

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121019\
 Data File : VU036117.D
 Acq On : 11 Dec 2019 05:49
 Operator : JC/MD
 Sample : K6214-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BD806

Manual Integrations
 APPROVED

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 12/16/2019 12:18:38 PM

Quant Time: Dec 11 07:57:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 07:30:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	305203	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	337475	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	95252	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	124354	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.93	69	121467	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.59	63	141339	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	4.69	46	265311	57.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.48%
24) Chloroform-d	5.11	84	183027	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.75	65	106983	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.77	84	395829	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.73	67	127304	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.93	98	328240	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	8.21	79	44899	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.68	63	249466	64.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.42%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	112988	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	86599	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

					Ovalue
3) Chloromethane	1.54	50	6893	0.235	ug/L 90
5) Vinyl chloride	1.62	62	224944	7.360	ug/L 99
13) Acetone	2.66	43	17279	2.936	ug/L 96
18) trans-1,2-Dichloroethene	3.39	96	33804	1.491	ug/L 95
22) cis-1,2-Dichloroethene	4.72	96	10047283	422.381	ug/L # 98
25) Chloroform	5.14	83	20921	0.461	ug/L 92
34) Trichloroethene	6.58	95	2418986	98.778	ug/L 97
47) Tetrachloroethene	8.58	164	26341857m	1131.387	ug/L

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

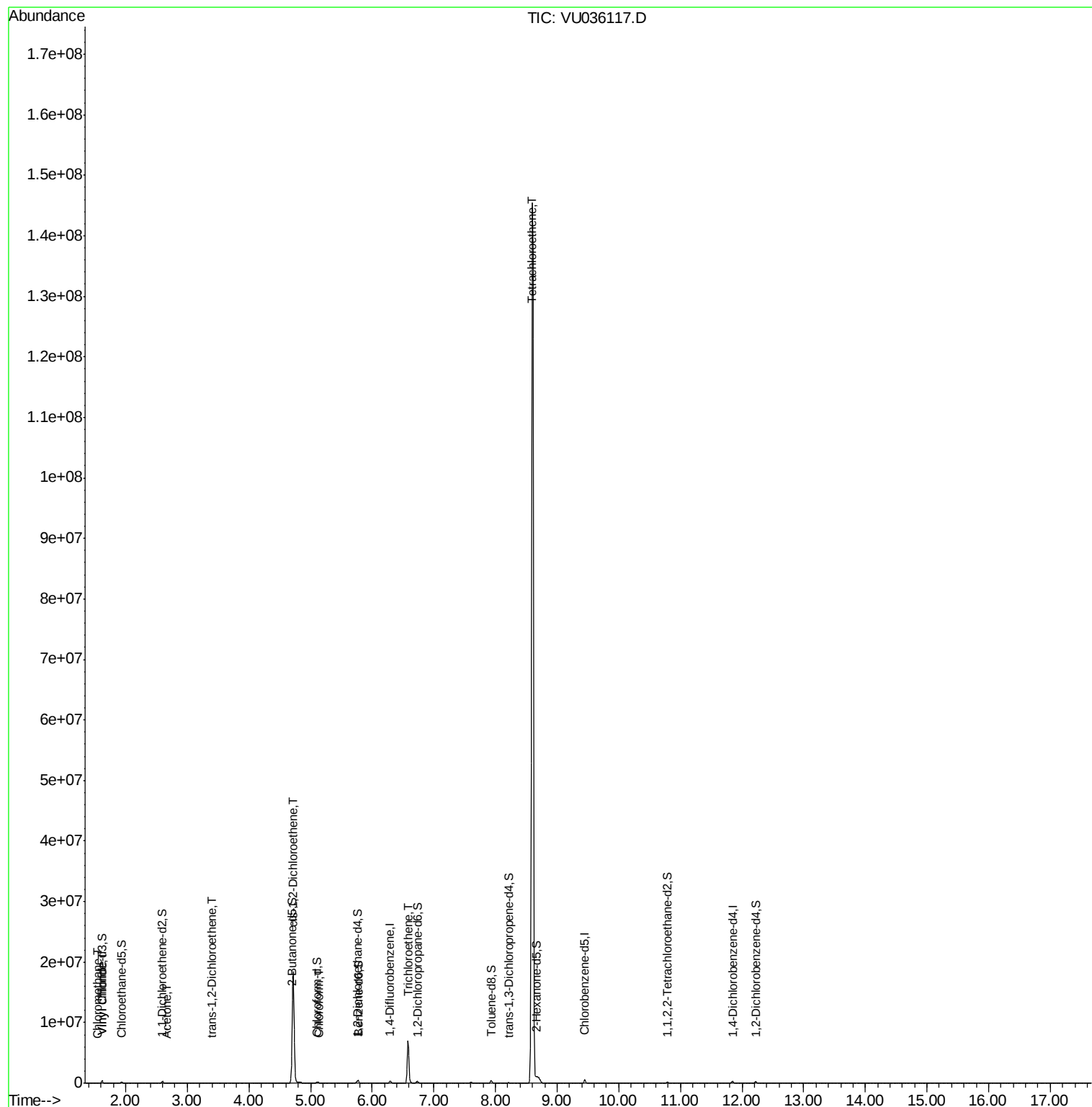
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121019\
Data File : VU036117.D
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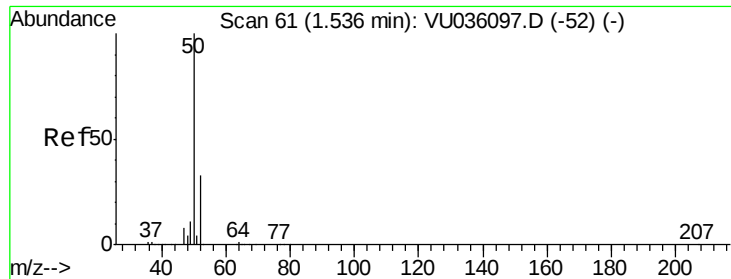
Instrument :
MSVOA_U
ClientSampleId :
BD806

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Quant Time: Dec 11 07:57:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 07:30:58 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.235 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU036117.D

Acq: 11 Dec 2019 05:49

Instrument :

MSVOA_U

ClientSampled :

BD806

Tot Ion: 50 Resp: 6893

Ion Ratio Lower Upper

50 100

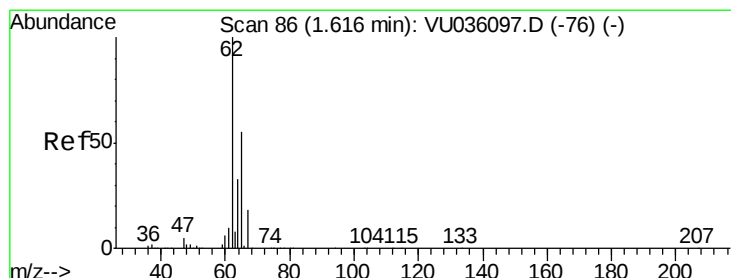
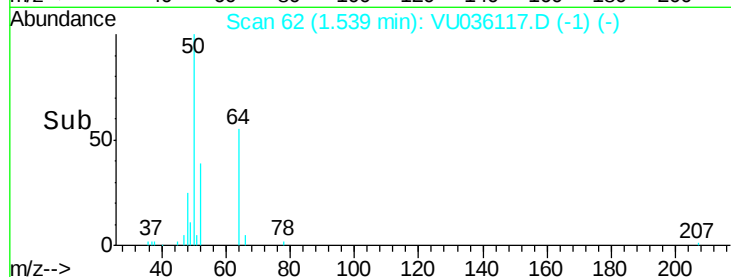
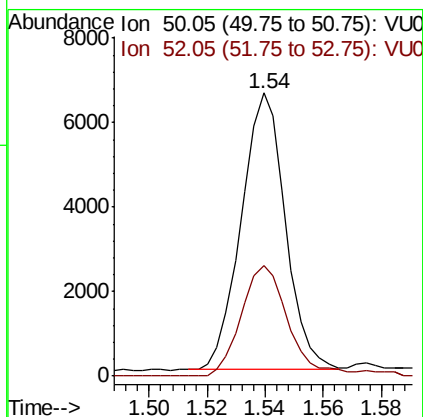
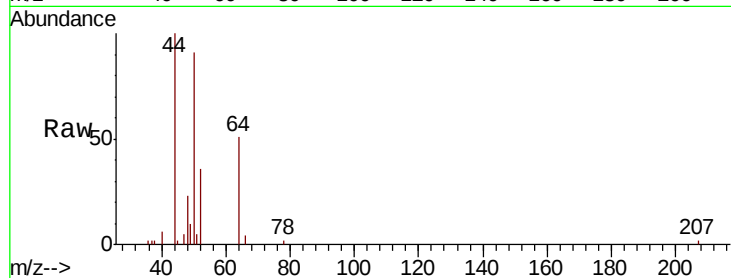
52 39.2 23.6 43.8

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#5

Vinyl chloride

Concen: 7.360 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU036117.D

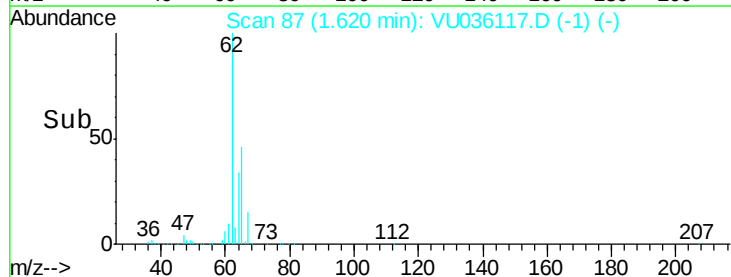
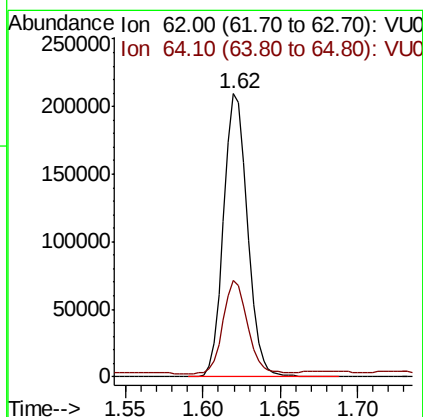
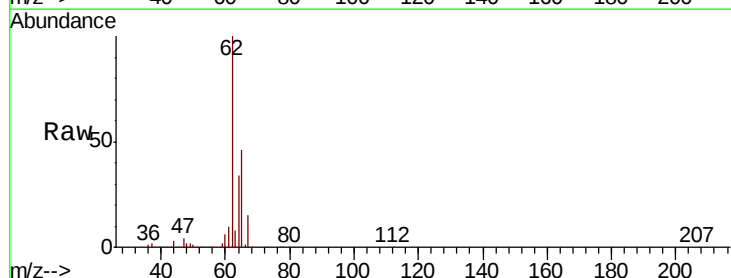
Acq: 11 Dec 2019 05:49

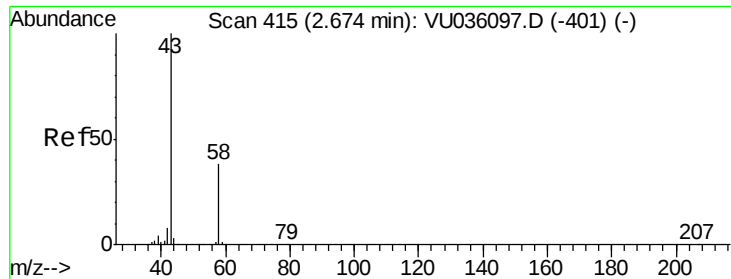
Tgt Ion: 62 Resp: 224944

Ion Ratio Lower Upper

62 100

64 34.0 24.3 45.1





#13

Acetone

Concen: 2.936 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU036117.D

Acq: 11 Dec 2019 05:49

Instrument :

MSVOA_U

ClientSampled :

BD806

Tot Ion: 43 Resp: 17279

Ion Ratio Lower Upper

43 100

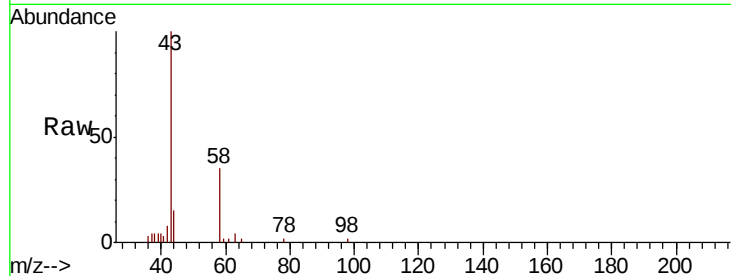
58 34.5 0.0 74.2

Manual Integrations

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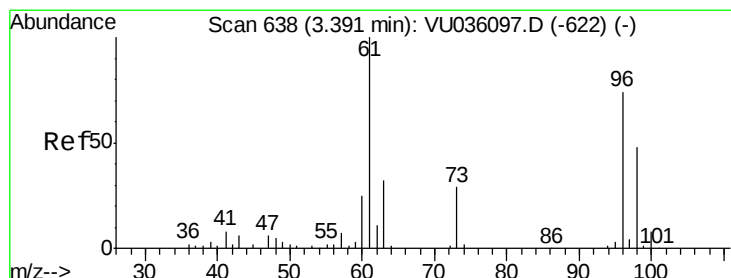
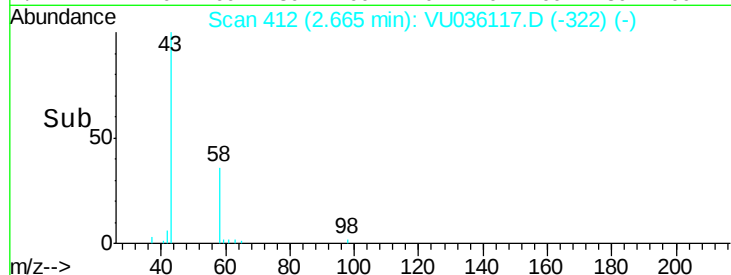
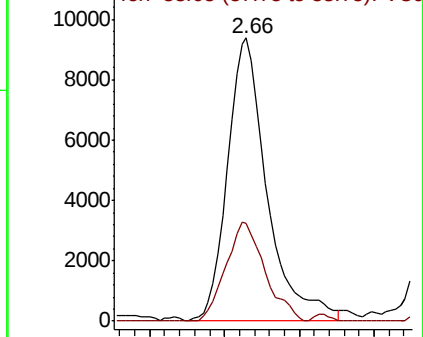
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Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#18

trans-1,2-Dichloroethene

Concen: 1.491 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: VU036117.D

Acq: 11 Dec 2019 05:49

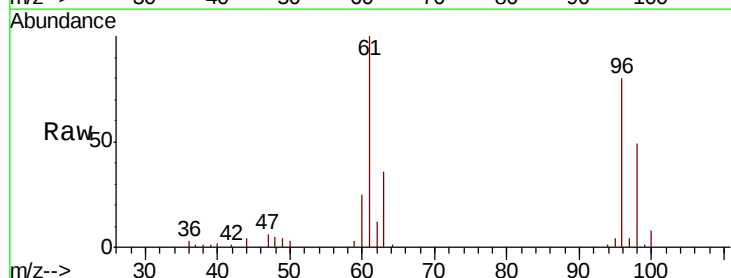
Tgt Ion: 96 Resp: 33804

Ion Ratio Lower Upper

96 100

61 125.4 92.0 170.8

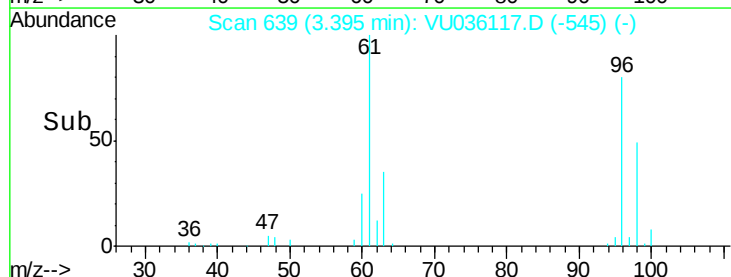
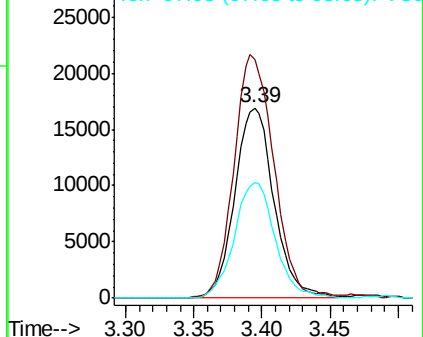
98 61.0 44.6 82.8

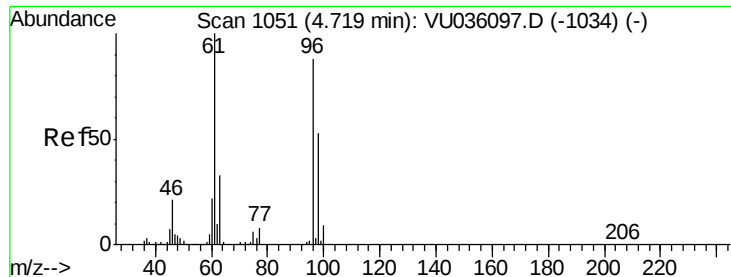


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 422.381 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU036117.D

Acq: 11 Dec 2019 05:49

Instrument :

MSVOA_U

ClientSampleId :

BD806

Tot Ion: 96 Resp:10047283

Ion Ratio Lower Upper

96 100

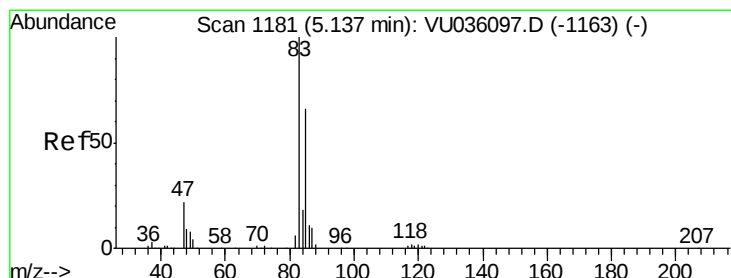
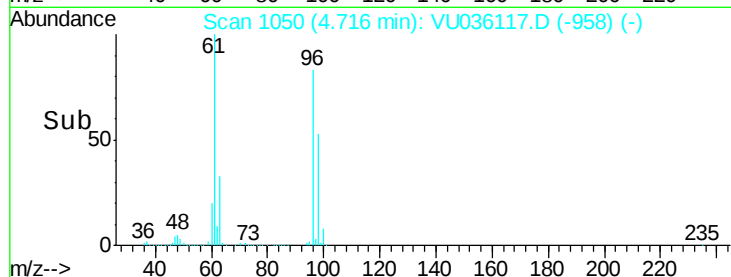
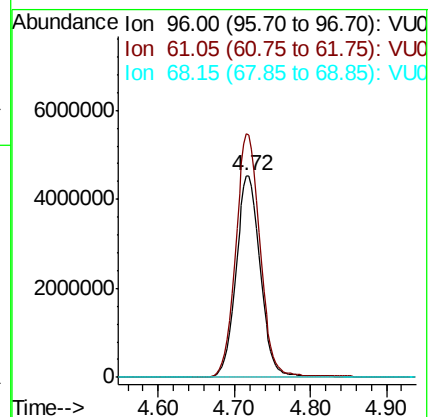
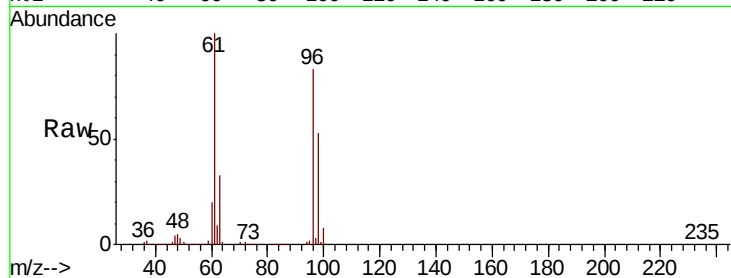
61 120.7 83.0 154.2

68 0.0 0.0 0.0#

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#25

Chloroform

Concen: 0.461 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU036117.D

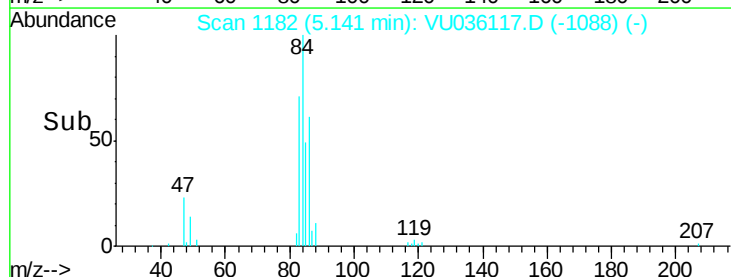
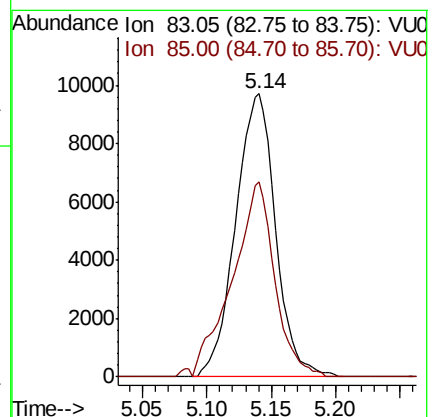
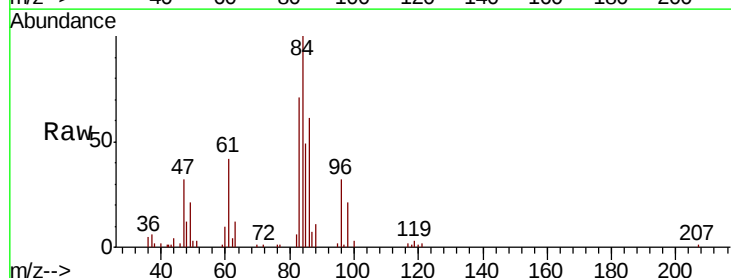
Acq: 11 Dec 2019 05:49

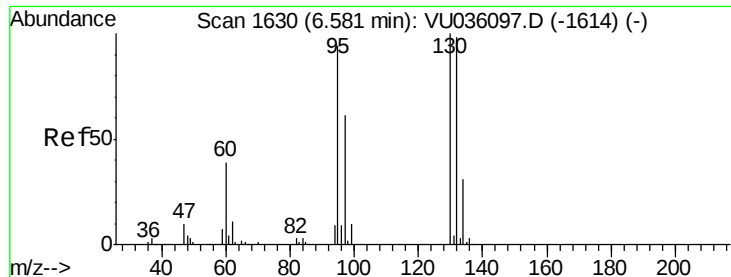
Tgt Ion: 83 Resp: 20921

Ion Ratio Lower Upper

83 100

85 68.8 43.9 81.5





#34

Trichloroethene

Concen: 98.778 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU036117.D

Acq: 11 Dec 2019 05:49

Instrument :

MSVOA_U

ClientSampleId :

BD806

Tot Ion: 95 Resp: 2418986

Ion Ratio Lower Upper

95 100

97 64.6 44.4 82.4

132 101.6 73.4 136.4

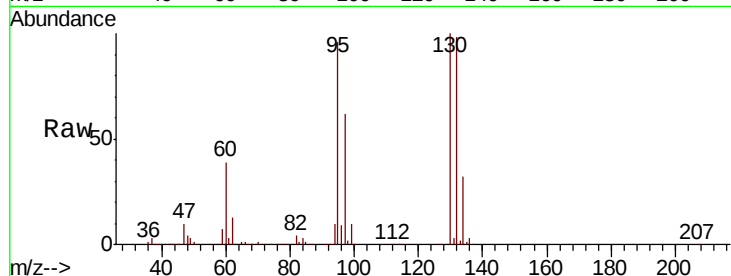
130 103.9 75.9 141.1

Manual Integrations

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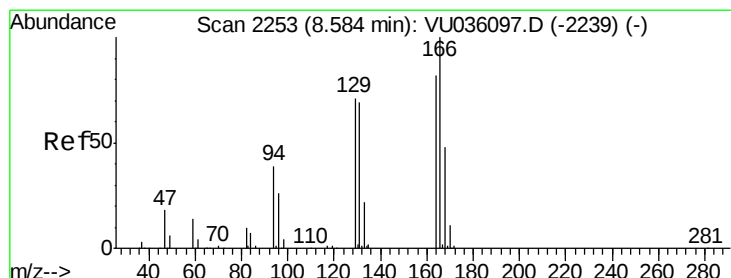
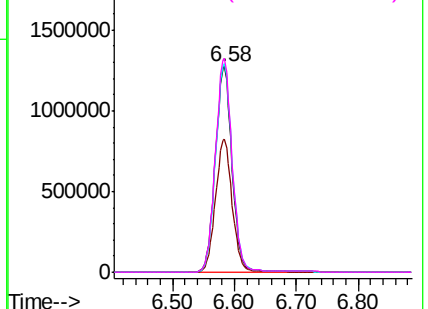
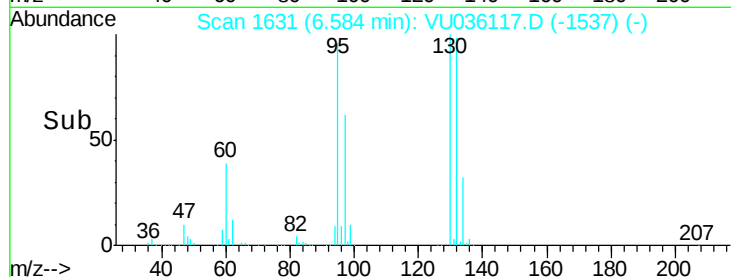
Abundance

Ion 95.00 (94.70 to 95.70): VU036117.D (-1537) (-)

Ion 96.95 (96.65 to 97.65): VU036117.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU036117.D (-1537) (-)

Ion 129.95 (129.65 to 130.65): VU036117.D (-1537) (-)



#47

Tetrachloroethene

Concen: 1131.387 ug/L m

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036117.D

Acq: 11 Dec 2019 05:49

Tgt Ion: 164 Resp: 26341857

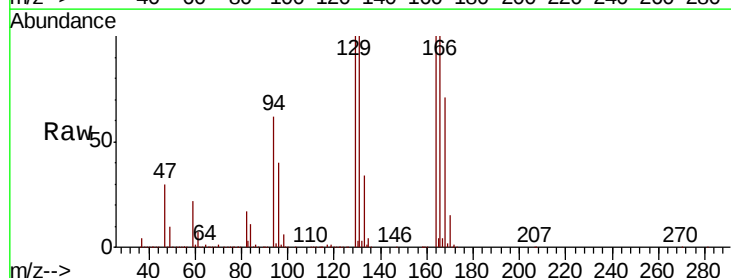
Ion Ratio Lower Upper

164 100

129 100.0 63.1 117.3

131 100.0 61.5 114.1

166 100.0 91.0 169.0



Abundance

Ion 163.90 (163.60 to 164.60): VU036117.D (-2160) (-)

Ion 128.95 (128.65 to 129.65): VU036117.D (-2160) (-)

Ion 130.95 (130.65 to 131.65): VU036117.D (-2160) (-)

Ion 165.90 (165.60 to 166.60): VU036117.D (-2160) (-)

