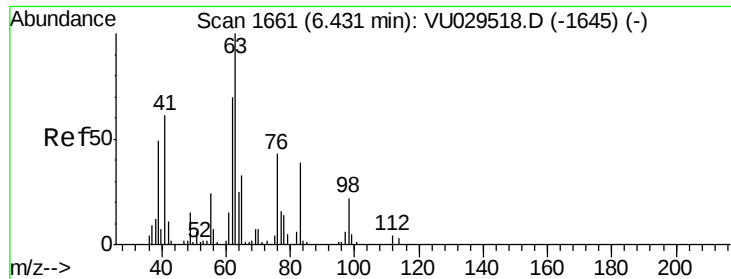
#35
 Methylcyclohexane
 Concen: 0.523 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.08 min
 Lab File: VU029537.D
 Acq: 18 Feb 2019 18:07

Tgt Ion: 83 Resp: 15653
 Ion Ratio Lower Upper
 83 100
 55 0.4 55.9 83.9#
 98 0.8 38.6 57.8#



Abundance Ion 83.15 (82.85 to 83.85): VU0
 Ion 55.10 (54.80 to 55.80): VU0
 Ion 98.15 (97.85 to 98.85): VU0

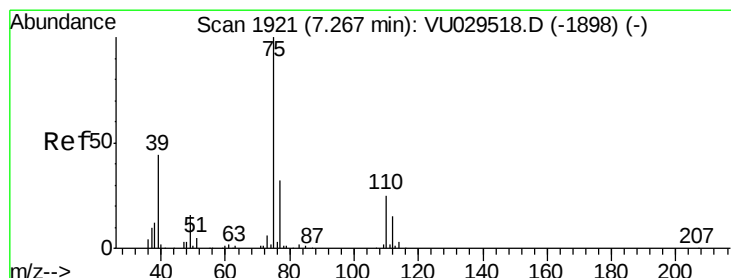
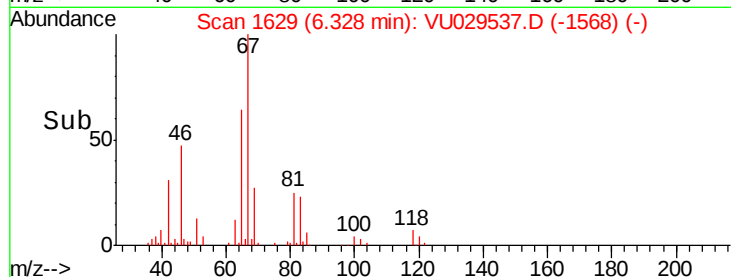
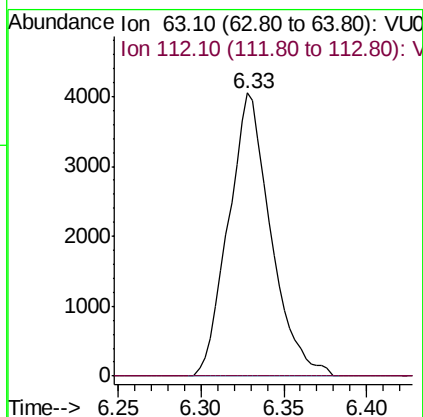
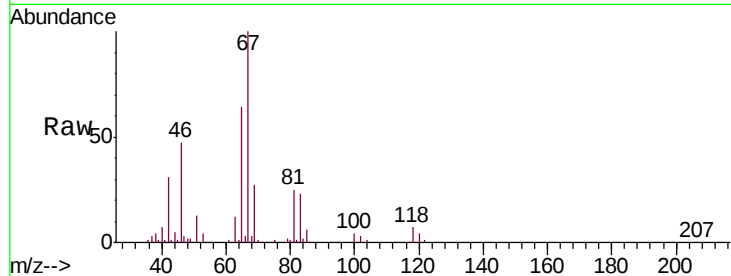




#37
 1,2-Dichloropropane
 Concen: 0.455 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU029537.D
 Acq: 18 Feb 2019 18:07

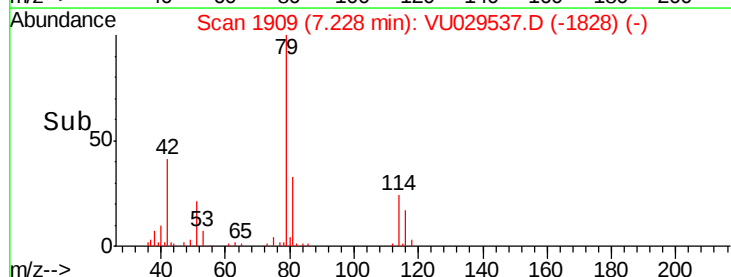
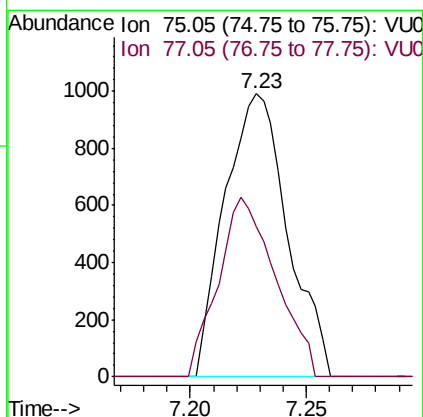
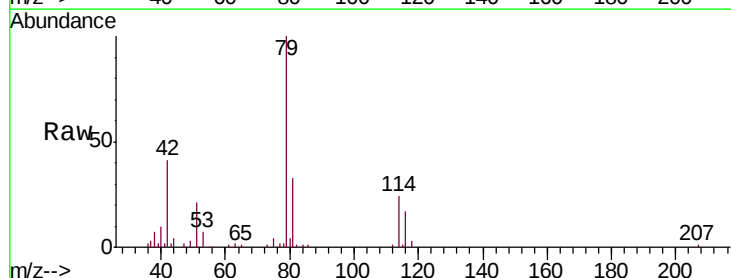
Instrument :
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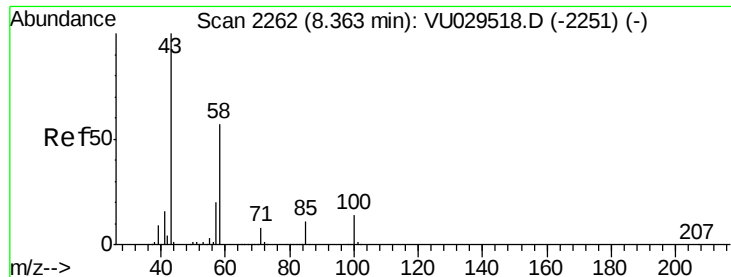
Tgt Ion: 63 Resp: 7209
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.075 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU029537.D
 Acq: 18 Feb 2019 18:07

Tgt Ion: 75 Resp: 1871
 Ion Ratio Lower Upper
 75 100
 77 53.0 22.3 41.3#

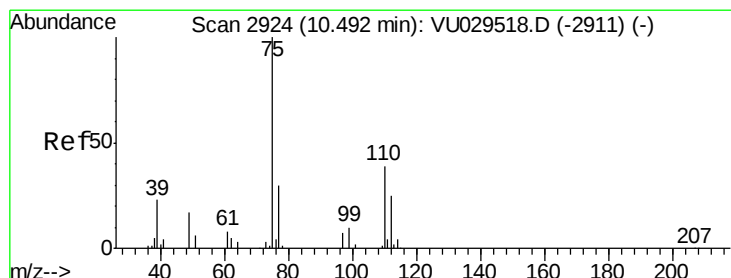
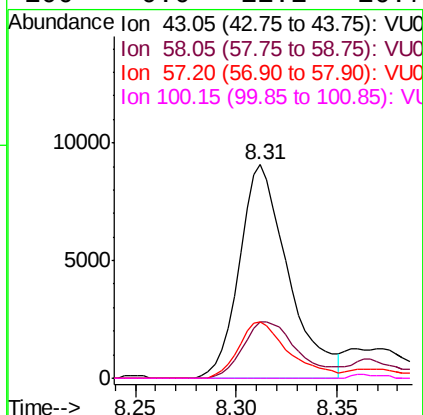
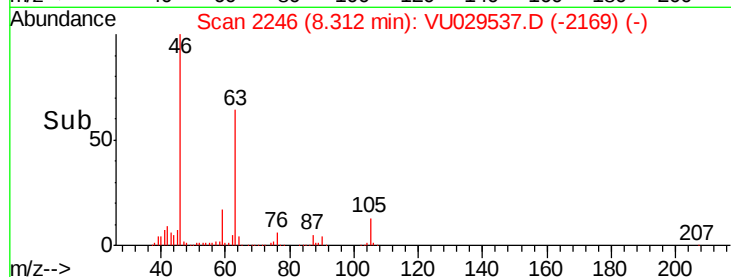
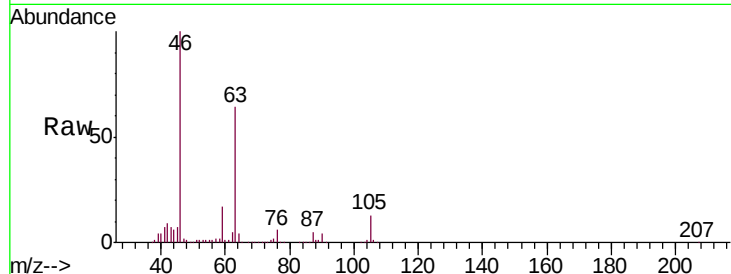




#48
 2-Hexanone
 Concen: 2.303 ug/L
 RT: 8.31 min Scan# 2246
 Delta R.T. -0.05 min
 Lab File: VU029537.D
 Acq: 18 Feb 2019 18:07

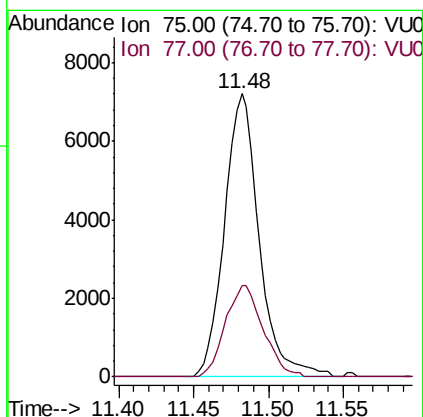
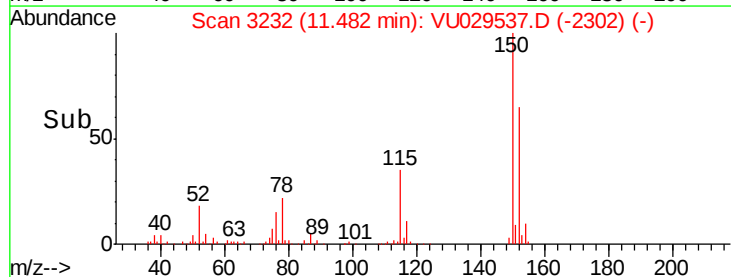
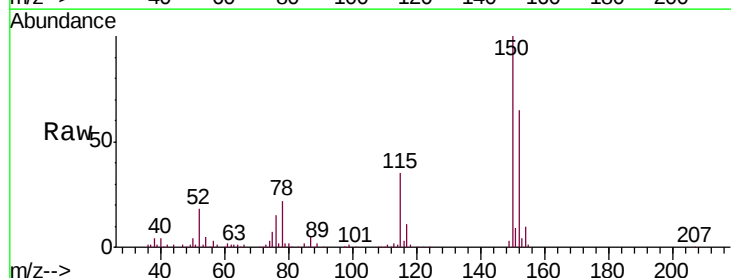
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AM5

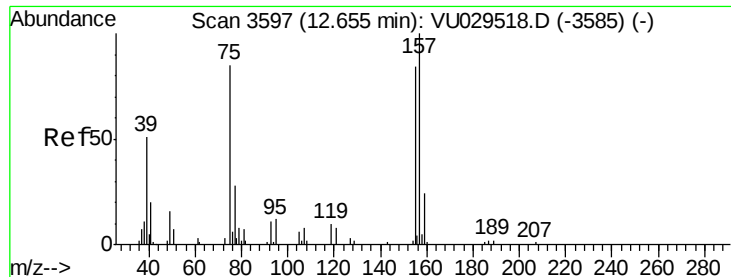
Tgt Ion: 43 Resp: 15329
 Ion Ratio Lower Upper
 43 100
 58 28.5 45.7 68.5#
 57 27.2 16.4 24.6#
 100 0.0 11.1 16.7#



#59
 1,2,3-Trichloropropane
 Concen: 1.145 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029537.D
 Acq: 18 Feb 2019 18:07

Tgt Ion: 75 Resp: 11640
 Ion Ratio Lower Upper
 75 100
 77 35.1 28.2 42.2





#66

1,2-Dibromo-3-chloropropane

Concen: 0.258 ug/L

RT: 12.48 min Scan# 3542

Delta R.T. -0.18 min

Lab File: VU029537.D

Acq: 18 Feb 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

C0AM5

Tgt Ion: 75 Resp: 616

Ion Ratio Lower Upper

75 100

155 0.0 75.3 112.9#

157 0.0 103.0 154.4#

