

Data File : VU029538.D
Acq On : 18 Feb 2019 18:31
Operator : JC/SP
Sample : K1522-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AM6

Quant Time: Feb 19 00:25:11 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	215834	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	209476	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	108637	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56076	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.68	69	52412	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.27	63	92324	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	4.19	46	145581	48.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.56%
24) Chloroform-d	4.65	84	92360	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
26) 1,2-Dichloroethane-d4	5.31	65	57280	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.34	84	216283	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.33	67	68644	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.56	98	211740	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.85	79	27507	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.31	63	152320	49.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60286	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	93402	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

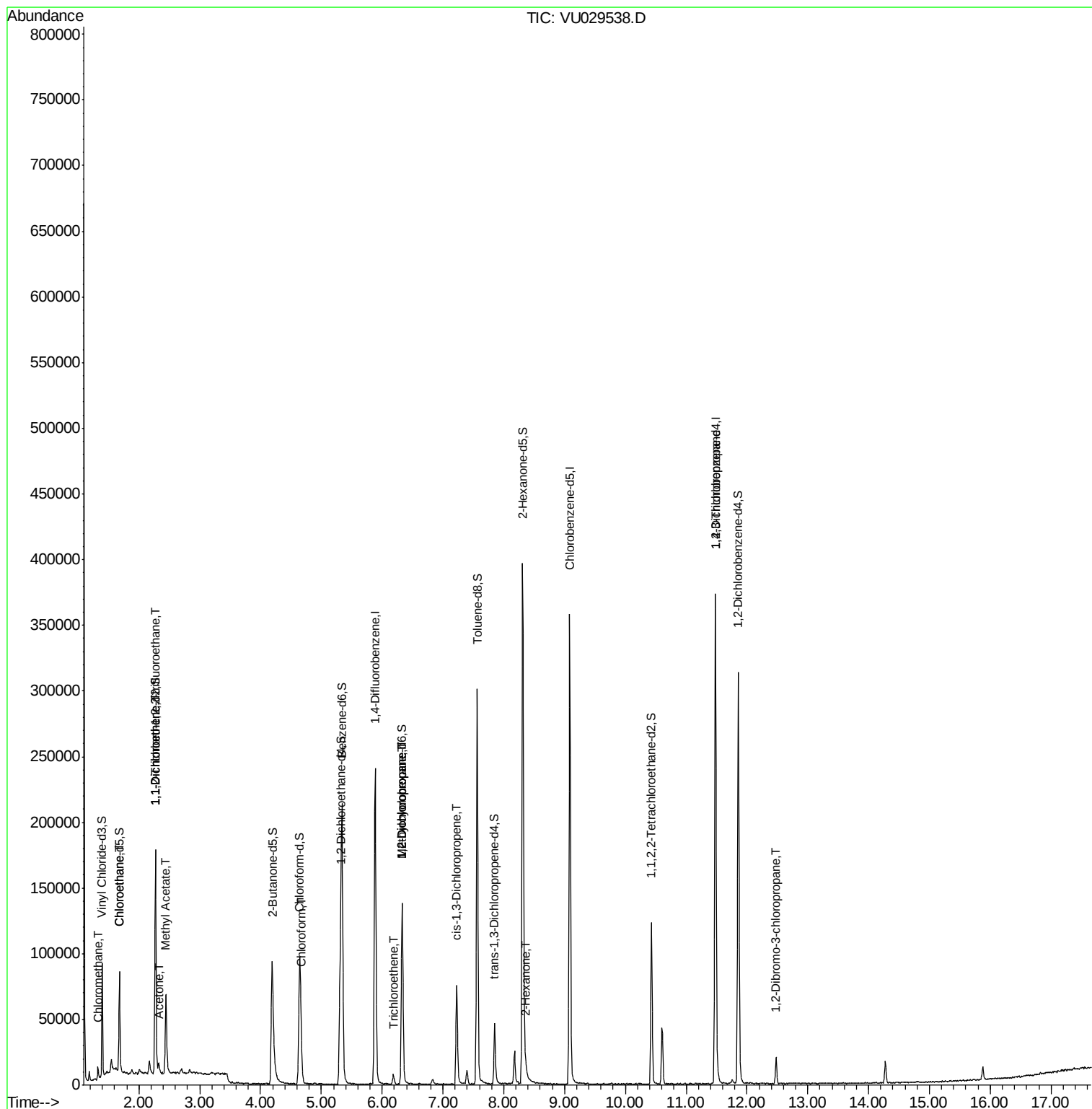
					Qvalue
3) Chloromethane	1.33	50	5628	0.316 ug/L	96
8) Chloroethane	1.68	64	1105	0.082 ug/L #	55
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1063	0.057 ug/L #	16
12) 1,1-Dichloroethene	2.28	96	1092	0.061 ug/L #	1
13) Acetone	2.32	43	6113	2.232 ug/L	94
15) Methyl Acetate	2.44	43	13267	1.891 ug/L #	47
25) Chloroform	4.68	83	13473	0.472 ug/L	87
34) Trichloroethene	6.19	95	2598	0.150 ug/L	93
35) Methylcyclohexane	6.33	83	16614	0.570 ug/L #	22
37) 1,2-Dichloropropane	6.33	63	7362	0.477 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1960	0.081 ug/L #	54
48) 2-Hexanone	8.37	43	3184	0.491 ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	11485	1.159 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	652	0.287 ug/L #	1

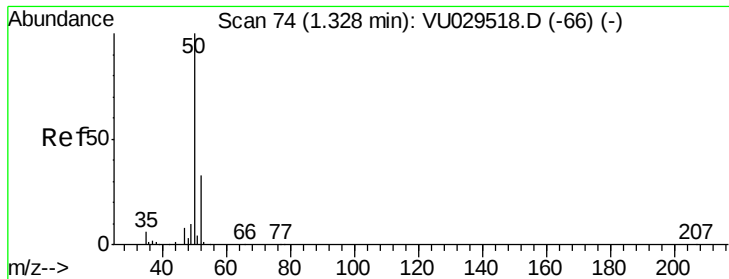
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.316 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU029538.D

Acq: 18 Feb 2019 18:31

Instrument :

MSVOA_U

ClientSampleId :

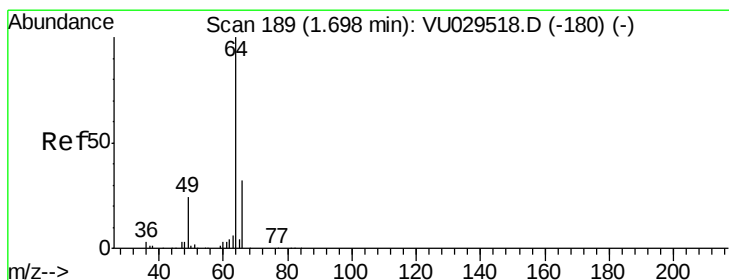
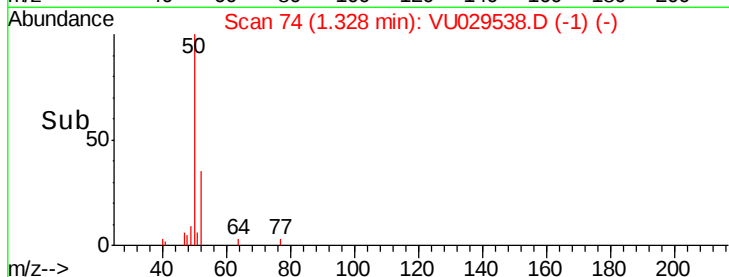
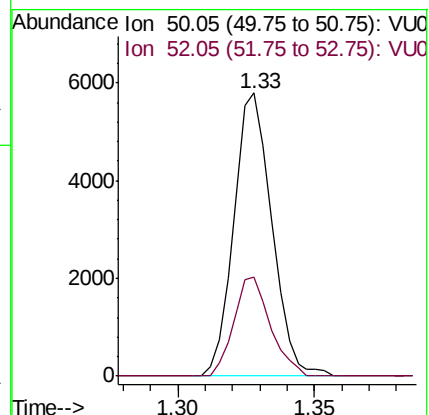
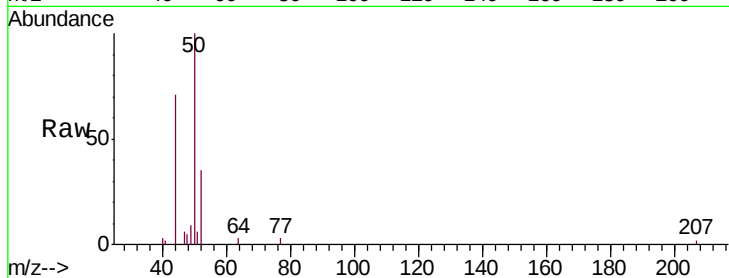
C0AM6

Tgt Ion: 50 Resp: 5628

Ion Ratio Lower Upper

50 100

52 35.0 23.1 42.9



#8

Chloroethane

Concen: 0.082 ug/L

RT: 1.68 min Scan# 183

Delta R.T. -0.02 min

Lab File: VU029538.D

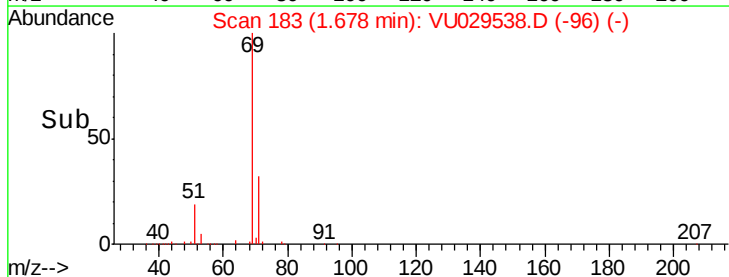
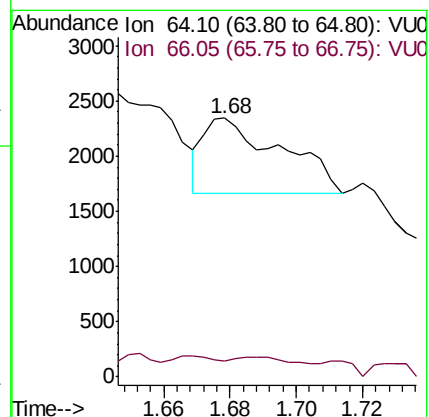
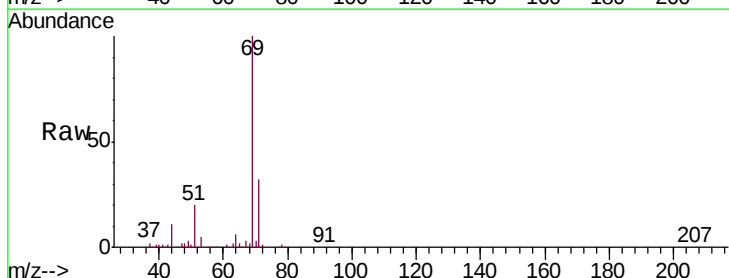
Acq: 18 Feb 2019 18:31

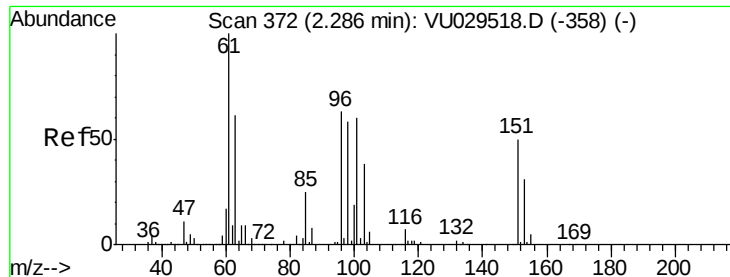
Tgt Ion: 64 Resp: 1105

Ion Ratio Lower Upper

64 100

66 6.3 22.0 40.8#





#10

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

Concen: 0.057 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029538.D

Acq: 18 Feb 2019 18:31

Instrument :

MSVOA_U

ClientSampleId :

C0AM6

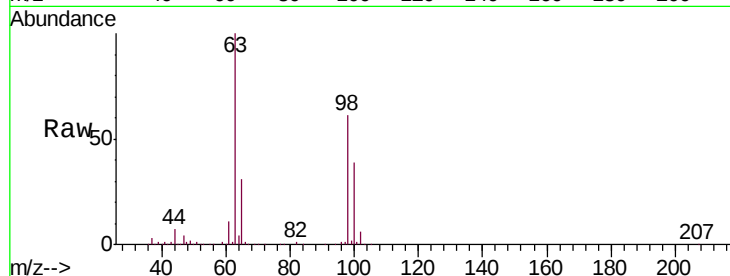
Tgt Ion: 101 Resp: 1063

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

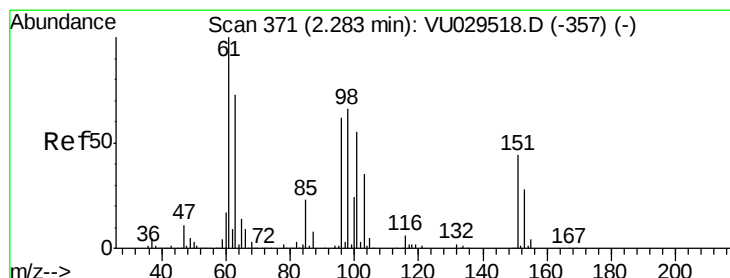
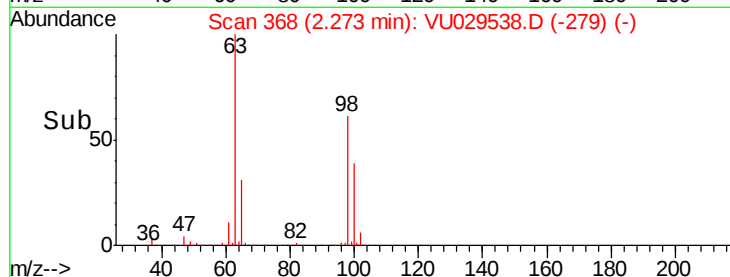
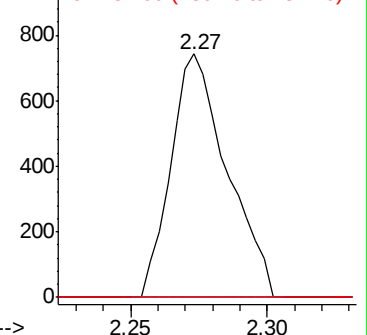
151 0.0 67.0 100.6#



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: 0.061 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029538.D

Acq: 18 Feb 2019 18:31

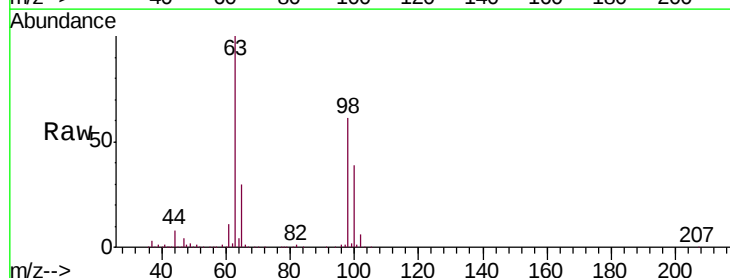
Tgt Ion: 96 Resp: 1092

Ion Ratio Lower Upper

96 100

61 1139.8 115.1 213.7#

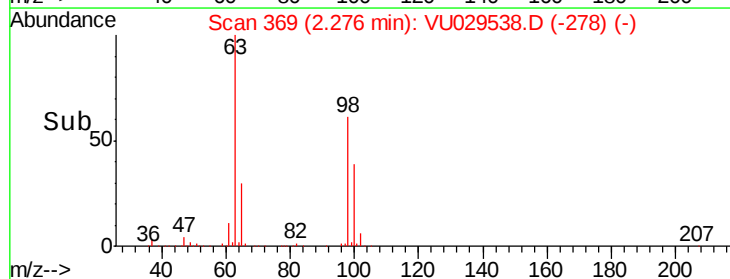
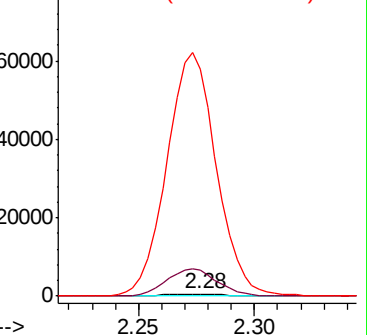
63 10124.0 83.5 155.1#

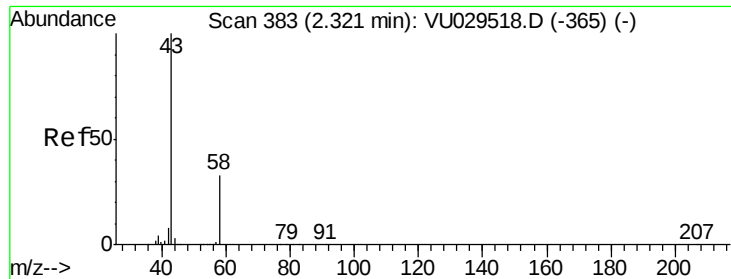


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.232 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029538.D

Acq: 18 Feb 2019 18:31

Instrument :

MSVOA_U

ClientSampleId :

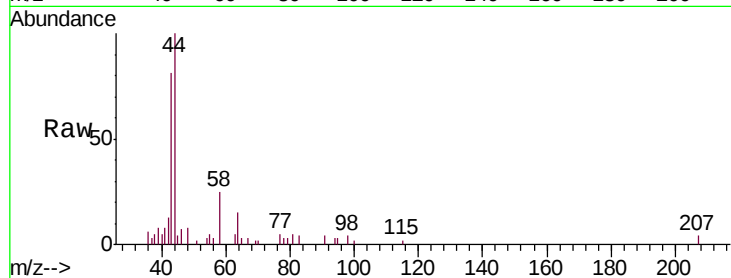
C0AM6

Tgt Ion: 43 Resp: 6113

Ion Ratio Lower Upper

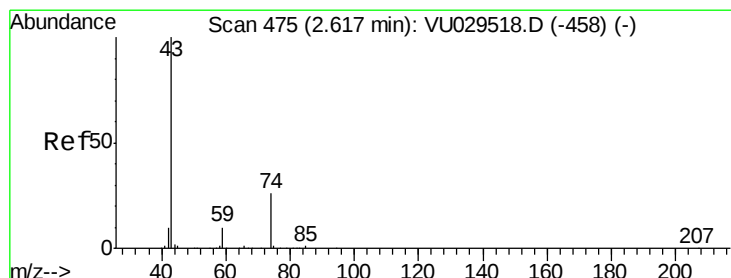
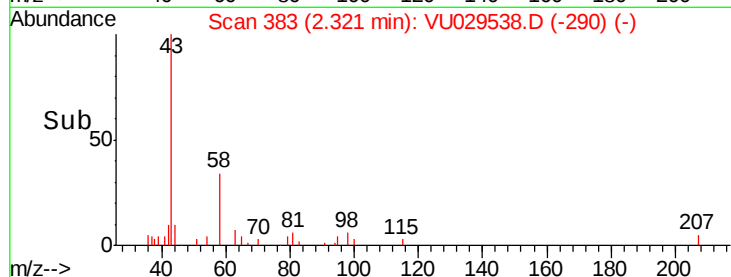
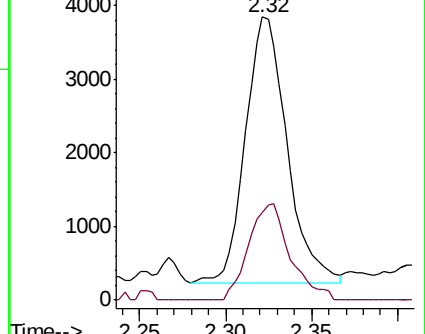
43 100

58 35.6 0.0 65.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 1.891 ug/L

RT: 2.44 min Scan# 421

Delta R.T. -0.17 min

Lab File: VU029538.D

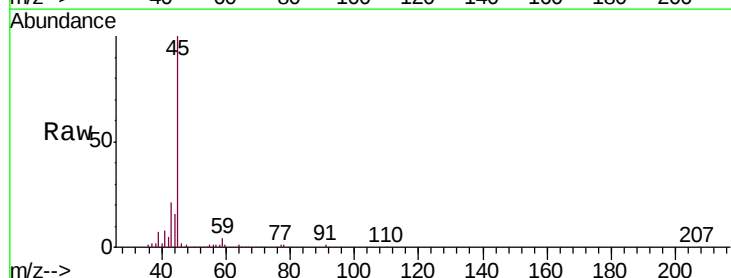
Acq: 18 Feb 2019 18:31

Tgt Ion: 43 Resp: 13267

Ion Ratio Lower Upper

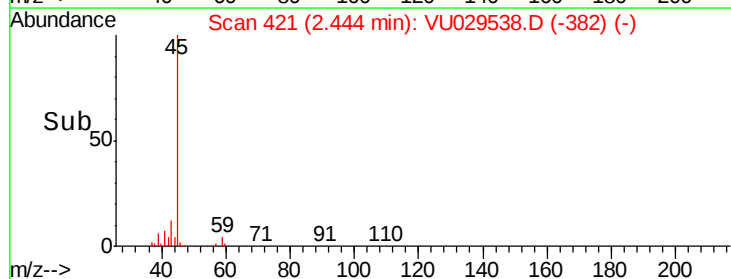
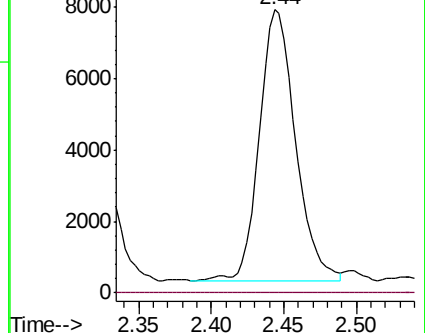
43 100

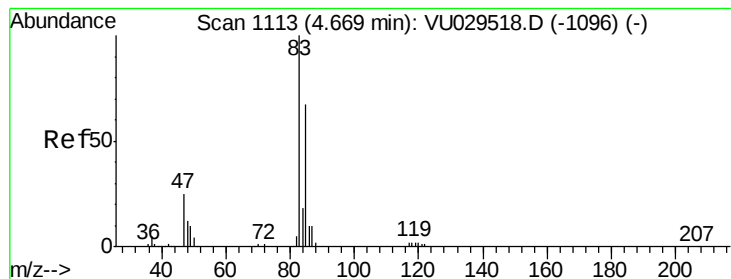
74 0.0 22.3 33.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0





#25

Chloroform

Concen: 0.472 ug/L

RT: 4.68 min Scan# 1115

Delta R.T. 0.01 min

Lab File: VU029538.D

Acq: 18 Feb 2019 18:31

Instrument :

MSVOA_U

ClientSampleId :

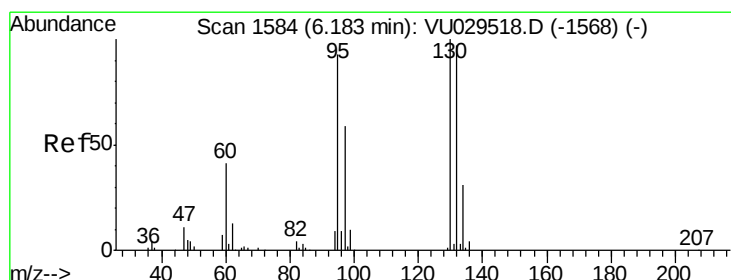
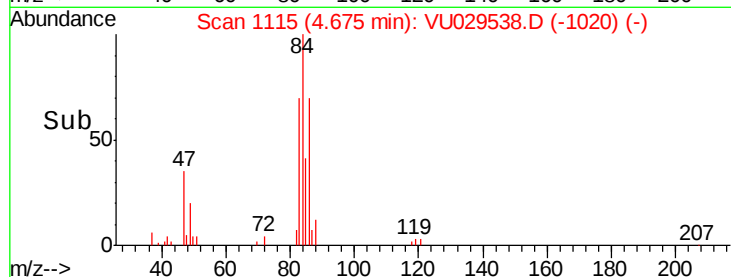
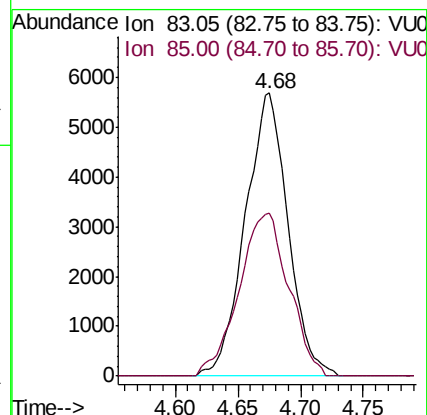
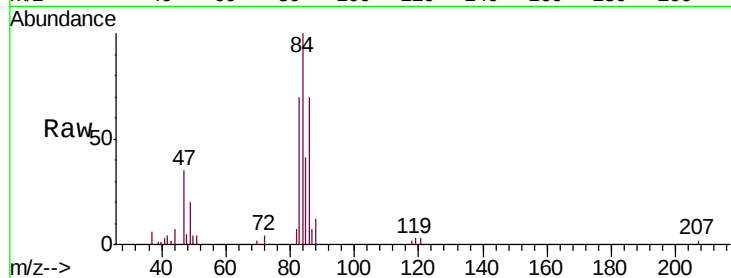
C0AM6

Tgt Ion: 83 Resp: 13473

Ion Ratio Lower Upper

83 100

85 57.7 47.8 88.8



#34

Trichloroethene

Concen: 0.150 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU029538.D

Acq: 18 Feb 2019 18:31

Tgt Ion: 95 Resp: 2598

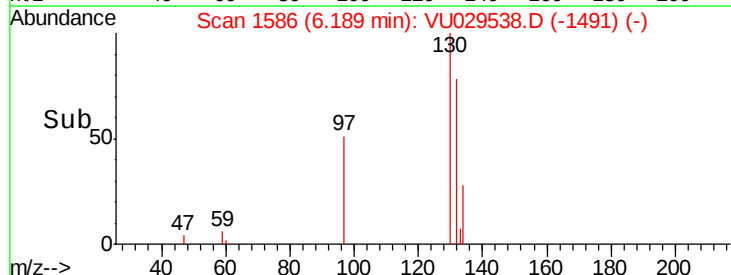
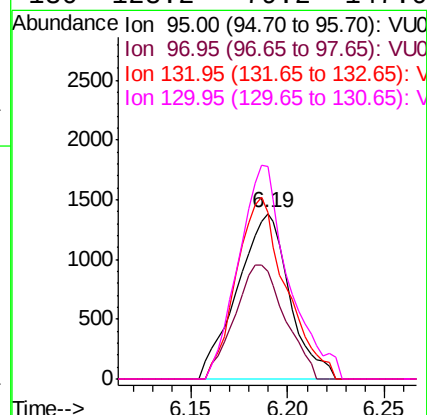
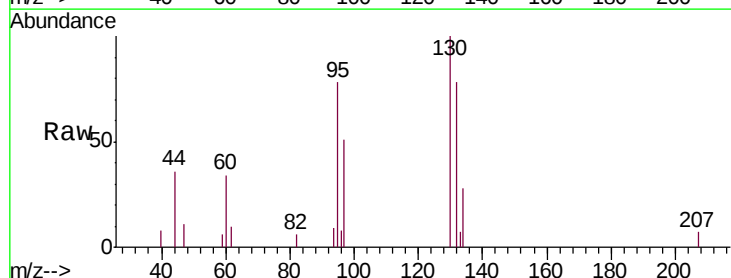
Ion Ratio Lower Upper

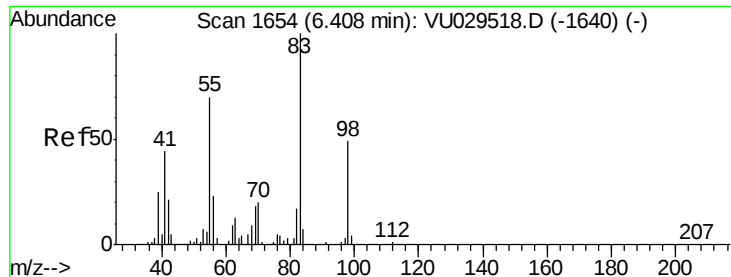
95 100

97 65.3 46.3 86.1

132 100.4 72.9 135.3

130 128.2 79.2 147.0

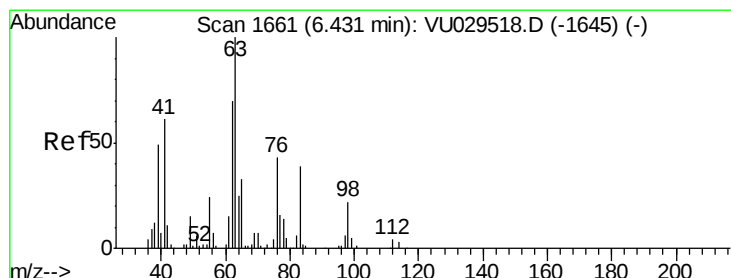
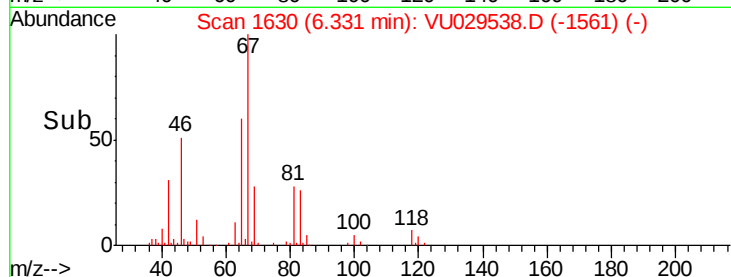
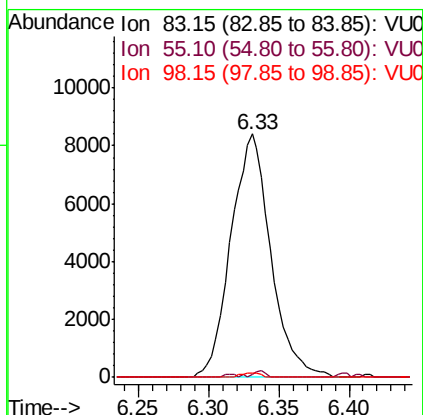
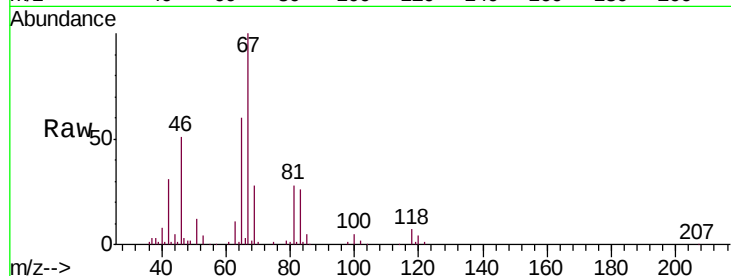




#35
Methylcyclohexane
Concen: 0.570 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.08 min
Lab File: VU029538.D
Acq: 18 Feb 2019 18:31

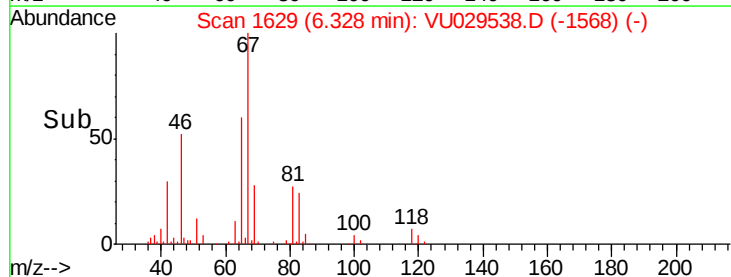
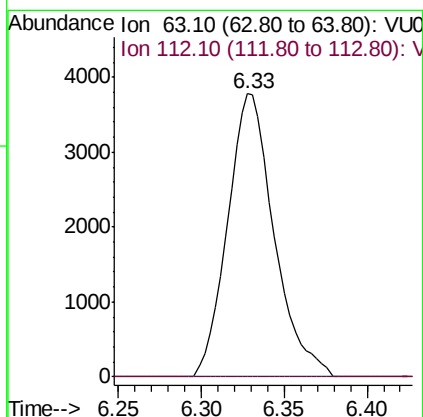
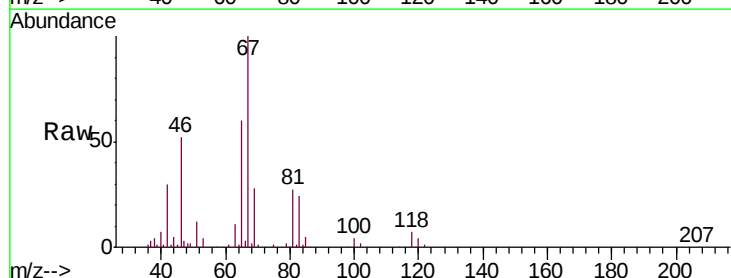
Instrument :
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ClientSampleId :
C0AM6

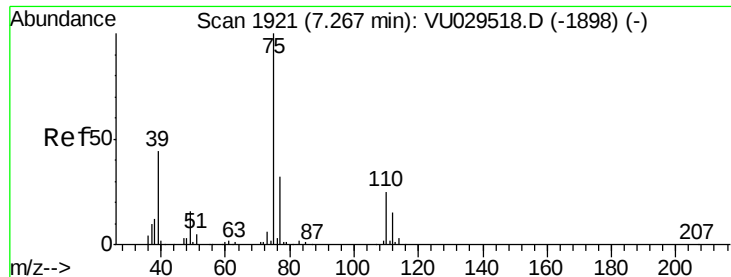
Tgt Ion: 83 Resp: 16614
Ion Ratio Lower Upper
83 100
55 0.9 55.9 83.9#
98 0.9 38.6 57.8#



#37
1,2-Dichloropropane
Concen: 0.477 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029538.D
Acq: 18 Feb 2019 18:31

Tgt Ion: 63 Resp: 7362
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

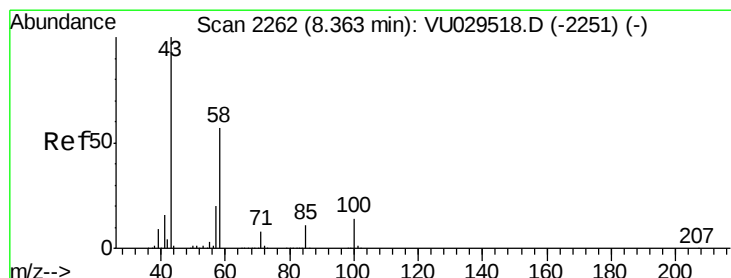
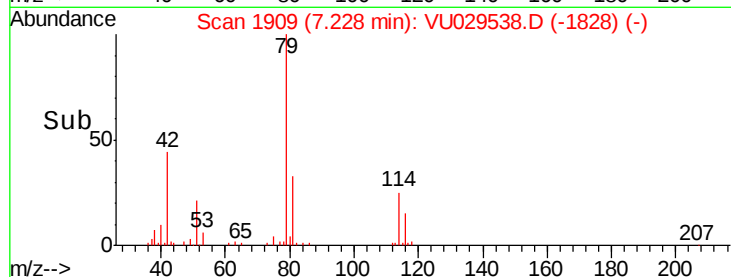
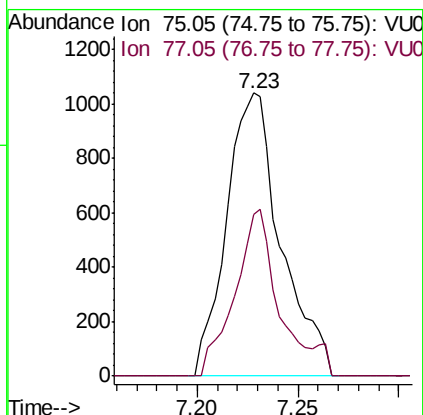
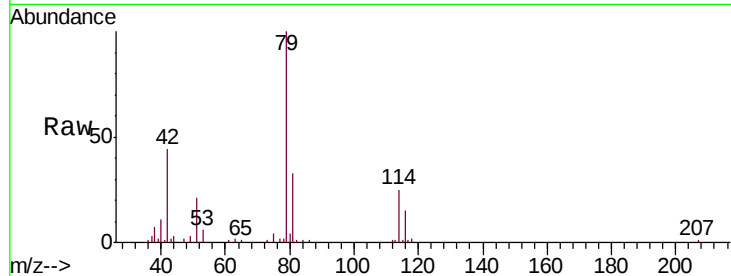




#39
 cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU029538.D
 Acq: 18 Feb 2019 18:31

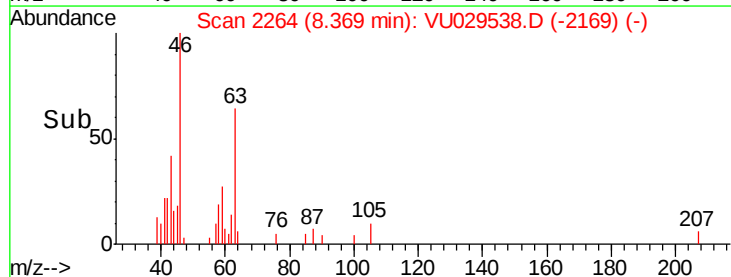
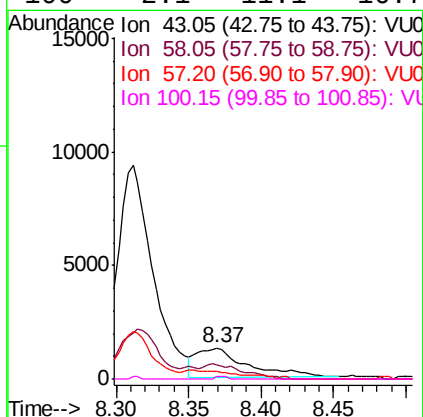
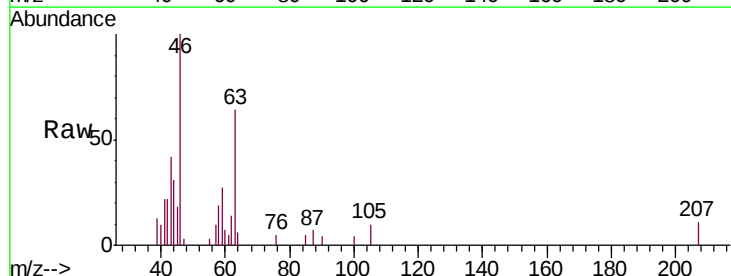
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AM6

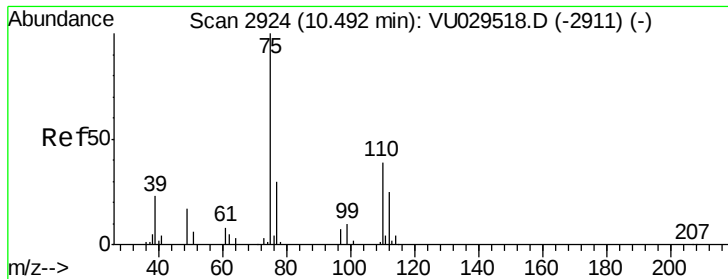
Tgt Ion: 75 Resp: 1960
 Ion Ratio Lower Upper
 75 100
 77 57.1 22.3 41.3#



#48
 2-Hexanone
 Concen: 0.491 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU029538.D
 Acq: 18 Feb 2019 18:31

Tgt Ion: 43 Resp: 3184
 Ion Ratio Lower Upper
 43 100
 58 38.9 45.7 68.5#
 57 0.0 16.4 24.6#
 100 2.1 11.1 16.7#





#59

1,2,3-Trichloropropane

Concen: 1.159 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029538.D

Acq: 18 Feb 2019 18:31

Instrument :

MSVOA_U

ClientSampleId :

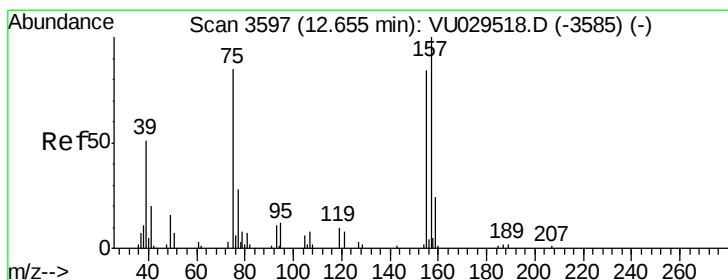
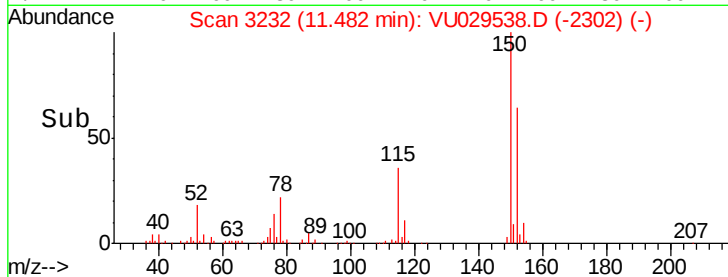
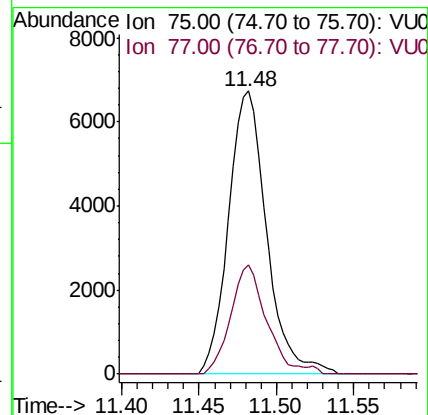
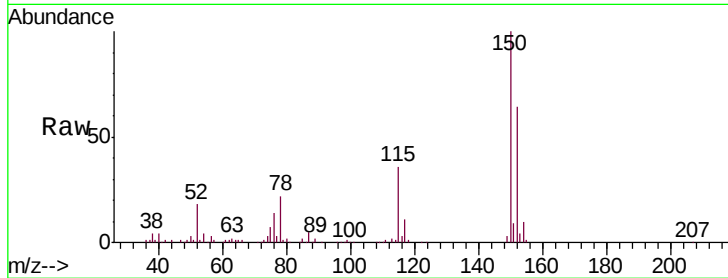
C0AM6

Tgt Ion: 75 Resp: 11485

Ion Ratio Lower Upper

75 100

77 35.8 28.2 42.2



#66

1,2-Dibromo-3-chloropropane

Concen: 0.287 ug/L

RT: 12.48 min Scan# 3542

Delta R.T. -0.18 min

Lab File: VU029538.D

Acq: 18 Feb 2019 18:31

Tgt Ion: 75 Resp: 652

Ion Ratio Lower Upper

75 100

155 0.0 75.3 112.9#

157 0.0 103.0 154.4#

