

Data File : VU034402.D
Acq On : 08 Sep 2019 00:40
Operator : JC/SP
Sample : K4703-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFD93

Quant Time: Sep 08 03:49:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Sep 08 03:44:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	270330	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	280259	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	124968	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72766	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.68	69	66903	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.26	63	108844	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.17	46	194491	46.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.48%
24) Chloroform-d	4.63	84	156232	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.29	65	76158	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.32	84	316787	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.31	67	104410	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.55	98	272967	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	7.84	79	31538	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.30	63	137912	39.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.86%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	81230	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	111909	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

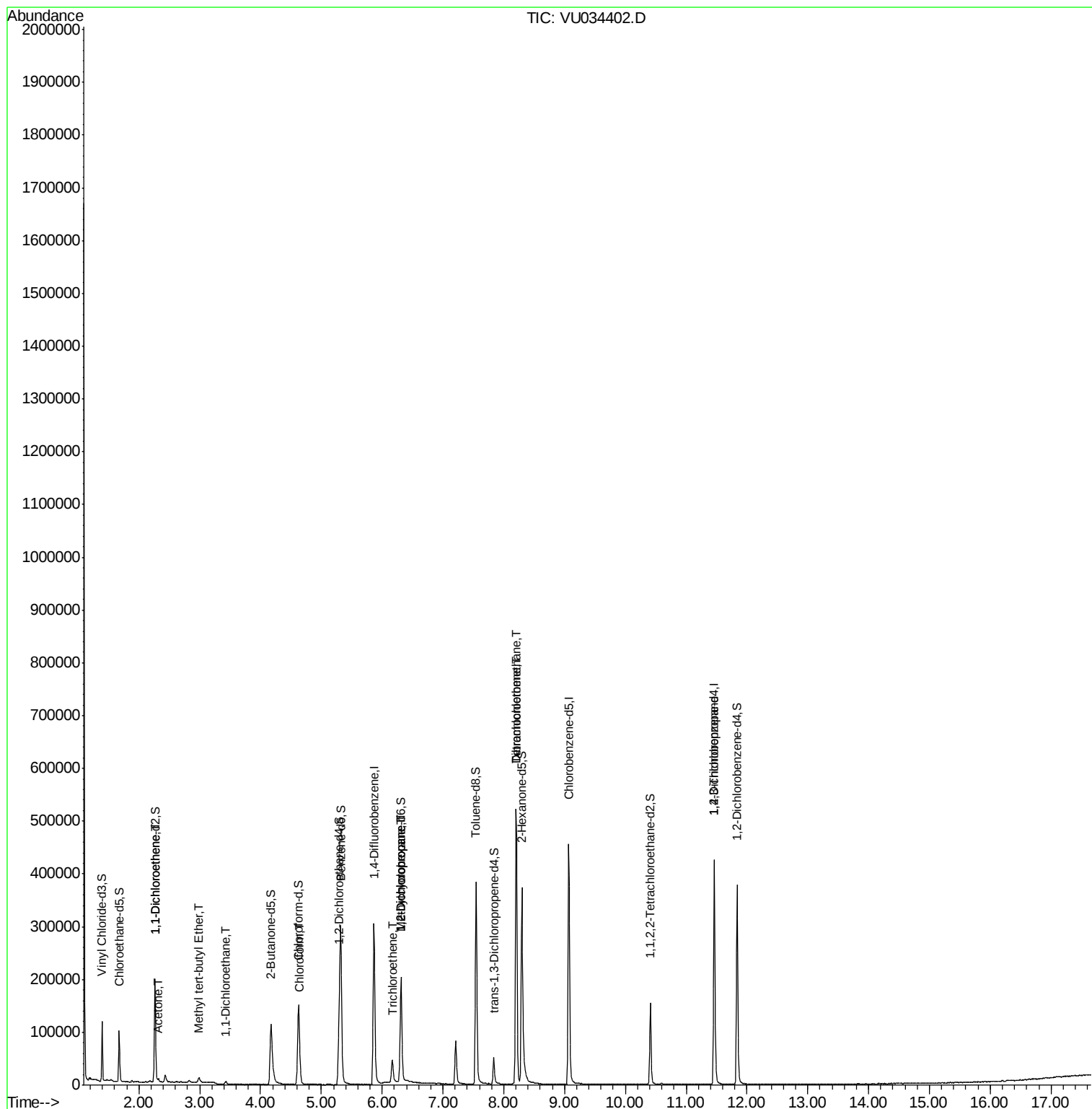
					Qvalue
12) 1,1-Dichloroethene	2.27	96	1928	0.115 ug/L #	1
13) Acetone	2.31	43	5856	2.080 ug/L	95
17) Methyl tert-butyl Ether	2.99	73	8690	0.208 ug/L #	78
19) 1,1-Dichloroethane	3.43	63	5350	0.149 ug/L	95
25) Chloroform	4.65	83	6640	0.182 ug/L	97
34) Trichloroethene	6.16	95	15406	0.705 ug/L	94
35) Methylcyclohexane	6.31	83	23679	0.654 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	10604	0.486 ug/L #	91
47) Tetrachloroethene	8.21	164	129891	7.234 ug/L	95
49) Dibromochloromethane	8.21	129	119045	7.164 ug/L #	11
59) 1,2,3-Trichloropropane	11.46	75	13119	1.049 ug/L	96

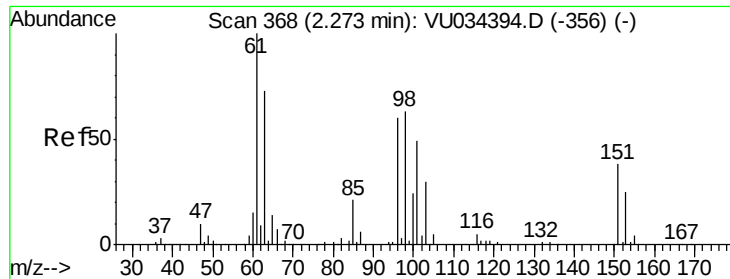
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU034402.D
Acq On : 08 Sep 2019 00:40
Operator : JC/SP
Sample : K4703-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFD93

Quant Time: Sep 08 03:49:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Sep 08 03:44:03 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.115 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU034402.D

Acq: 08 Sep 2019 00:40

Instrument :

MSVOA_U

ClientSampleId :

BFD93

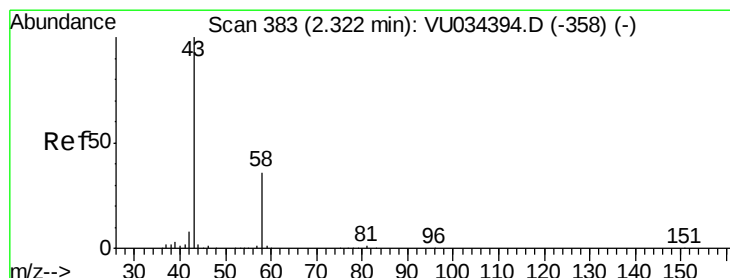
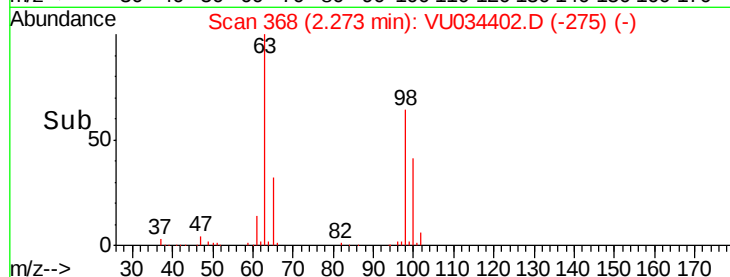
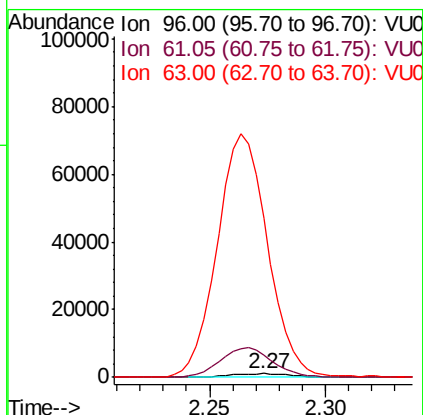
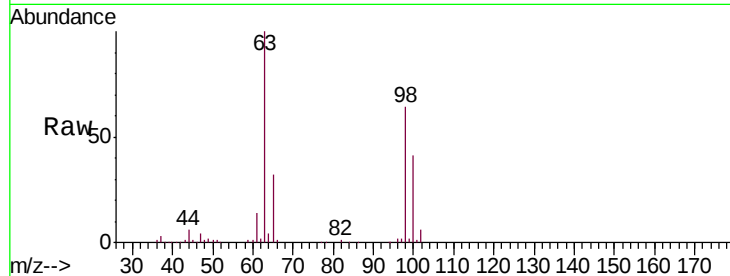
Tgt Ion: 96 Resp: 1928

Ion Ratio Lower Upper

96 100

61 590.0 126.6 235.0#

63 4290.6 94.5 175.5#



#13

Acetone

Concen: 2.080 ug/L

RT: 2.31 min Scan# 381

Delta R.T. -0.01 min

Lab File: VU034402.D

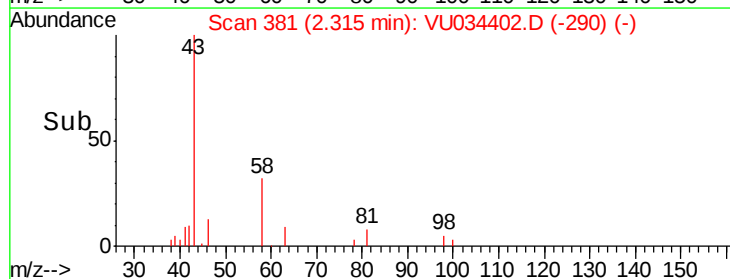
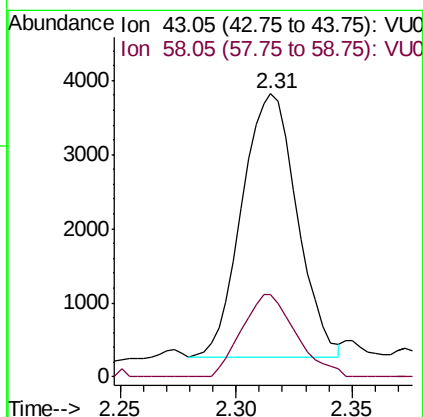
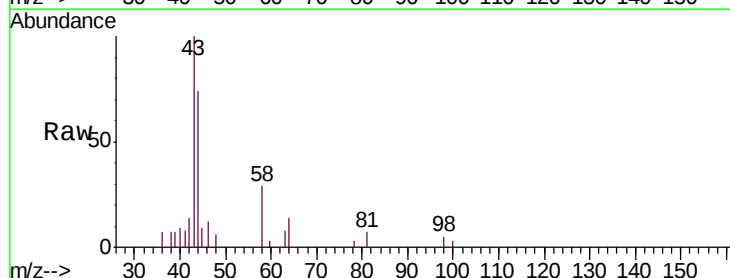
Acq: 08 Sep 2019 00:40

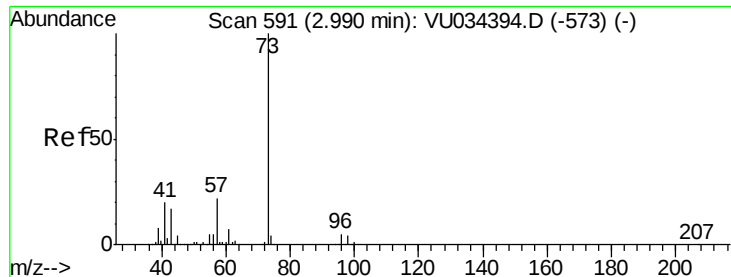
Tgt Ion: 43 Resp: 5856

Ion Ratio Lower Upper

43 100

58 30.8 0.0 67.6





#17

Methyl tert-butyl Ether

Concen: 0.208 ug/L

RT: 2.99 min Scan# 592

Delta R.T. 0.00 min

Lab File: VU034402.D

Acq: 08 Sep 2019 00:40

Instrument :

MSVOA_U

ClientSampleId :

BFD93

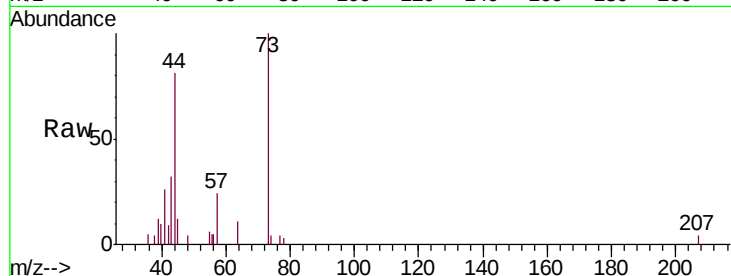
Tgt Ion: 73 Resp: 8690

Ion Ratio Lower Upper

73 100

43 26.3 14.7 22.1#

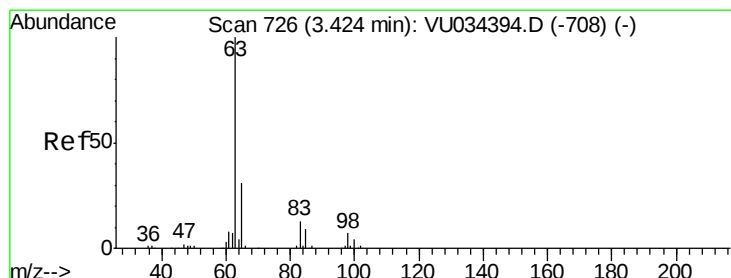
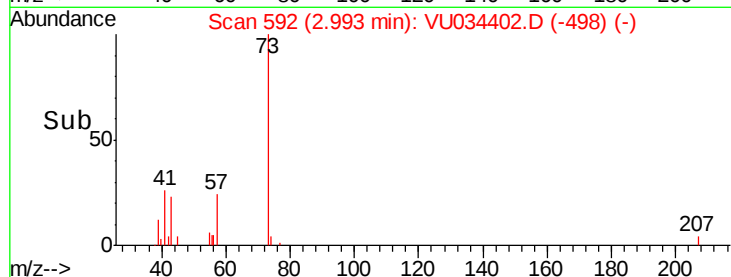
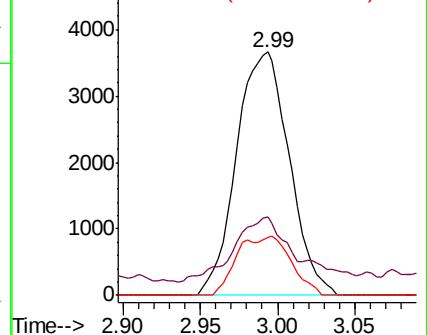
57 10.8 18.6 27.8#



Abundance Ion 73.10 (72.80 to 73.80): VU034402.D (-498) (-)

Ion 43.05 (42.75 to 43.75): VU034402.D (-498) (-)

Ion 57.10 (56.80 to 57.80): VU034402.D (-498) (-)



#19

1,1-Dichloroethane

Concen: 0.149 ug/L

RT: 3.43 min Scan# 727

Delta R.T. 0.00 min

Lab File: VU034402.D

Acq: 08 Sep 2019 00:40

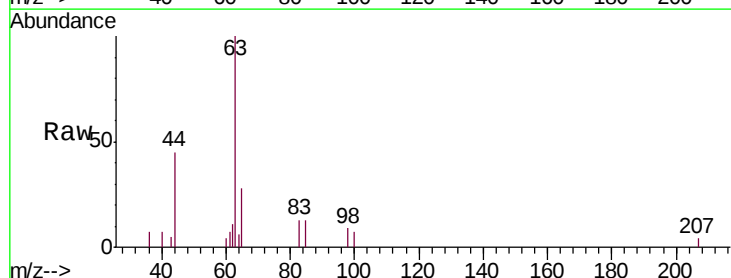
Tgt Ion: 63 Resp: 5350

Ion Ratio Lower Upper

63 100

65 28.1 22.5 41.9

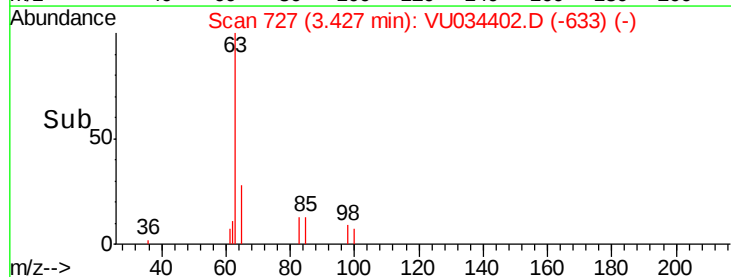
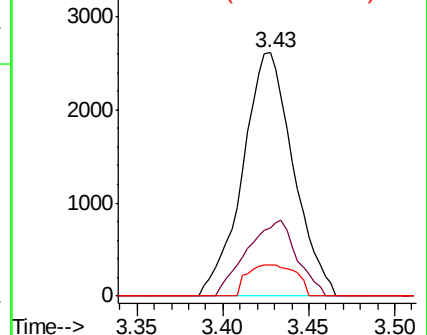
83 13.0 9.1 16.9

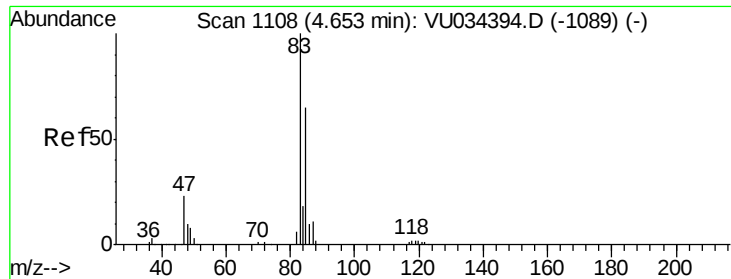


Abundance Ion 63.10 (62.80 to 63.80): VU034402.D (-633) (-)

Ion 65.10 (64.80 to 65.80): VU034402.D (-633) (-)

Ion 83.05 (82.75 to 83.75): VU034402.D (-633) (-)





#25

Chloroform

Concen: 0.182 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VU034402.D

Acq: 08 Sep 2019 00:40

Instrument :

MSVOA_U

ClientSampleId :

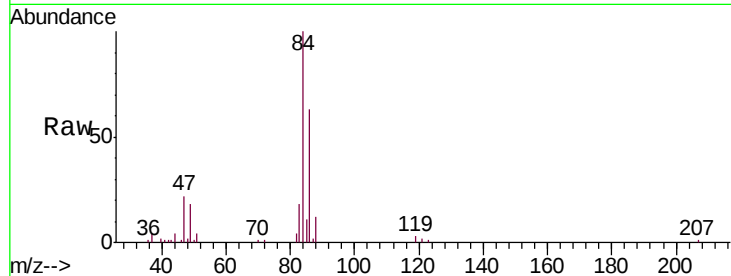
BFD93

Tgt Ion: 83 Resp: 6640

Ion Ratio Lower Upper

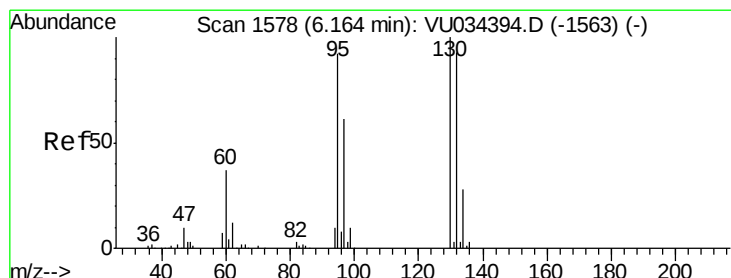
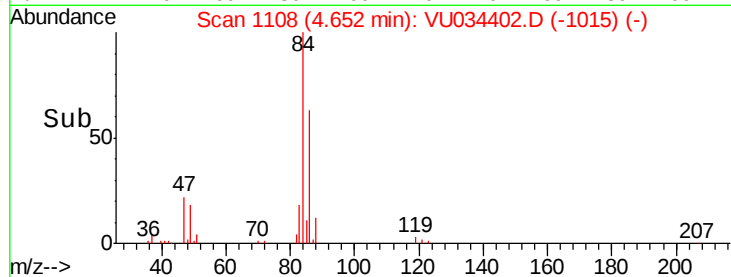
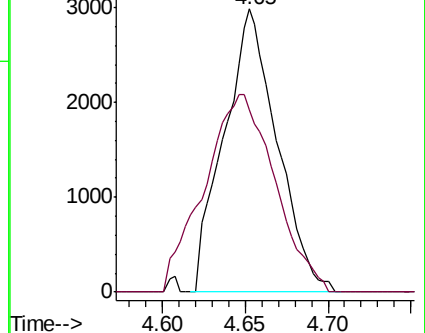
83 100

85 64.4 46.8 86.8



Abundance Ion 83.05 (82.75 to 83.75): VU034394.D (-1089) (-)

Ion 85.00 (84.70 to 85.70): VU034394.D (-1089) (-)



#34

Trichloroethene

Concen: 0.705 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU034402.D

Acq: 08 Sep 2019 00:40

Tgt Ion: 95 Resp: 15406

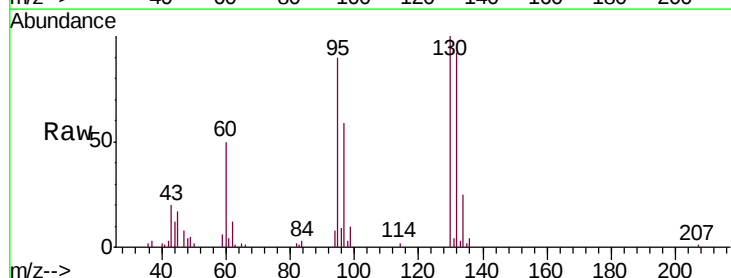
Ion Ratio Lower Upper

95 100

97 65.0 43.3 80.5

132 102.0 68.6 127.4

130 110.6 70.5 130.9

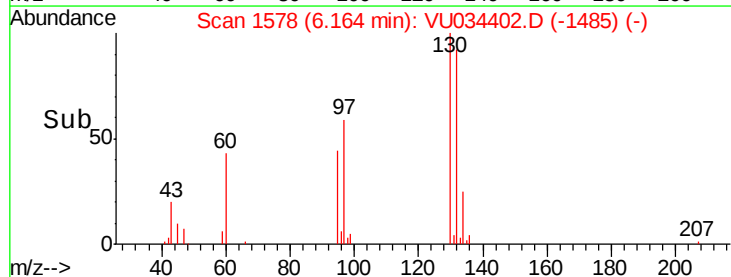
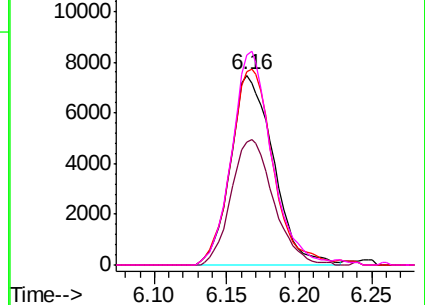


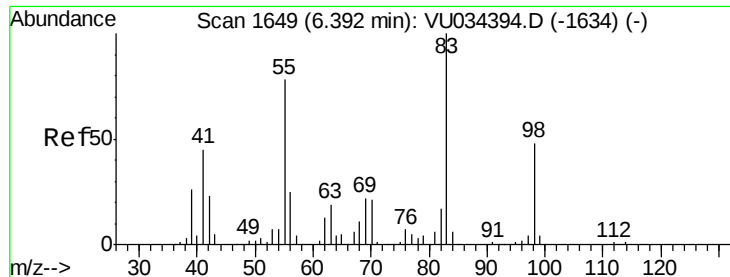
Abundance Ion 95.00 (94.70 to 95.70): VU034394.D (-1563) (-)

Ion 96.95 (96.65 to 97.65): VU034394.D (-1563) (-)

Ion 131.95 (131.65 to 132.65): VU034394.D (-1563) (-)

Ion 129.95 (129.65 to 130.65): VU034394.D (-1563) (-)

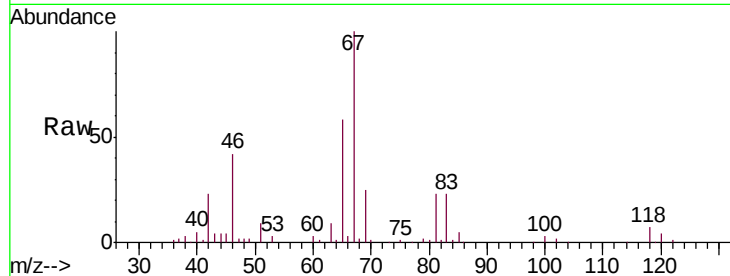




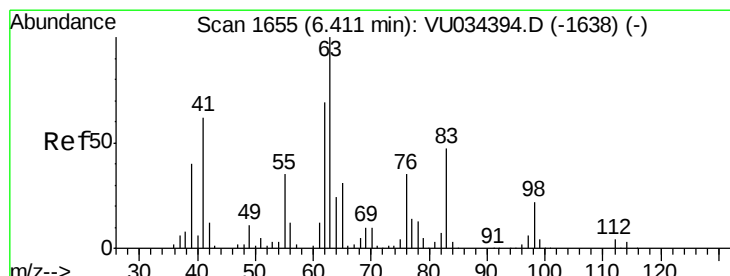
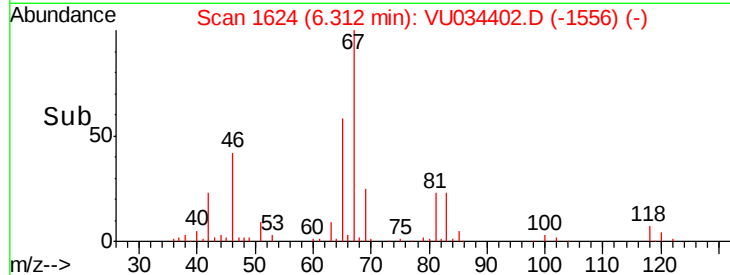
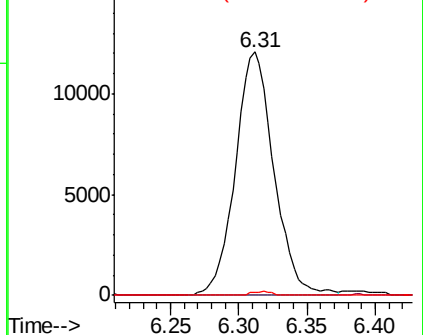
#35
Methylcyclohexane
Concen: 0.654 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU034402.D
Acq: 08 Sep 2019 00:40

Instrument :
MSVOA_U
ClientSampleId :
BFD93

Tgt Ion: 83 Resp: 23679
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 0.8 36.2 54.2#

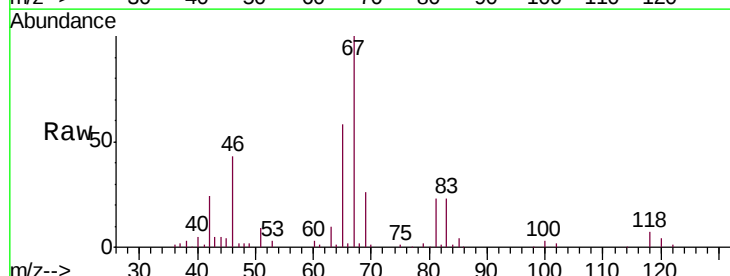


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

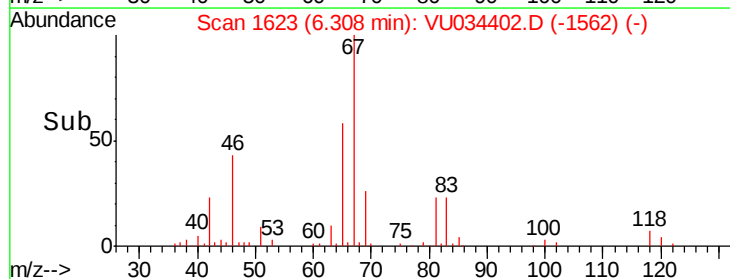
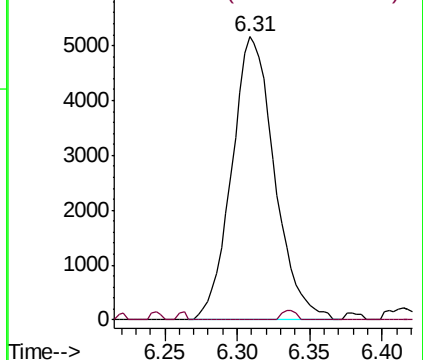


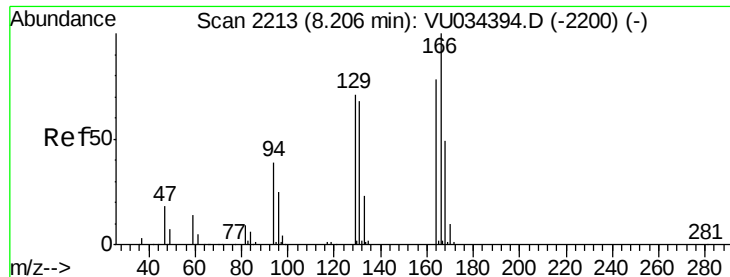
#37
1,2-Dichloropropane
Concen: 0.486 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU034402.D
Acq: 08 Sep 2019 00:40

Tgt Ion: 63 Resp: 10604
Ion Ratio Lower Upper
63 100
112 1.0 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#47

Tetrachloroethene

Concen: 7.234 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034402.D

Acq: 08 Sep 2019 00:40

Instrument :

MSVOA_U

ClientSampled :

BFD93

Tgt Ion:164 Resp: 129891

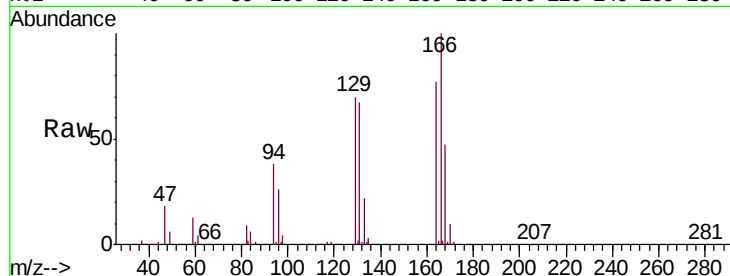
Ion Ratio Lower Upper

164 100

129 90.1 68.0 126.2

131 86.4 64.6 120.0

166 129.1 92.0 170.8

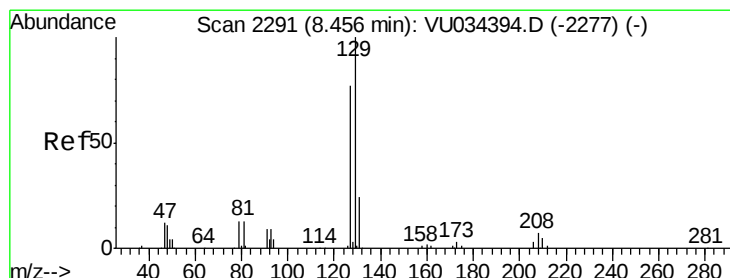
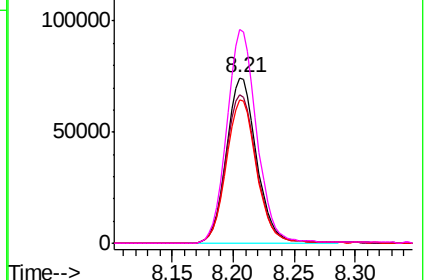
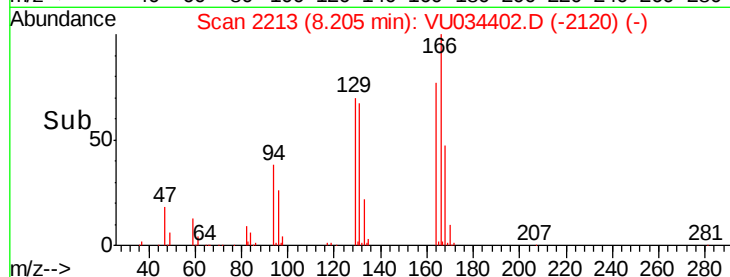


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 7.164 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.25 min

Lab File: VU034402.D

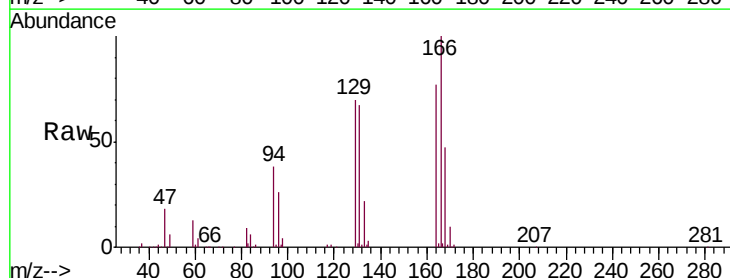
Acq: 08 Sep 2019 00:40

Tgt Ion:129 Resp: 119045

Ion Ratio Lower Upper

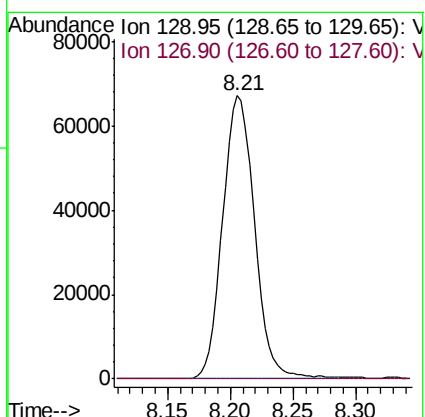
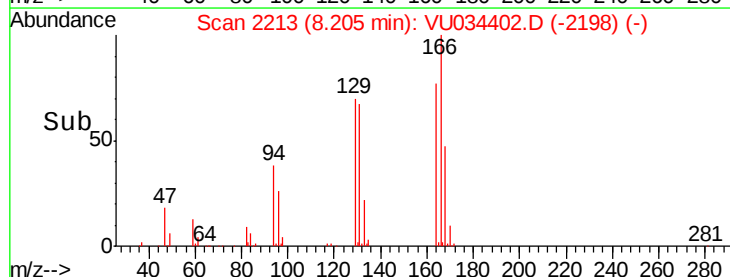
129 100

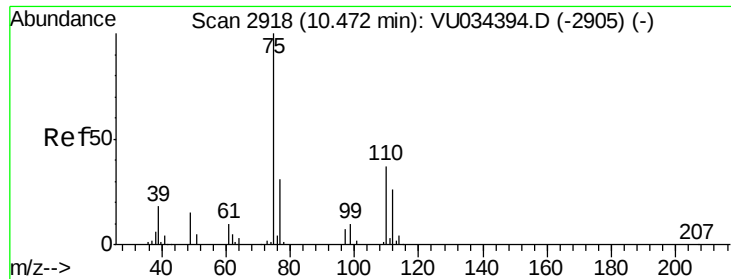
127 0.0 54.2 100.6#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 1.049 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034402.D

Acq: 08 Sep 2019 00:40

Instrument :

MSVOA_U

ClientSampleId :

BFD93

Tgt Ion: 75 Resp: 13119

Ion Ratio Lower Upper

75 100

77 34.9 26.0 39.0

