

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112519\
 Data File : VU035837.D
 Acq On : 25 Nov 2019 20:56
 Operator : JC/SP
 Sample : K5992-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GARE9

Manual Integrations
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Quant Time: Nov 26 03:01:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 26 01:03:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	245951	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	279195	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	94722	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	128660	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.93	69	127800	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.60	63	210714	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.69	46	432277	58.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.28%
24) Chloroform-d	5.11	84	251903	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.75	65	154976	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.77	84	499562	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.74	67	182659	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.93	98	419937	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.21	79	64186	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.68	63	369097	65.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.50%#
57) 1,1,2,2-Tetrachloroethane-	10.79	84	155171	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	108217	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.54	50	4035	0.098	ug/L	94
12) 1,1-Dichloroethene	2.61	96	67819	2.650	ug/L	92
13) Acetone	2.67	43	8153	1.248	ug/L	97
18) trans-1,2-Dichloroethene	3.39	96	39287	1.559	ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	1043187	37.149	ug/L	96
25) Chloroform	5.14	83	27543	0.500	ug/L	99
34) Trichloroethene	6.57	95	27707592m	969.699	ug/L	
45) 1,1,2-Trichloroethane	8.43	97	9624	0.447	ug/L	91
47) Tetrachloroethene	8.59	164	26126	1.202	ug/L	97

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

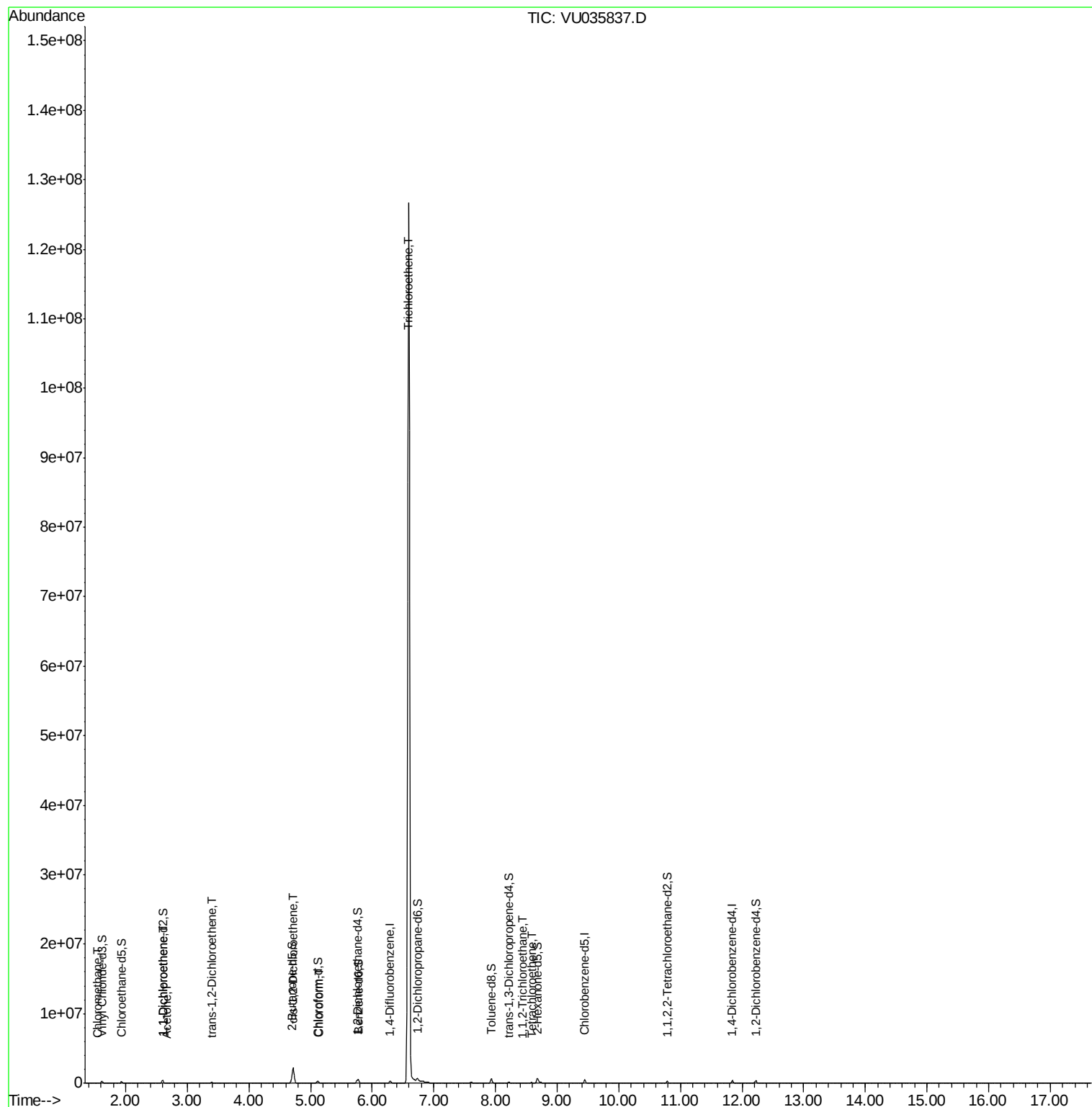
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU112519\
Data File : VU035837.D
Acq On : 25 Nov 2019 20:56
Operator : JC/SP
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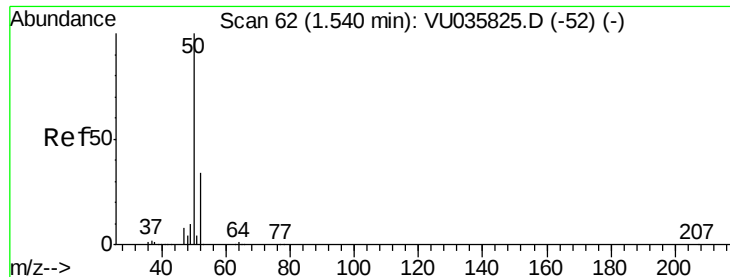
Instrument :
MSVOA_U
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Quant Time: Nov 26 03:01:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 01:03:35 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.098 ug/L

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU035837.D

Acq: 25 Nov 2019 20:56

Instrument :

MSVOA_U

ClientSampled :

GARE9

Tot Ion: 50 Resp: 4035

Ion Ratio Lower Upper

50 100

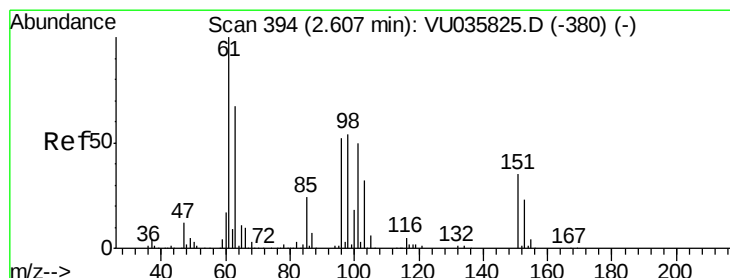
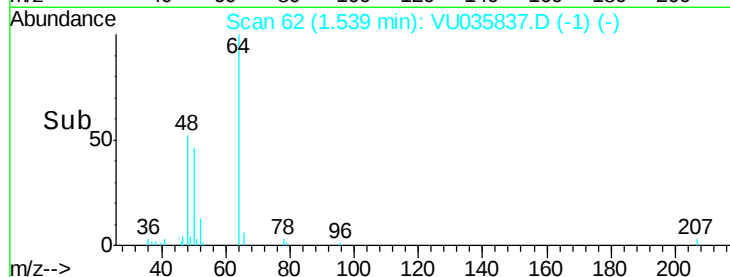
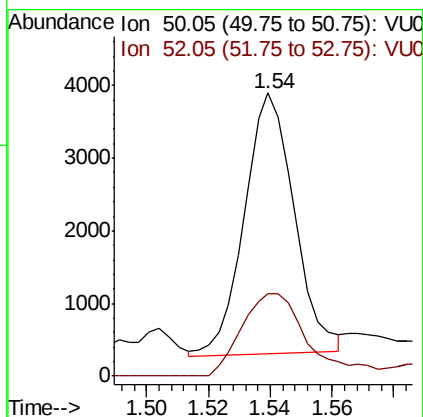
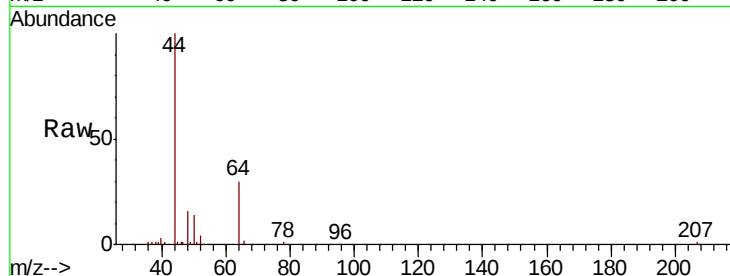
52 28.9 22.7 42.3

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#12

1,1-Dichloroethene

Concen: 2.650 ug/L

RT: 2.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: VU035837.D

Acq: 25 Nov 2019 20:56

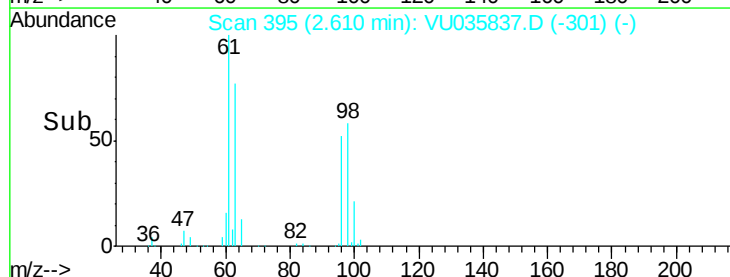
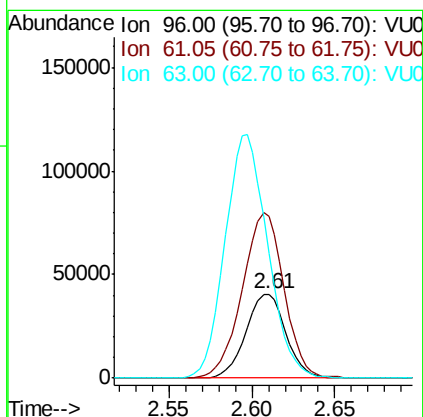
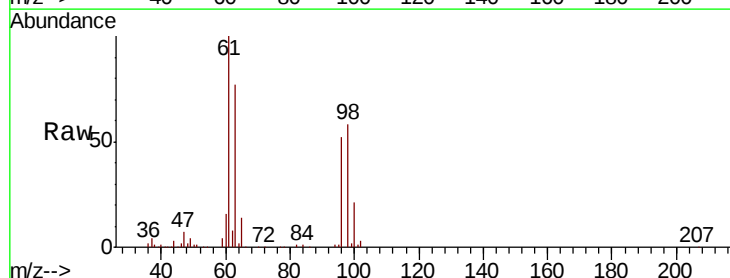
Tgt Ion: 96 Resp: 67819

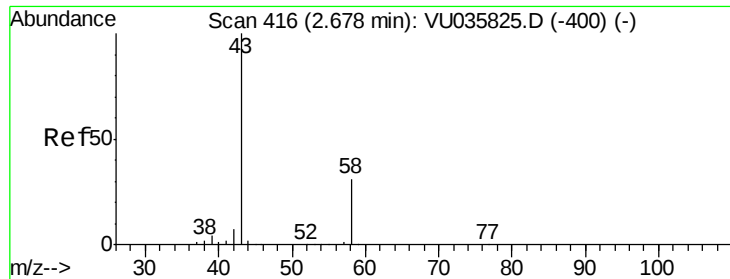
Ion Ratio Lower Upper

96 100

61 193.0 139.3 258.7

63 149.1 93.7 174.1





#13

Acetone

Concen: 1.248 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU035837.D

Acq: 25 Nov 2019 20:56

Instrument :

MSVOA_U

ClientSampled :

GARE9

Tot Ion: 43 Resp: 8153

Ion Ratio Lower Upper

43 100

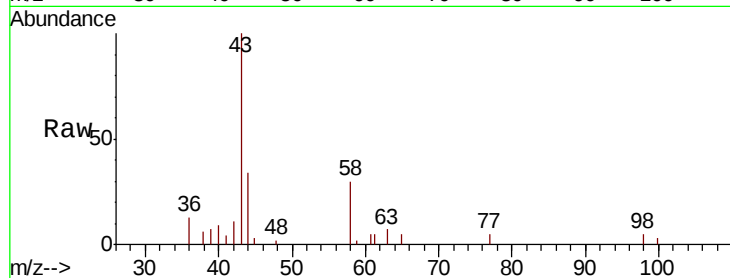
58 32.3 0.0 61.2

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Abundance Ion 43.05 (42.75 to 43.75): VU035837.D (-323) (-)

Ion 58.05 (57.75 to 58.75): VU035837.D (-323) (-)

2.67

5000

4000

3000

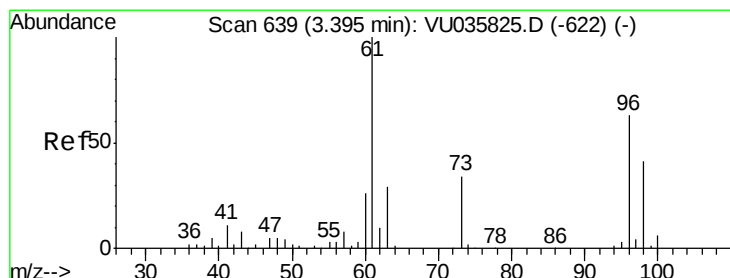
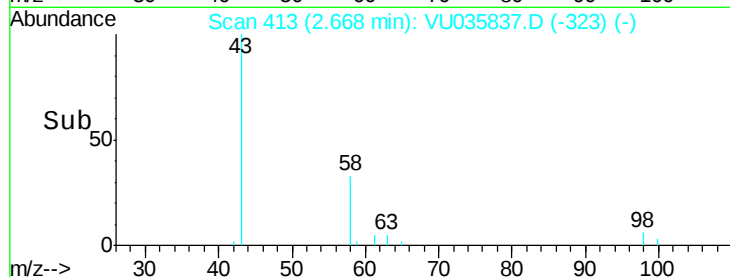
2000

1000

0

Time-->

2.60 2.65 2.70



#18

trans-1,2-Dichloroethene

Concen: 1.559 ug/L

RT: 3.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: VU035837.D

Acq: 25 Nov 2019 20:56

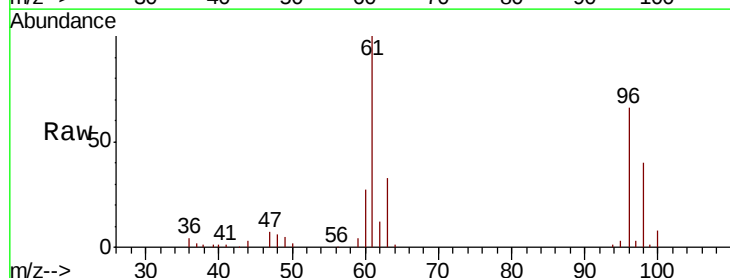
Tgt Ion: 96 Resp: 39287

Ion Ratio Lower Upper

96 100

61 150.8 111.1 206.3

98 60.0 43.1 80.1



Abundance Ion 96.00 (95.70 to 96.70): VU035837.D (-546) (-)

Ion 61.05 (60.75 to 61.75): VU035837.D (-546) (-)

Ion 97.95 (97.65 to 98.65): VU035837.D (-546) (-)

40000

30000

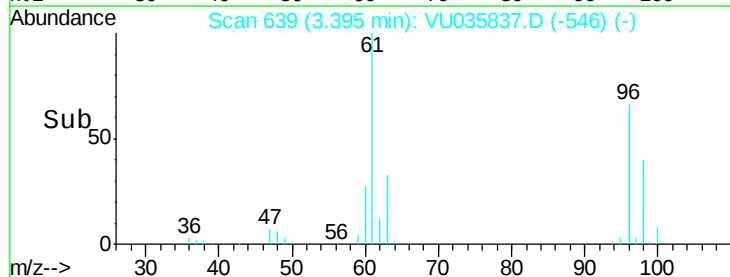
20000

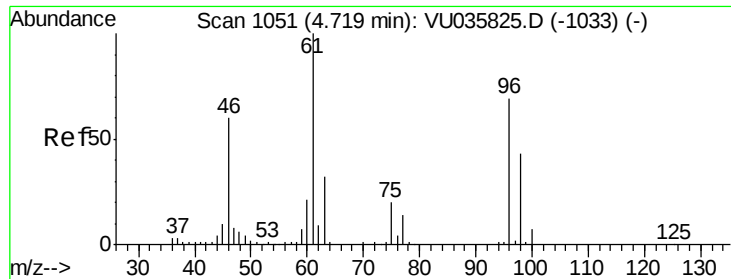
10000

0

Time-->

3.30 3.35 3.40 3.45





#22
 cis-1,2-Dichloroethene
 Concen: 37.149 ug/L
 RT: 4.72 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VU035837.D
 Acq: 25 Nov 2019 20:56

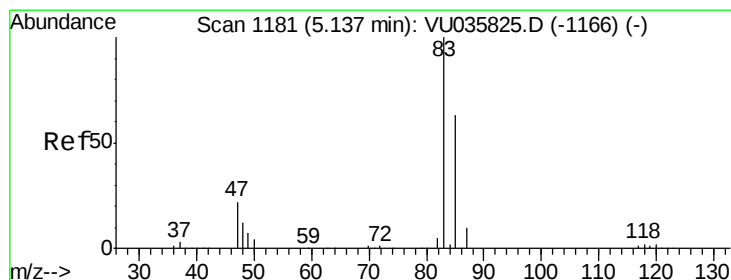
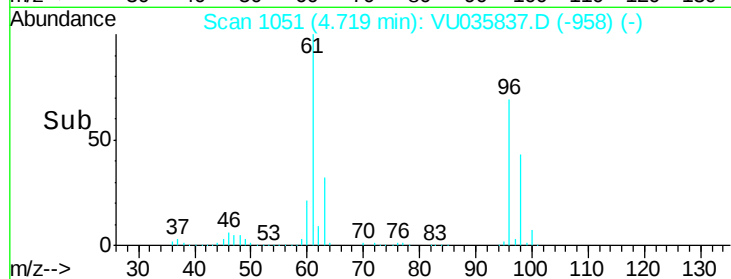
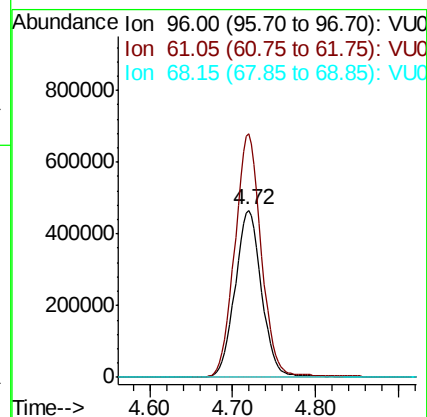
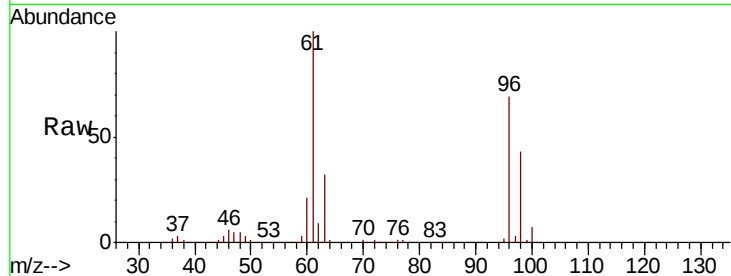
Instrument :
 MSVOA_U
 ClientSampleId :
 GARE9

Tot Ion: 96 Resp: 1043187

Ion	Ratio	Lower	Upper
96	100		
61	145.4	98.1	182.1
68	0.0	0.0	0.0

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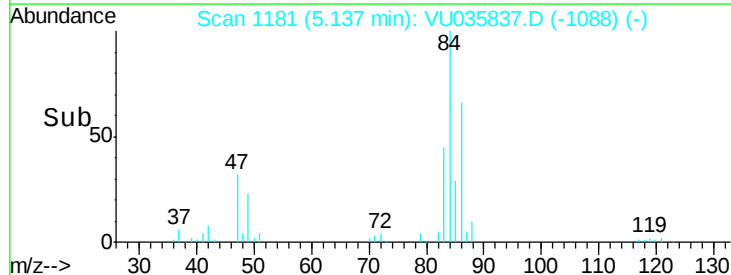
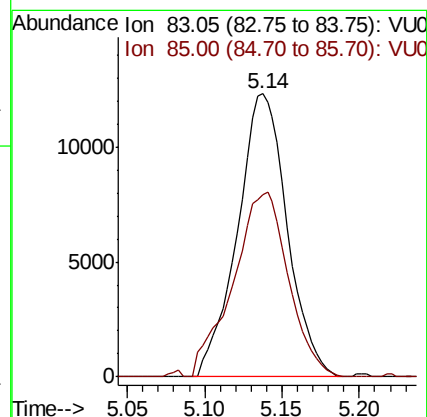
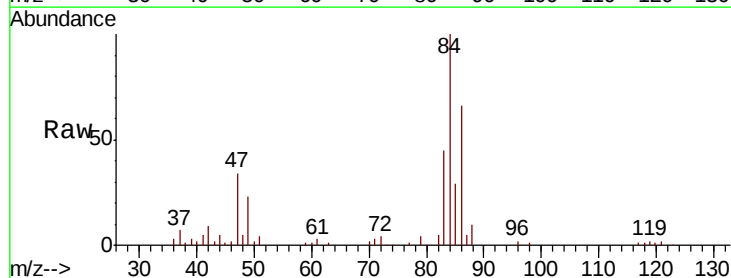
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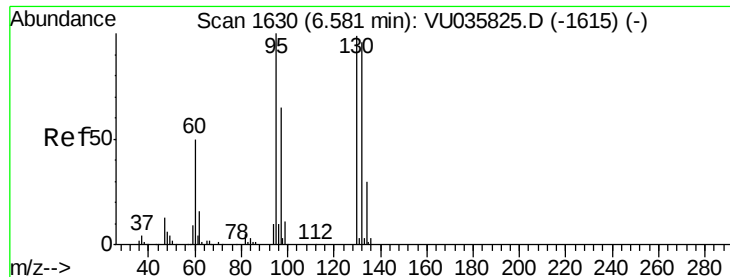


#25
 Chloroform
 Concen: 0.500 ug/L
 RT: 5.14 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VU035837.D
 Acq: 25 Nov 2019 20:56

Tgt Ion: 83 Resp: 27543

Ion	Ratio	Lower	Upper
83	100		
85	64.4	44.6	82.8





#34

Trichloroethene

Concen: 969.699 ug/L m

RT: 6.57 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VU035837.D

Acq: 25 Nov 2019 20:56

Instrument :

MSVOA_U

ClientSampleId :

GARE9

Tot Ion: 95 Resp: 27707592

Ion Ratio Lower Upper

95 100

97 75.4 45.1 83.9

132 97.5 61.9 114.9

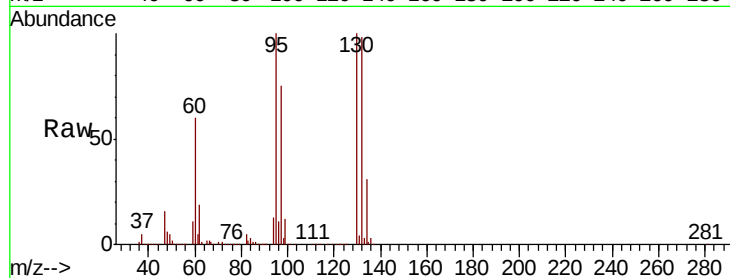
130 100.0 66.3 123.1

Manual Integrations

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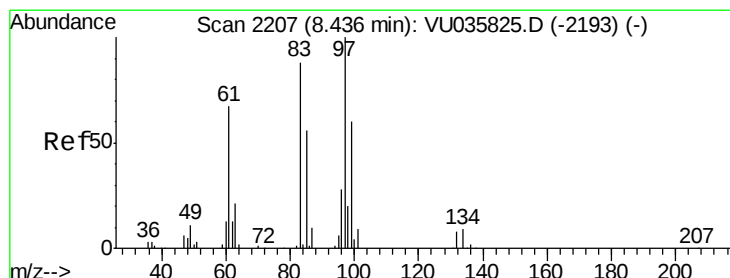
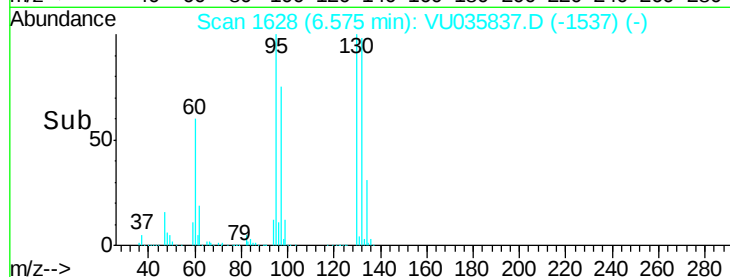
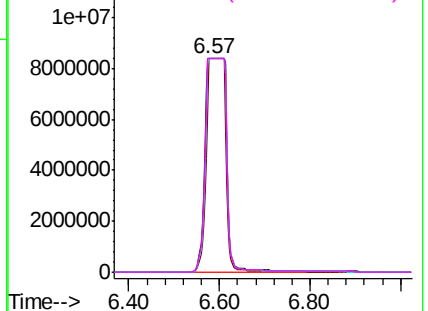


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#45

1,1,2-Trichloroethane

Concen: 0.447 ug/L

RT: 8.43 min Scan# 2206

Delta R.T. -0.00 min

Lab File: VU035837.D

Acq: 25 Nov 2019 20:56

Tgt Ion: 97 Resp: 9624

Ion Ratio Lower Upper

97 100

99 60.1 44.2 82.0

83 74.7 62.2 115.6

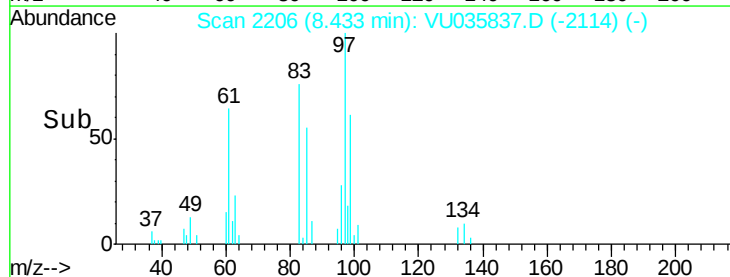
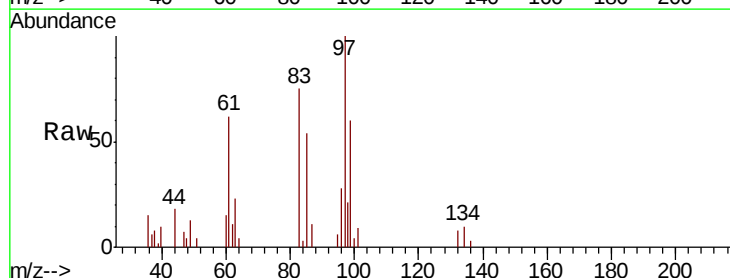
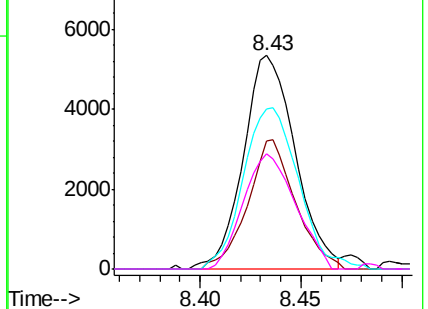
85 54.2 41.5 77.1

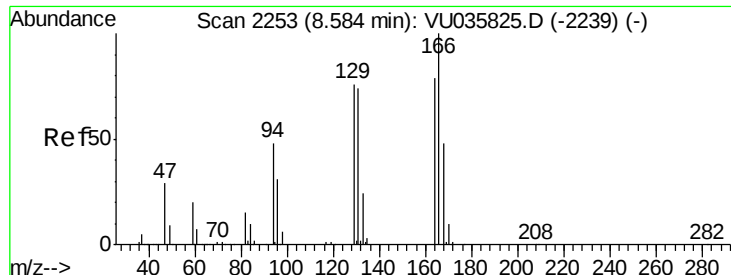
Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0





#47

Tetrachloroethene

Concen: 1.202 ug/L

RT: 8.59 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VU035837.D

Acq: 25 Nov 2019 20:56

Instrument :

MSVOA_U

ClientSampleId :

GARE9

Tot Ion:164 Resp: 26126

Ion Ratio Lower Upper

164 100

129 100.3 68.8 127.8

131 93.6 67.3 124.9

166 125.3 91.6 170.2

Manual Integrations

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