

Data File : VU032035.D
Acq On : 15 May 2019 16:32
Operator : JC/SP
Sample : K2738-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB897

Quant Time: May 16 04:29:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1053231	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	1044489	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	412489	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	361052	39.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.12%
7) Chloroethane-d5	1.67	69	311573	41.64	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.28%
11) 1,1-Dichloroethene-d2	2.27	63	513490	31.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.00%
21) 2-Butanone-d5	4.17	46	586263	90.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.59%
24) Chloroform-d	4.64	84	671357	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.30	65	436866	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.68%
32) Benzene-d6	5.33	84	1422271	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
36) 1,2-Dichloropropane-d6	6.32	67	472668	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.76%
41) Toluene-d8	7.56	98	1238938	45.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.46%
43) trans-1,3-Dichloropropene-	7.85	79	186185	42.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.60%
47) 2-Hexanone-d5	8.31	63	379232	93.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.73%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	645235	43.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	420013	48.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.78%

Target Compounds

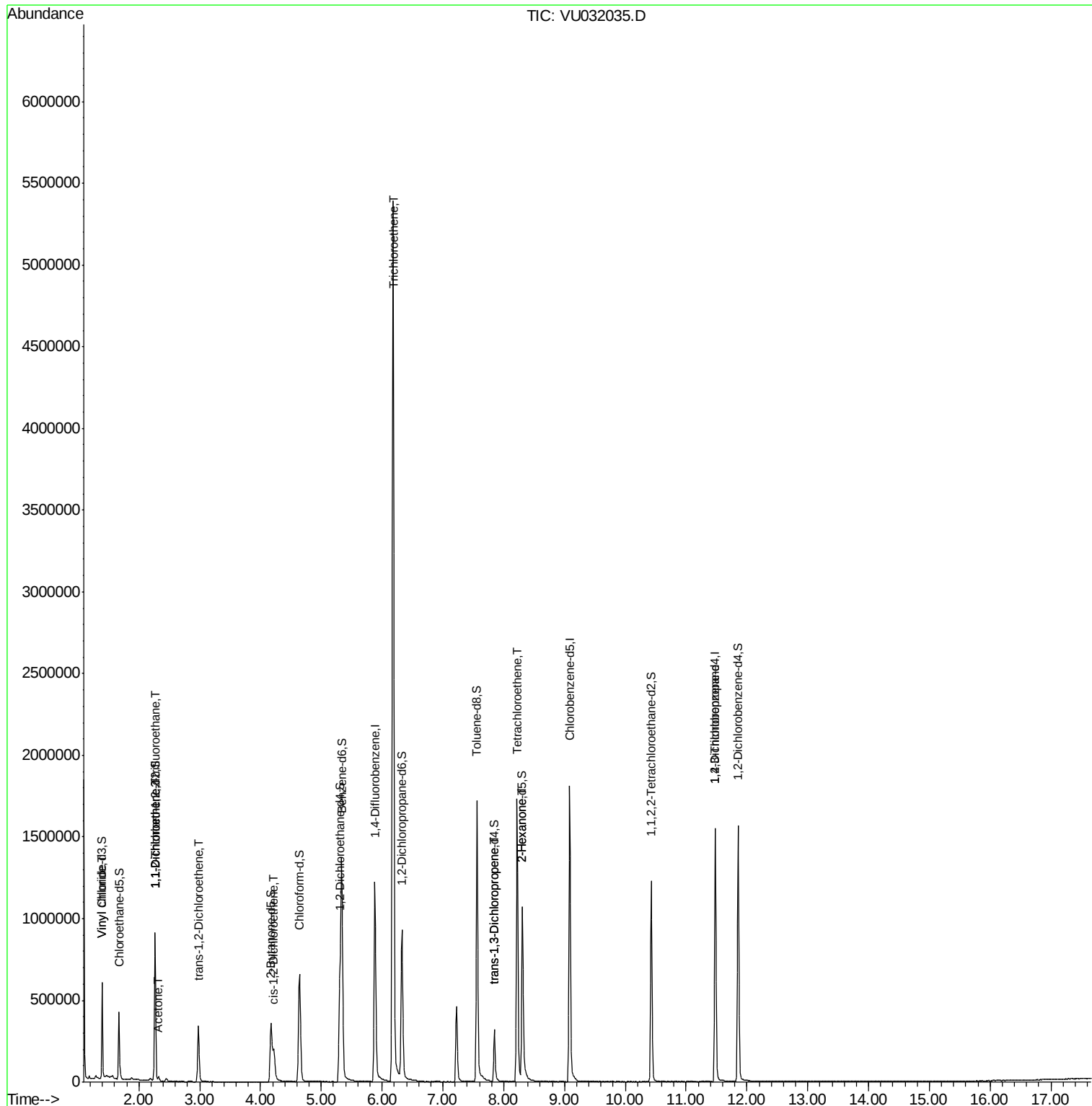
					Qvalue	
5) Vinyl chloride	1.40	62	20461	1.804	ug/L #	21
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4552	0.581	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	4492	0.577	ug/L #	1
13) Acetone	2.32	43	19408	2.917	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	137164	16.951	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	87134	9.735	ug/L	93
34) Trichloroethene	6.18	95	1999887	236.033	ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	7320	0.639	ug/L #	70
46) Tetrachloroethene	8.22	164	402537	67.290	ug/L	98
48) 2-Hexanone	8.31	43	41210	4.072	ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	52083	4.345	ug/L	94

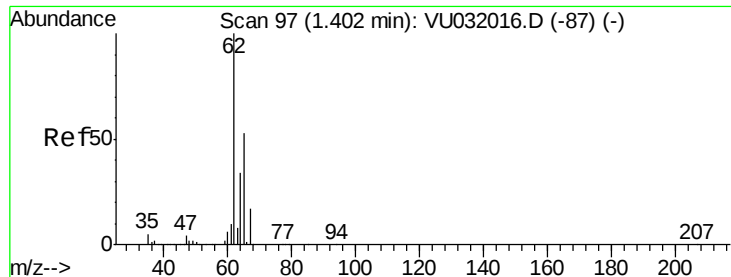
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032035.D
Acq On : 15 May 2019 16:32
Operator : JC/SP
Sample : K2738-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB897

Quant Time: May 16 04:29:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.804 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU032035.D

Acq: 15 May 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

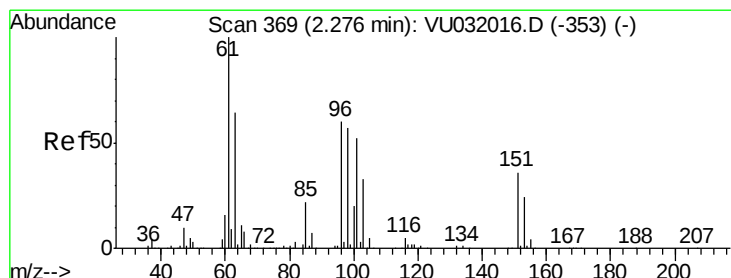
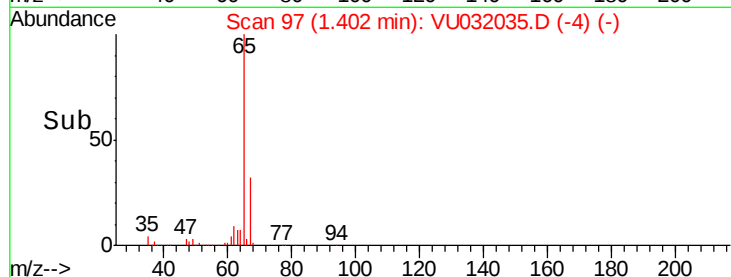
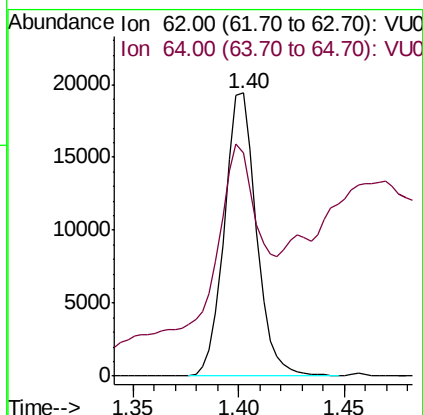
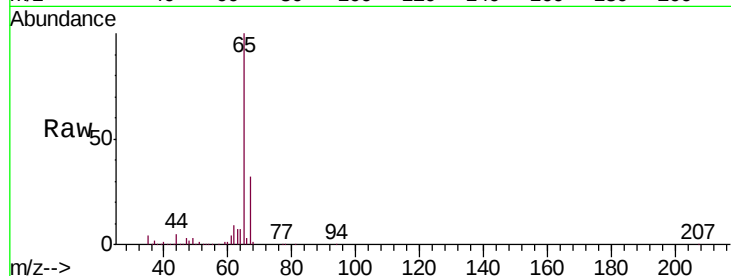
DB897

Tgt Ion: 62 Resp: 20461

Ion Ratio Lower Upper

62 100

64 79.0 23.6 43.8#



#10

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

Concen: 0.581 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032035.D

Acq: 15 May 2019 16:32

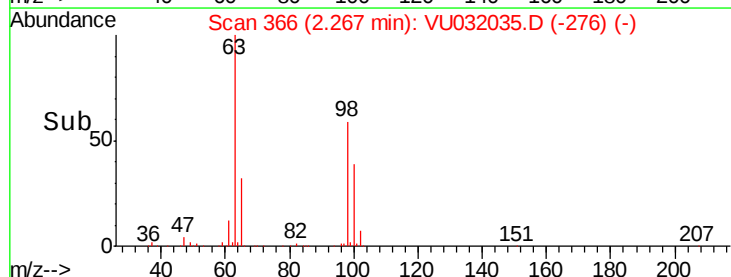
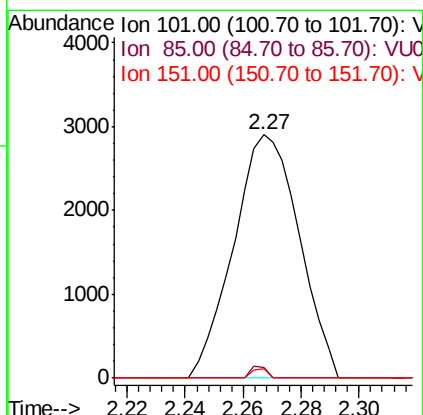
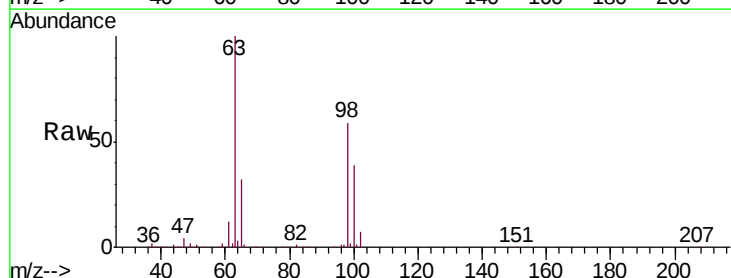
Tgt Ion: 101 Resp: 4552

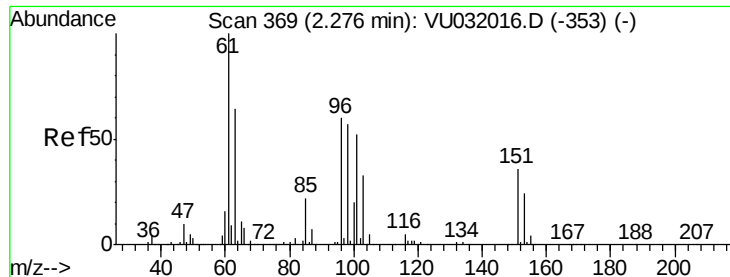
Ion Ratio Lower Upper

101 100

85 1.1 34.1 51.1#

151 0.9 55.8 83.8#





#12

1,1-Dichloroethene

Concen: 0.577 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032035.D

Acq: 15 May 2019 16:32

Instrument :

MSVOA_U

ClientSampled :

DB897

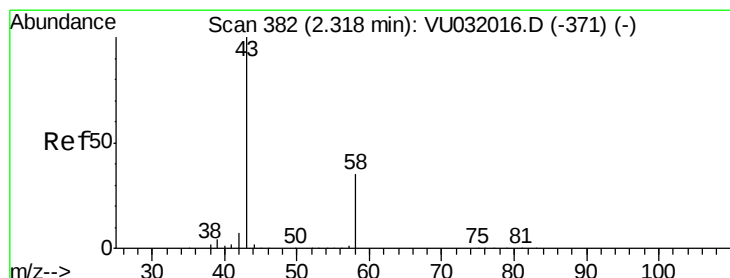
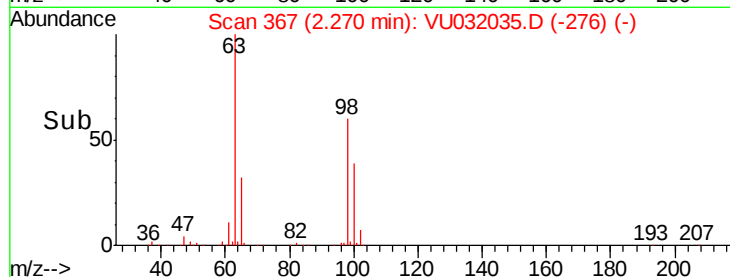
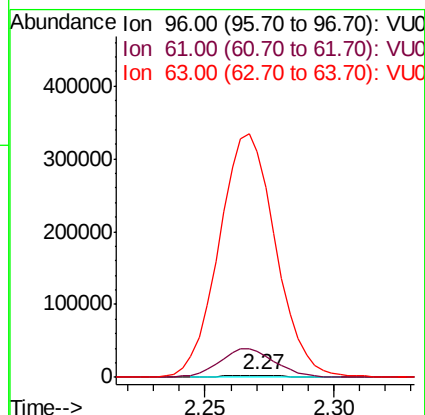
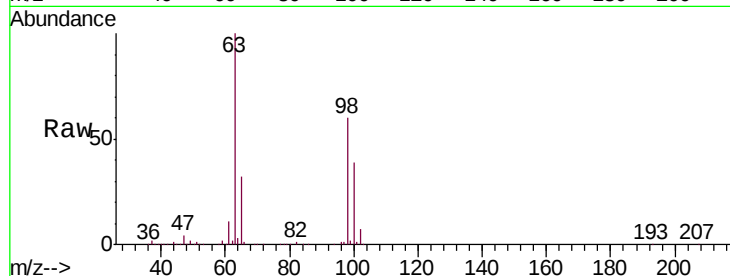
Tgt Ion: 96 Resp: 4492

Ion Ratio Lower Upper

96 100

61 1231.9 120.9 224.5#

63 10717.5 84.4 156.8#



#13

Acetone

Concen: 2.917 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032035.D

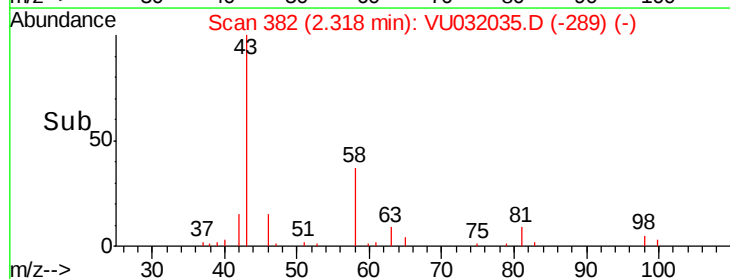
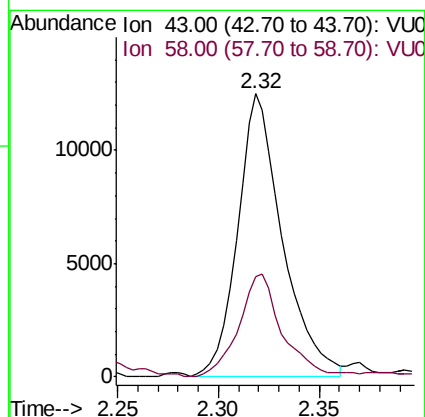
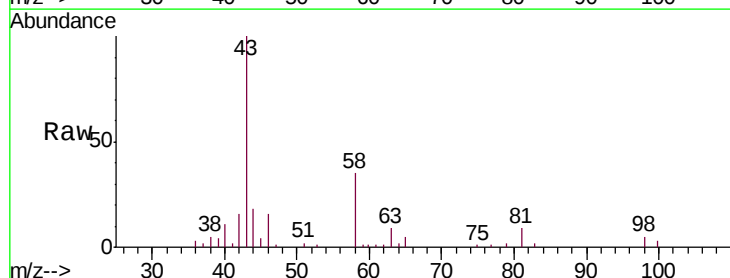
Acq: 15 May 2019 16:32

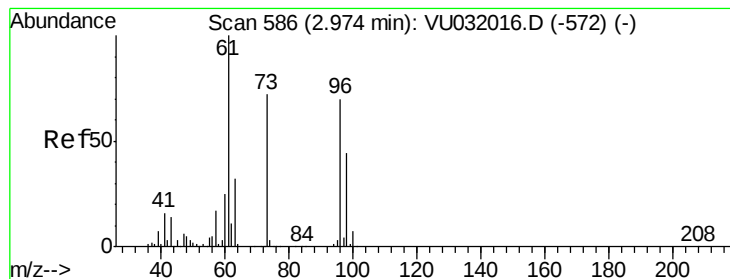
Tgt Ion: 43 Resp: 19408

Ion Ratio Lower Upper

43 100

58 34.7 0.0 68.2





#17

trans-1,2-Dichloroethene

Concen: 16.951 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU032035.D

Acq: 15 May 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

DB897

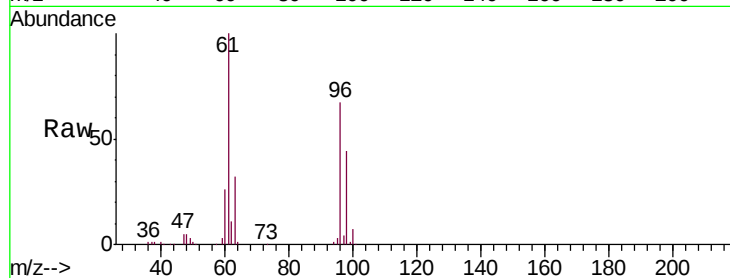
Tgt Ion: 96 Resp: 137164

Ion Ratio Lower Upper

96 100

61 148.7 103.2 191.6

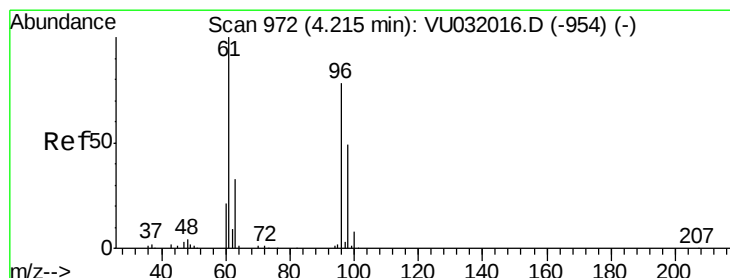
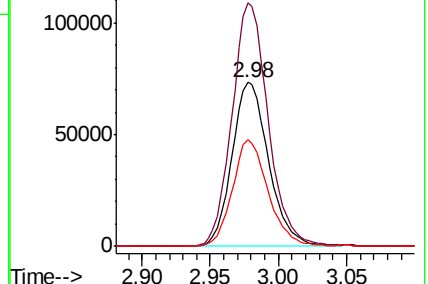
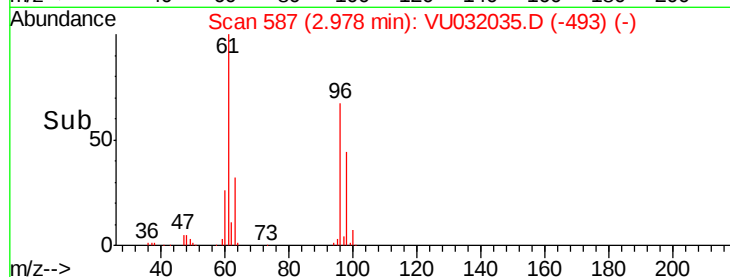
98 65.0 45.7 84.9



Abundance Ion 96.00 (95.70 to 96.70): VU032035.D (-493) (-)

Ion 61.00 (60.70 to 61.70): VU032035.D (-493) (-)

Ion 98.00 (97.70 to 98.70): VU032035.D (-493) (-)



#20

cis-1,2-Dichloroethene

Concen: 9.735 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU032035.D

Acq: 15 May 2019 16:32

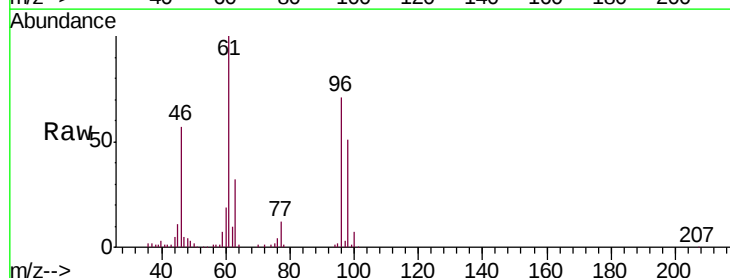
Tgt Ion: 96 Resp: 87134

Ion Ratio Lower Upper

96 100

61 140.7 93.0 172.8

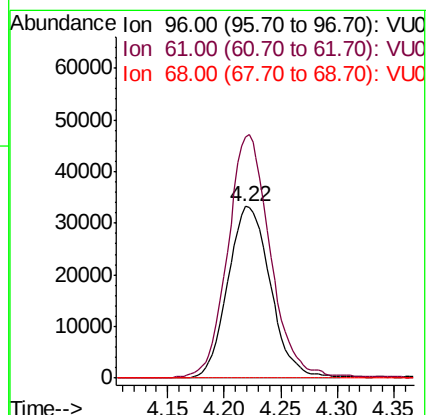
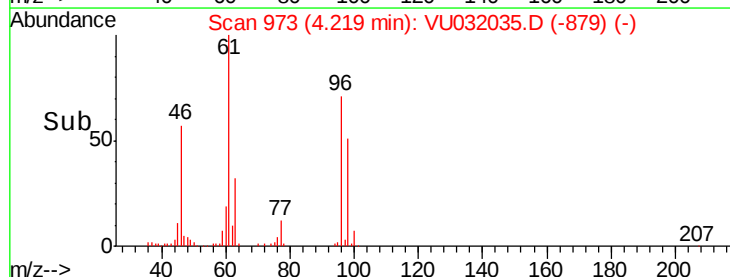
68 0.0 0.0 0.0

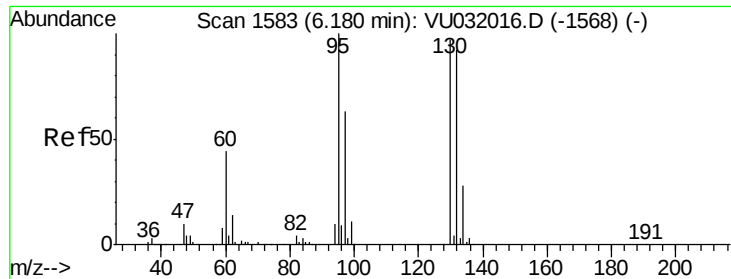


Abundance Ion 96.00 (95.70 to 96.70): VU032035.D (-879) (-)

Ion 61.00 (60.70 to 61.70): VU032035.D (-879) (-)

Ion 68.00 (67.70 to 68.70): VU032035.D (-879) (-)





#34

Trichloroethene

Concen: 236.033 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032035.D

Acq: 15 May 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

DB897

Tgt Ion: 95 Resp: 1999887

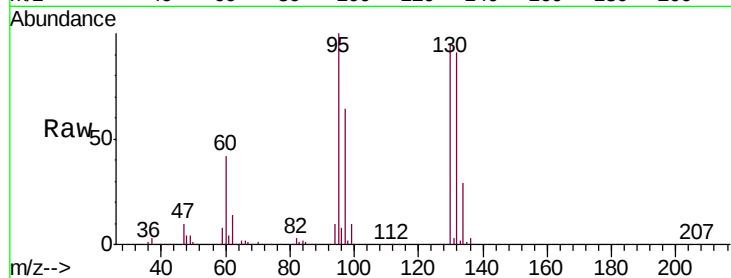
Ion Ratio Lower Upper

95 100

97 64.5 44.9 83.3

132 90.6 63.5 117.9

130 95.4 66.2 123.0

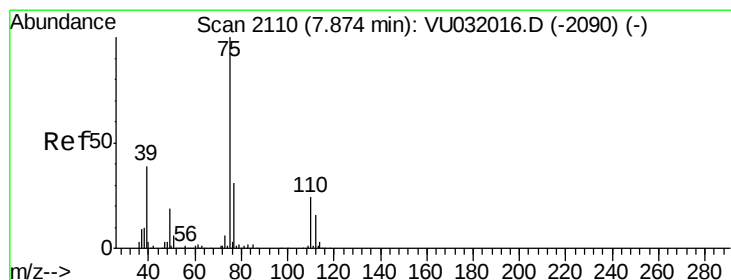
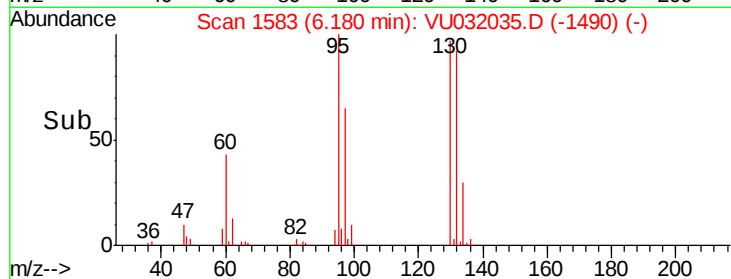
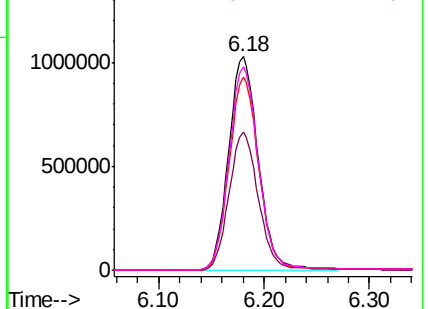


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#44

trans-1,3-Dichloropropene

Concen: 0.639 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032035.D

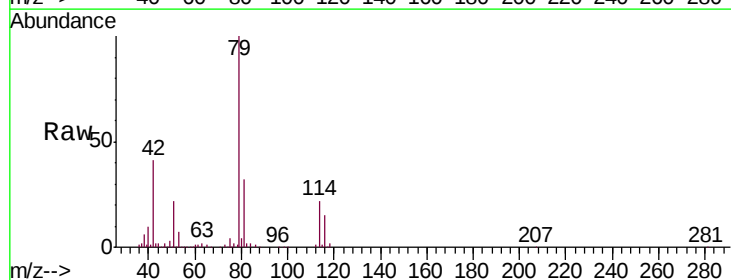
Acq: 15 May 2019 16:32

Tgt Ion: 75 Resp: 7320

Ion Ratio Lower Upper

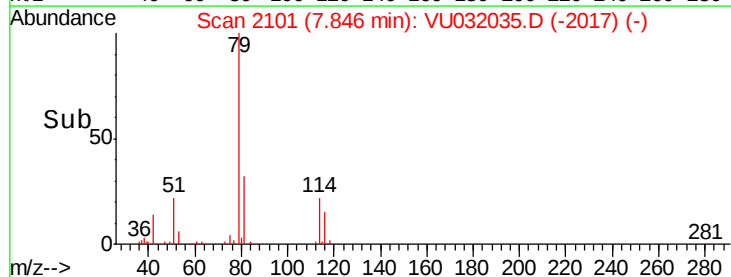
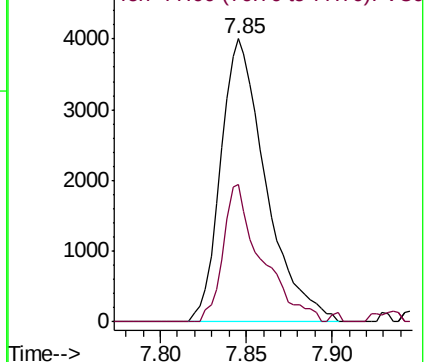
75 100

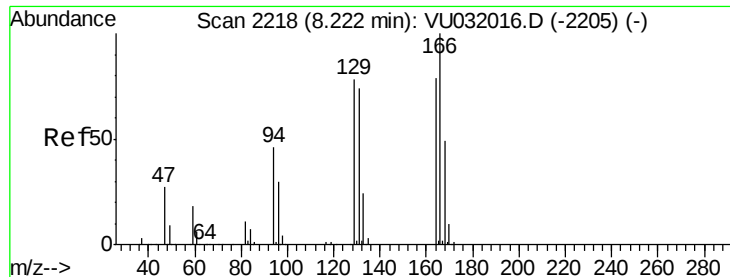
77 48.7 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#46

Tetrachloroethene

Concen: 67.290 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032035.D

Acq: 15 May 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

DB897

Tgt Ion:164 Resp: 402537

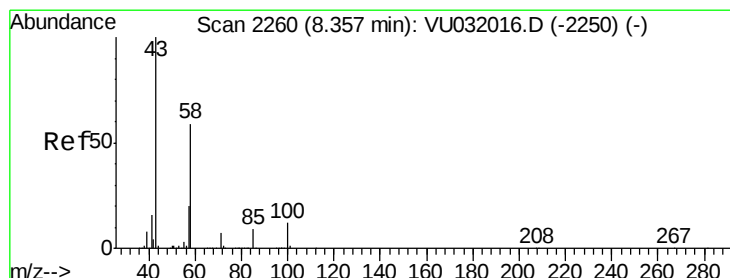
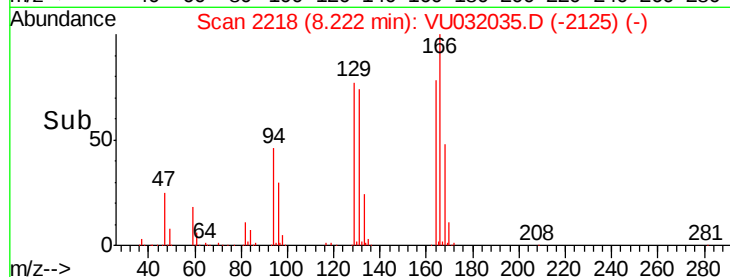
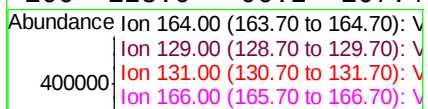
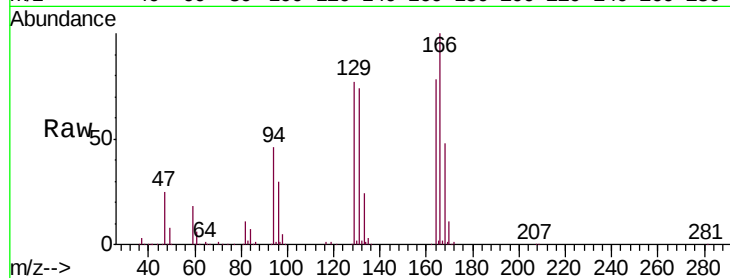
Ion Ratio Lower Upper

164 100

129 98.1 70.9 131.7

131 94.1 67.4 125.2

166 128.0 90.2 167.4



#48

2-Hexanone

Concen: 4.072 ug/L

RT: 8.31 min Scan# 2244

Delta R.T. -0.05 min

Lab File: VU032035.D

Acq: 15 May 2019 16:32

Tgt Ion: 43 Resp: 41210

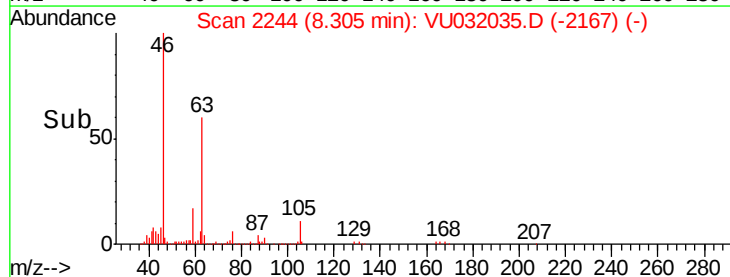
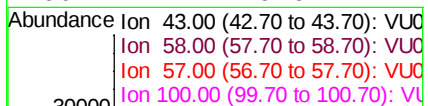
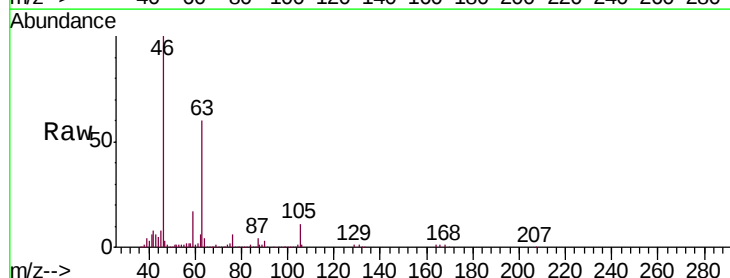
Ion Ratio Lower Upper

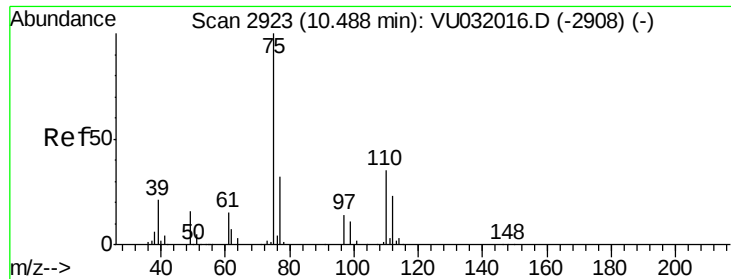
43 100

58 41.0 47.8 71.6#

57 34.1 16.0 24.0#

100 1.4 9.6 14.4#





#59

1,2,3-Trichloropropane

Concen: 4.345 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032035.D

Acq: 15 May 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

DB897

Tgt Ion: 75 Resp: 52083

Ion Ratio Lower Upper

75 100

77 35.6 25.7 38.5

