

Data File : VU029550.D
Acq On : 19 Feb 2019 13:17
Operator : JC/SP
Sample : K1509-02DL 2X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAGH0DL

Quant Time: Feb 20 00:11:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 20 00:07:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	215518	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	206608	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	111123	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58231	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.68	69	55924	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.27	63	93404	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	4.19	46	155925	51.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.58%
24) Chloroform-d	4.65	84	108520	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.31	65	60290	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.34	84	230352	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.33	67	70314	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.56	98	221286	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.85	79	28406	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.31	63	156142	51.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	63395	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	99618	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

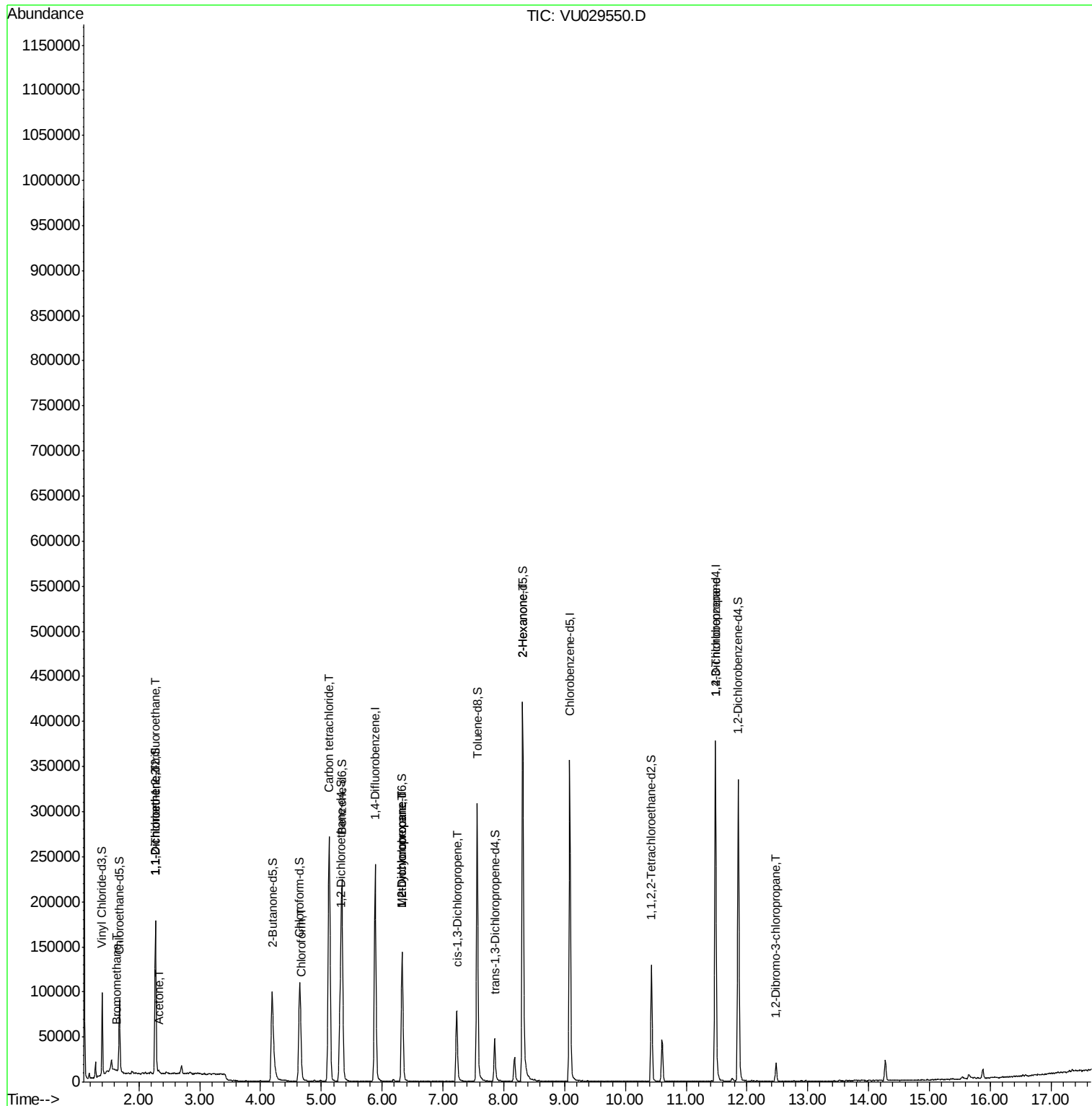
						Qvalue
6) Bromomethane	1.64	94	738	0.061	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1038	0.055	ug/L #	16
12) 1,1-Dichloroethene	2.27	96	977	0.055	ug/L #	1
13) Acetone	2.32	43	2165	0.792	ug/L	87
25) Chloroform	4.67	83	6326	0.222	ug/L	88
31) Carbon tetrachloride	5.13	117	199239	8.629	ug/L	99
35) Methylcyclohexane	6.33	83	17010	0.591	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	7626	0.501	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1925	0.080	ug/L #	49
48) 2-Hexanone	8.31	43	17181	2.685	ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	11384	1.165	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	726	0.313	ug/L #	1

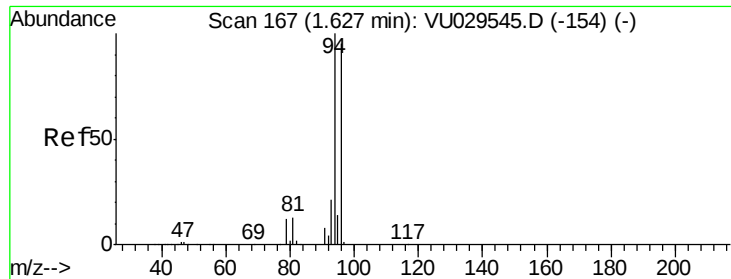
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 20 00:07:58 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.061 ug/L

RT: 1.64 min Scan# 170

Delta R.T. 0.01 min

Lab File: VU029550.D

Acq: 19 Feb 2019 13:17

Instrument :

MSVOA_U

ClientSampleId :

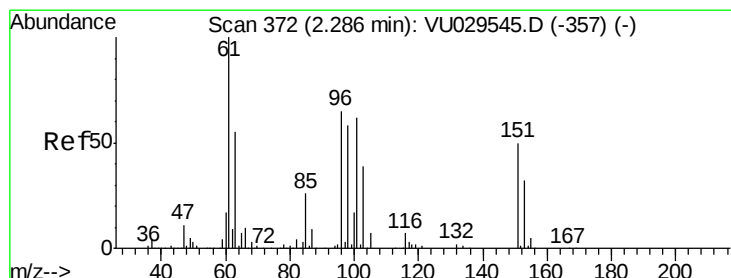
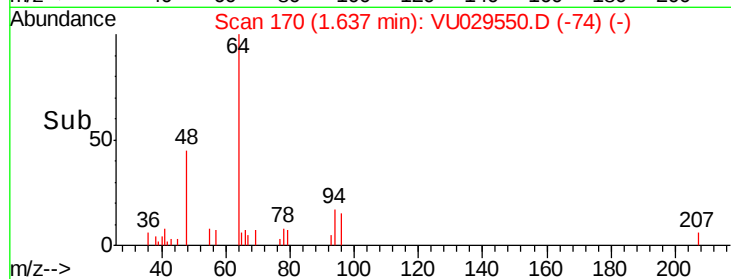
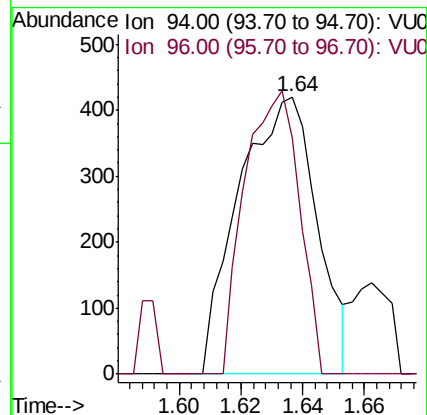
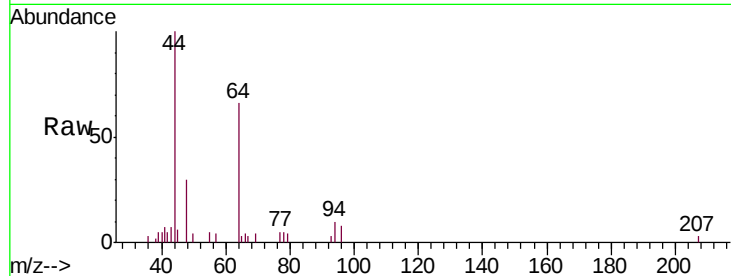
GAGH0DL

Tgt Ion: 94 Resp: 738

Ion Ratio Lower Upper

94 100

96 85.2 65.2 121.0



#10

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

Concen: 0.055 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029550.D

Acq: 19 Feb 2019 13:17

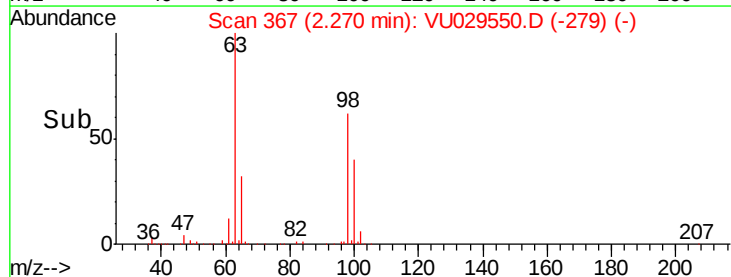
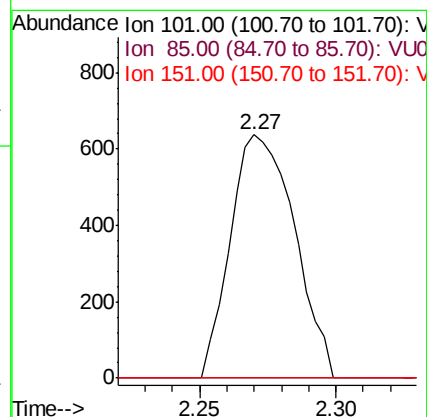
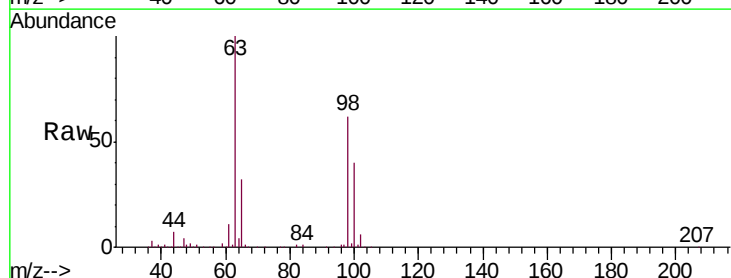
Tgt Ion: 101 Resp: 1038

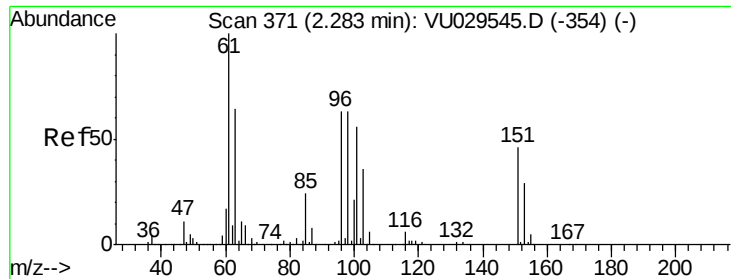
Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

151 0.0 67.0 100.6#





#12

1,1-Dichloroethene

Concen: 0.055 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029550.D

Acq: 19 Feb 2019 13:17

Instrument :

MSVOA_U

ClientSampleId :

GAGH0DL

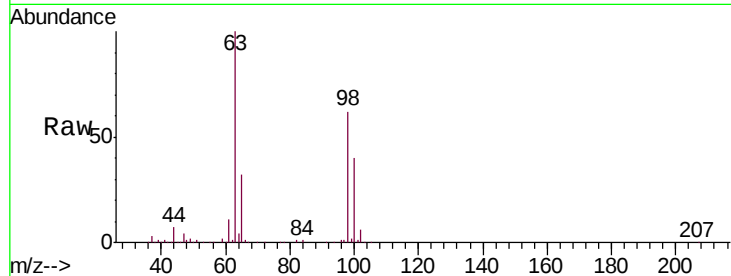
Tgt Ion: 96 Resp: 977

Ion Ratio Lower Upper

96 100

61 1109.8 115.1 213.7#

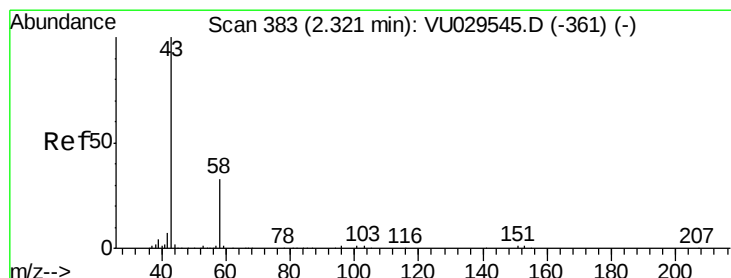
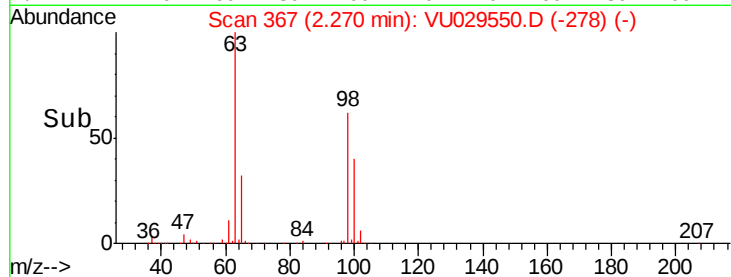
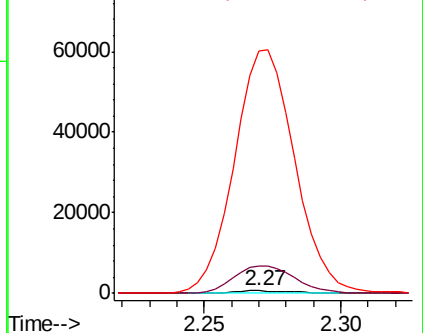
63 9659.1 83.5 155.1#



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: 0.792 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029550.D

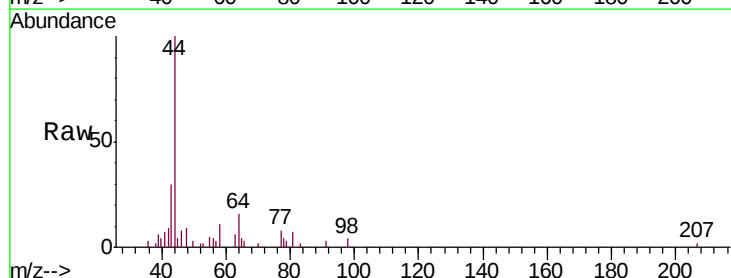
Acq: 19 Feb 2019 13:17

Tgt Ion: 43 Resp: 2165

Ion Ratio Lower Upper

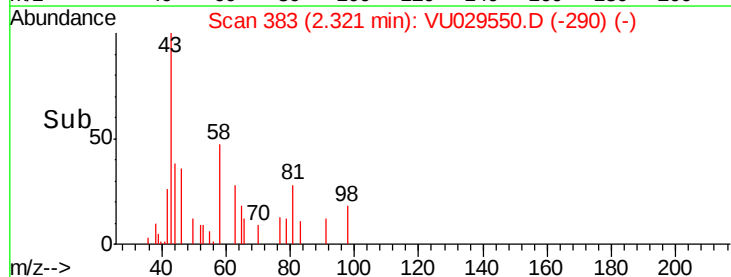
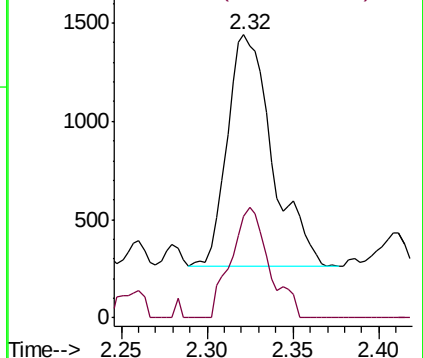
43 100

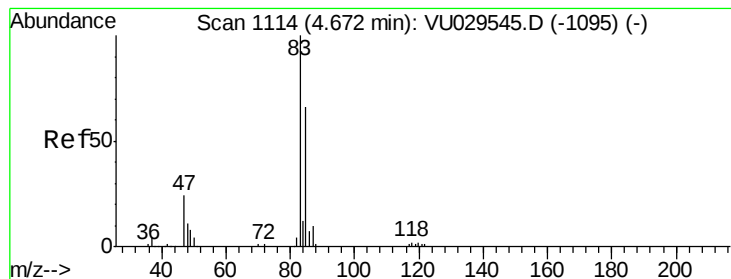
58 39.9 0.0 65.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#25

Chloroform

Concen: 0.222 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029550.D

Acq: 19 Feb 2019 13:17

Instrument :

MSVOA_U

ClientSampleId :

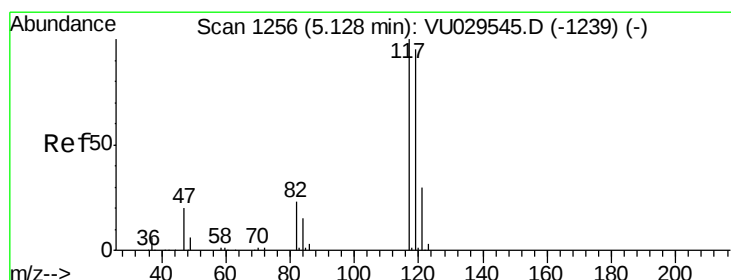
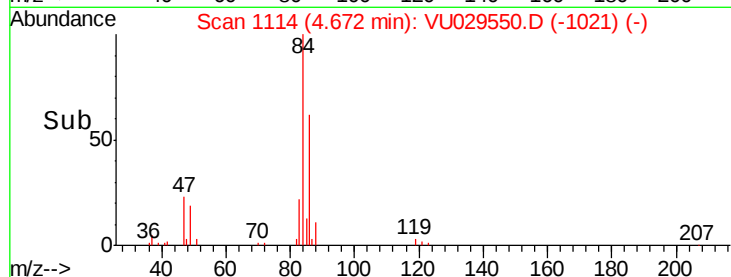
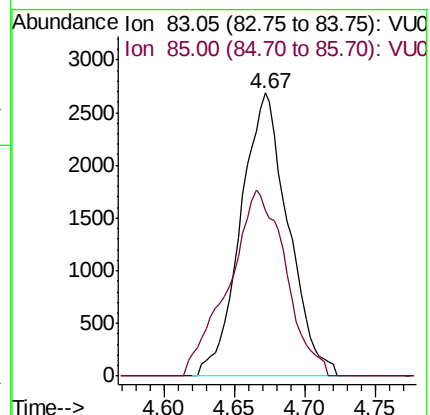
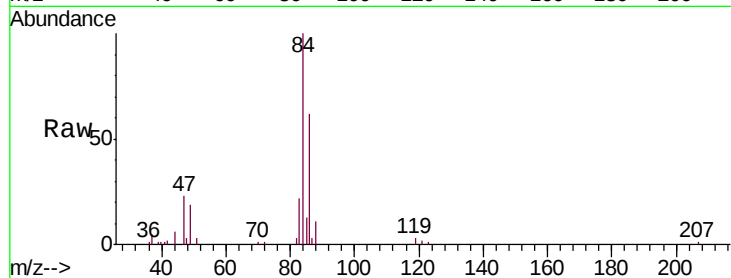
GAGH0DL

Tgt Ion: 83 Resp: 6326

Ion Ratio Lower Upper

83 100

85 58.4 47.8 88.8



#31

Carbon tetrachloride

Concen: 8.629 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VU029550.D

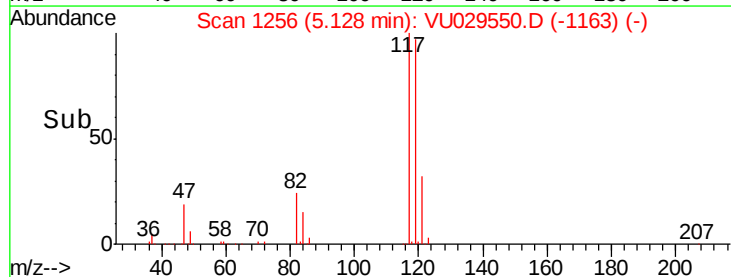
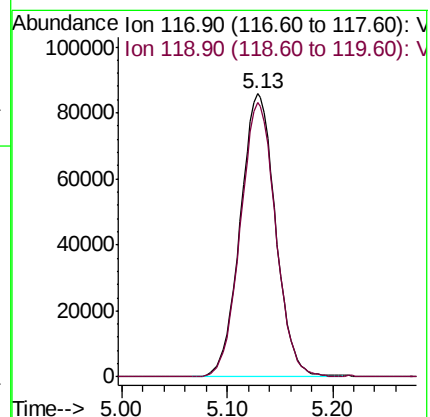
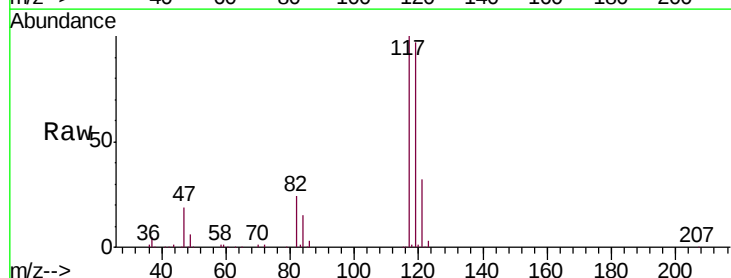
Acq: 19 Feb 2019 13:17

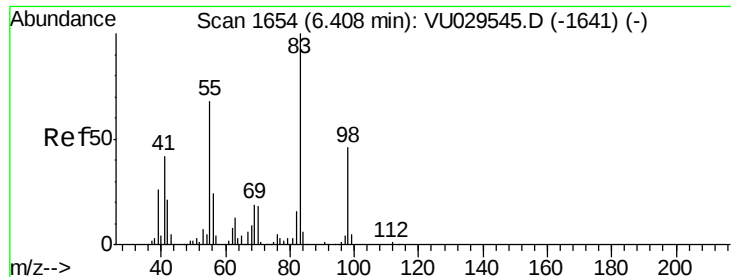
Tgt Ion: 117 Resp: 199239

Ion Ratio Lower Upper

117 100

119 96.8 78.1 117.1

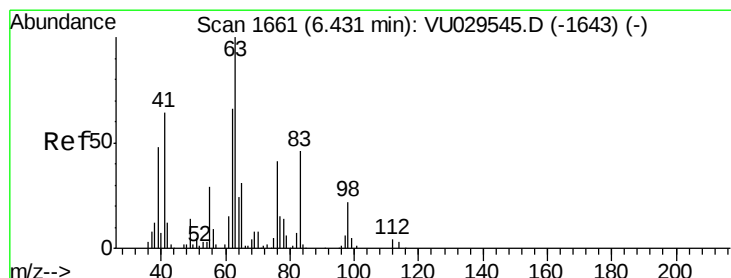
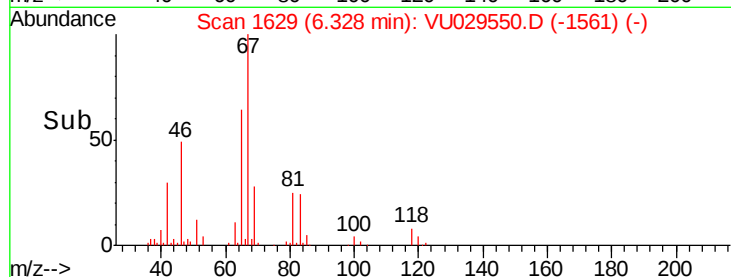
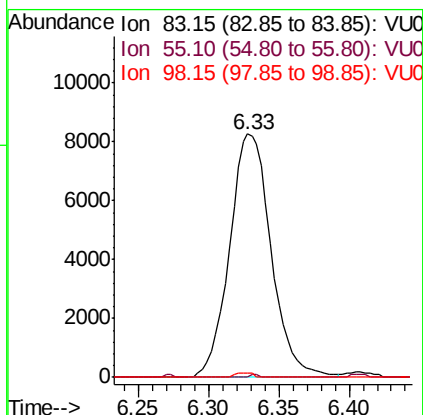
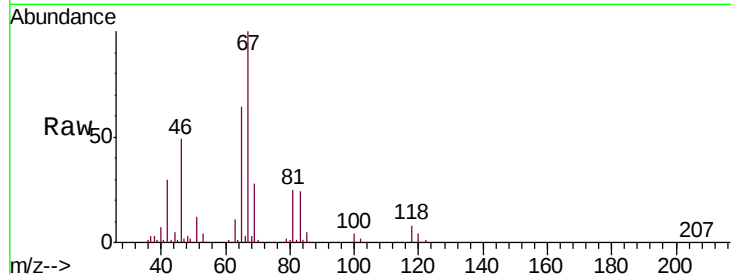




#35
Methylcyclohexane
Concen: 0.591 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029550.D
Acq: 19 Feb 2019 13:17

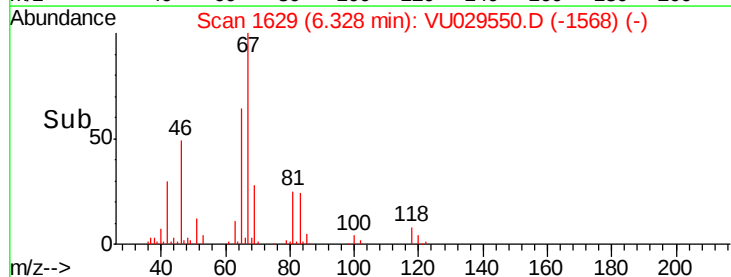
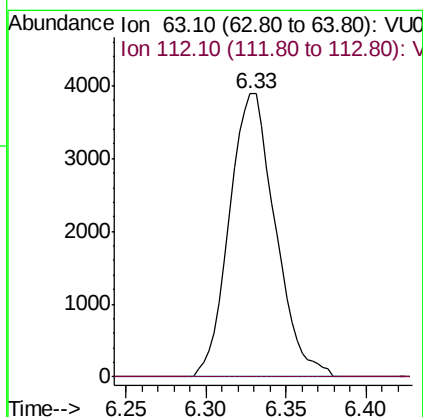
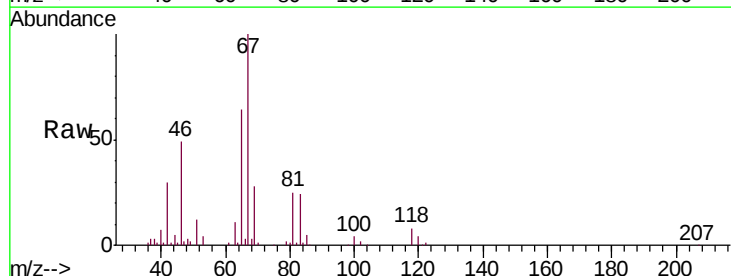
Instrument :
MSVOA_U
ClientSampled :
GAGH0DL

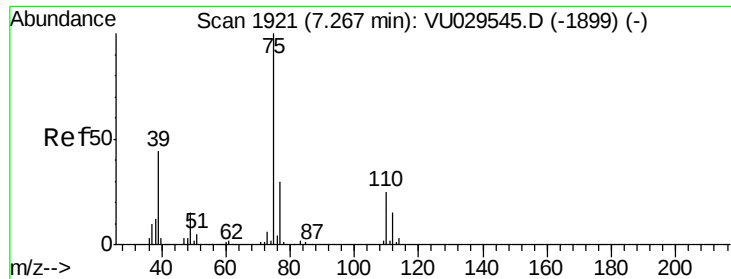
Tgt Ion: 83 Resp: 17010
Ion Ratio Lower Upper
83 100
55 0.3 55.9 83.9#
98 0.8 38.6 57.8#



#37
1,2-Dichloropropane
Concen: 0.501 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029550.D
Acq: 19 Feb 2019 13:17

Tgt Ion: 63 Resp: 7626
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

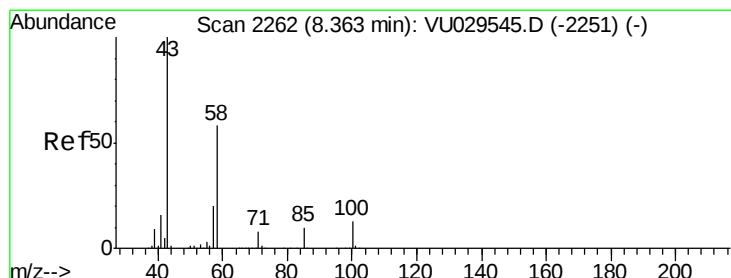
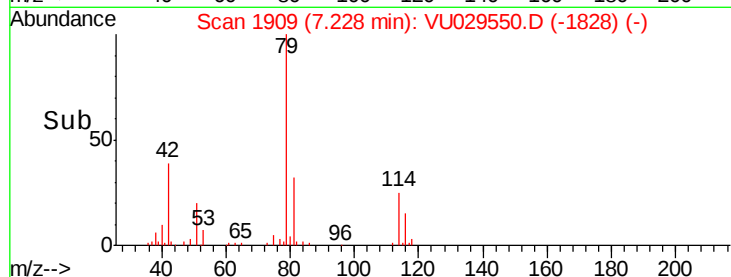
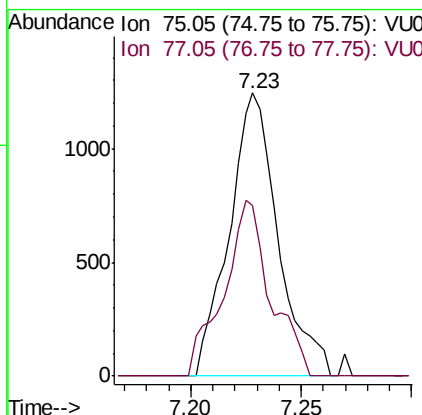
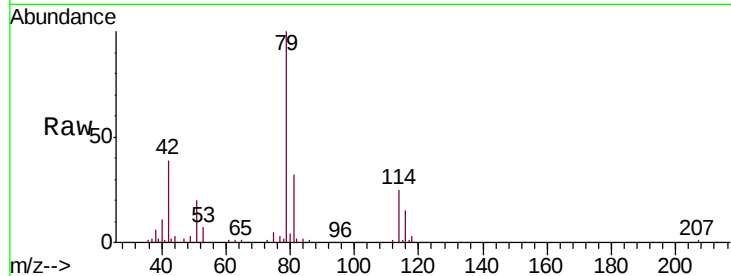




#39
 cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU029550.D
 Acq: 19 Feb 2019 13:17

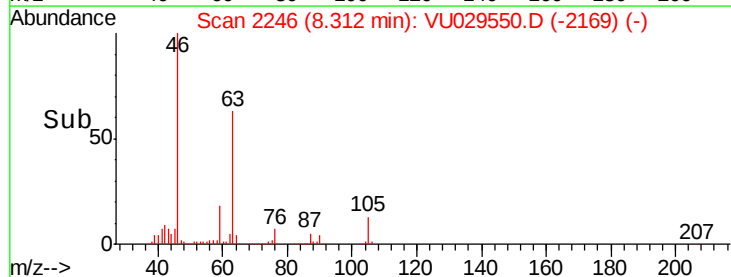
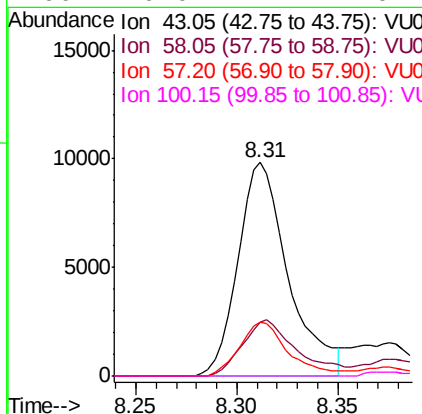
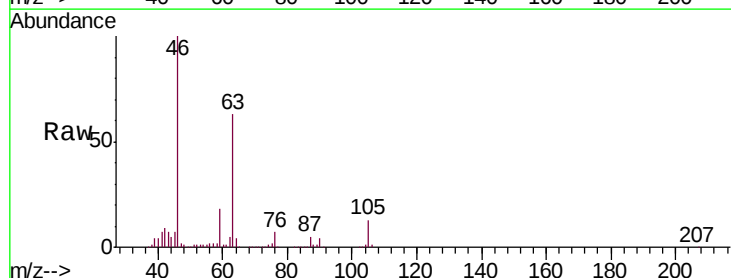
Instrument :
 MSVOA_U
 ClientSampled :
 GAGH0DL

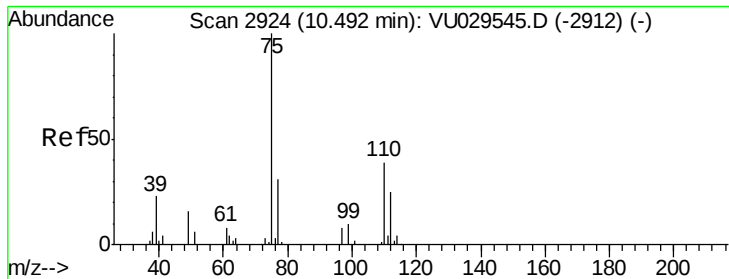
Tgt Ion: 75 Resp: 1925
 Ion Ratio Lower Upper
 75 100
 77 60.2 22.3 41.3#



#48
 2-Hexanone
 Concen: 2.685 ug/L
 RT: 8.31 min Scan# 2246
 Delta R.T. -0.05 min
 Lab File: VU029550.D
 Acq: 19 Feb 2019 13:17

Tgt Ion: 43 Resp: 17181
 Ion Ratio Lower Upper
 43 100
 58 28.8 45.7 68.5#
 57 24.3 16.4 24.6
 100 0.0 11.1 16.7#





#59

1,2,3-Trichloropropane

Concen: 1.165 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029550.D

Acq: 19 Feb 2019 13:17

Instrument :

MSVOA_U

ClientSampleId :

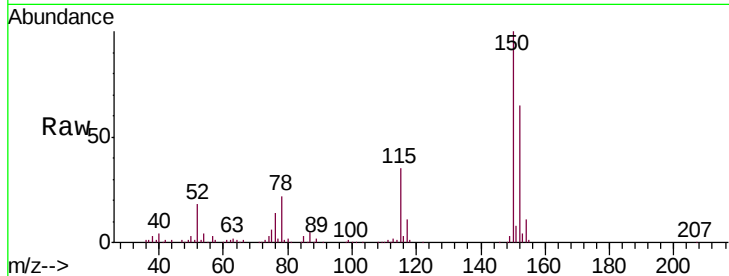
GAGH0DL

Tgt Ion: 75 Resp: 11384

Ion Ratio Lower Upper

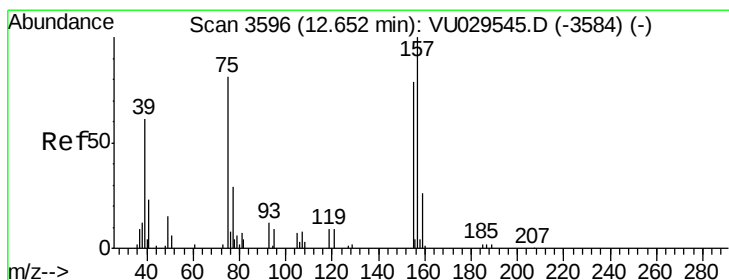
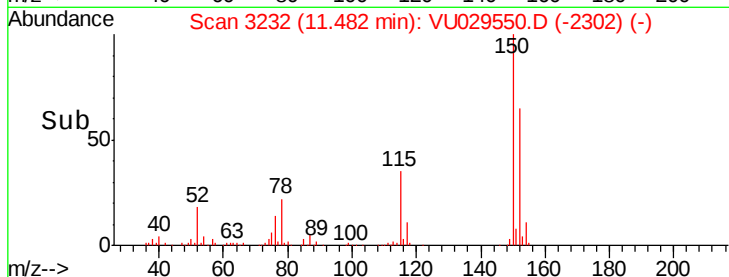
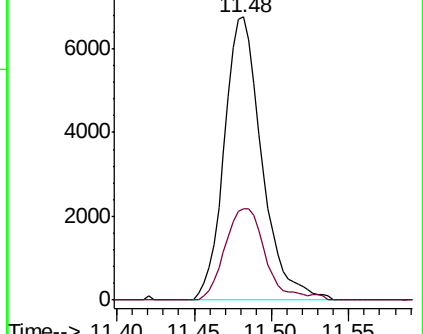
75 100

77 34.4 28.2 42.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#66

1,2-Dibromo-3-chloropropane

Concen: 0.313 ug/L

RT: 12.48 min Scan# 3541

Delta R.T. -0.18 min

Lab File: VU029550.D

Acq: 19 Feb 2019 13:17

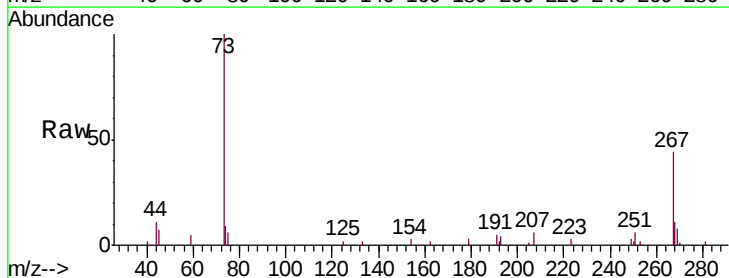
Tgt Ion: 75 Resp: 726

Ion Ratio Lower Upper

75 100

155 0.0 75.3 112.9#

157 0.0 103.0 154.4#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

