

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112519\
 Data File : VU035831.D
 Acq On : 25 Nov 2019 18:06
 Operator : JC/SP
 Sample : K5992-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GARE5

Manual Integrations
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 11/27/2019 2:41:00 PM

Quant Time: Nov 26 08:42:49 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	241024	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	271678	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	89830	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	131538	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.93	69	131961	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.60	63	226891	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	4.69	46	391940	53.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.58%
24) Chloroform-d	5.11	84	260282	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.75	65	153930	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.77	84	512682	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.74	67	185375	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.93	98	434875	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	8.21	79	63547	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.68	63	323952	59.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.62%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	148135	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	108188	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.54	50	4801	0.119	ug/L	95
12) 1,1-Dichloroethene	2.61	96	90757	3.619	ug/L	94
13) Acetone	2.66	43	7915	1.237	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	93226	3.775	ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	731858	26.595	ug/L	96
33) Benzene	5.82	78	9421	0.083	ug/L	100
34) Trichloroethene	6.57	95	31975935m	1150.044	ug/L	
45) 1,1,2-Trichloroethane	8.43	97	13738	0.656	ug/L	97
47) Tetrachloroethene	8.58	164	27139	1.283	ug/L	96

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

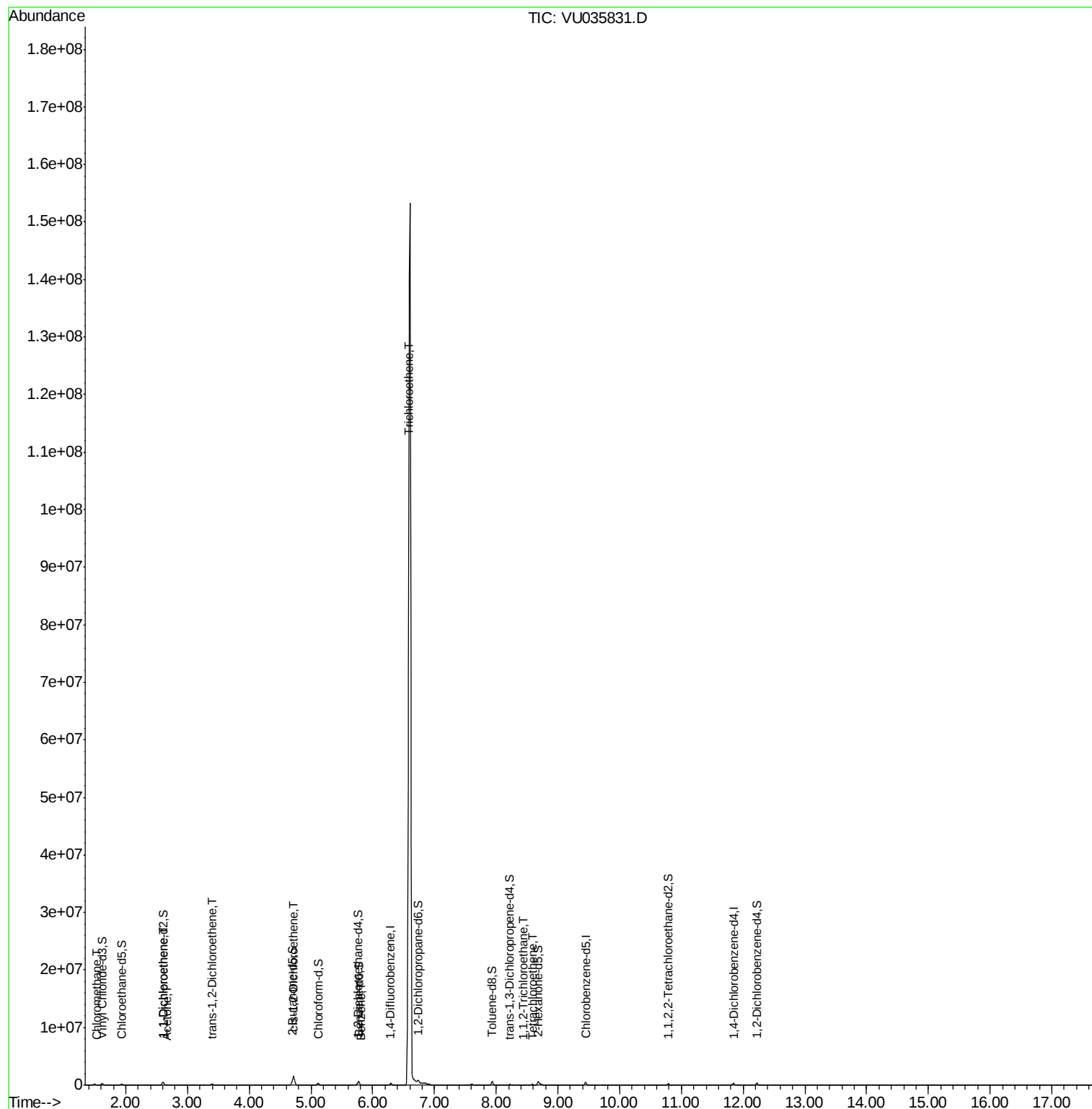
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU112519\
Data File : VU035831.D
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Operator : JC/SP
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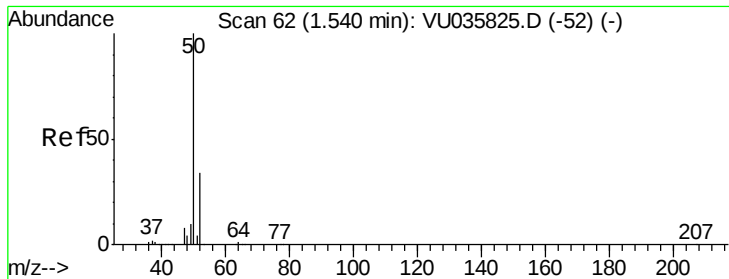
Instrument :
MSVOA_U
ClientSampleId :
GARE5

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 01:03:35 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.119 ug/L

RT: 1.54 min Scan# 63

Delta R.T. 0.00 min

Lab File: VU035831.D

Acq: 25 Nov 2019 18:06

Instrument :

MSVOA_U

ClientSampleId :

GARE5

Tot Ion: 50 Resp: 4801

Ion Ratio Lower Upper

50 100

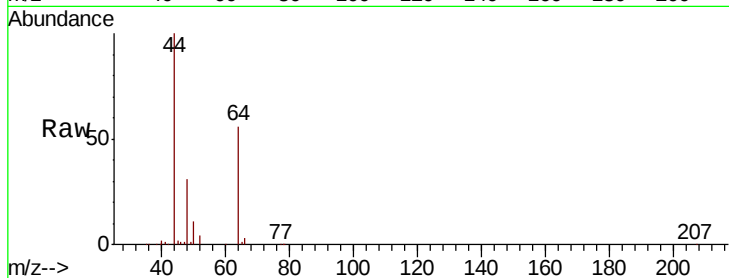
52 35.4 22.7 42.3

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Abundance Ion 50.05 (49.75 to 50.75): VU035825.D (-52) (-)

Ion 52.05 (51.75 to 52.75): VU035825.D (-52) (-)

1.54

4000

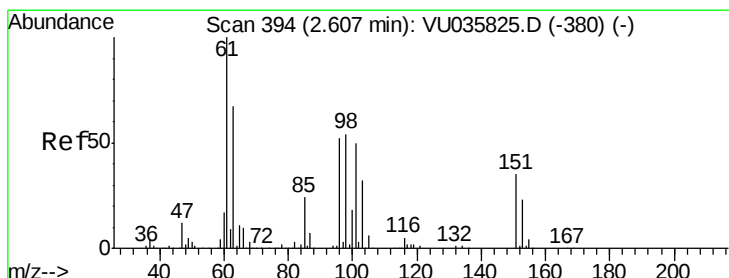
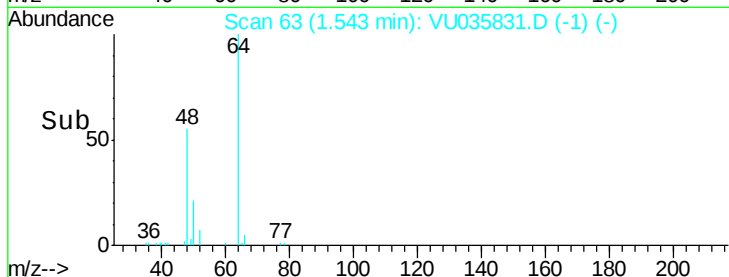
3000

2000

1000

0

Time-->



#12

1,1-Dichloroethene

Concen: 3.619 ug/L

RT: 2.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: VU035831.D

Acq: 25 Nov 2019 18:06

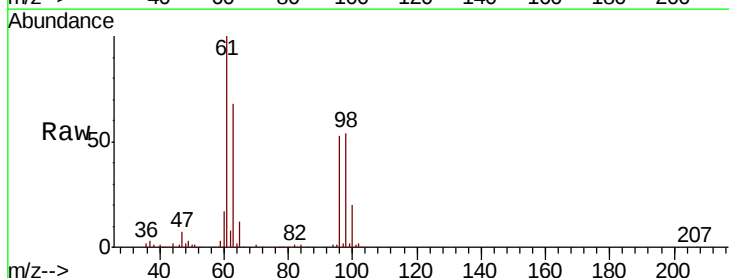
Tgt Ion: 96 Resp: 90757

Ion Ratio Lower Upper

96 100

61 188.0 139.3 258.7

63 127.7 93.7 174.1



Abundance Ion 96.00 (95.70 to 96.70): VU035825.D (-380) (-)

Ion 61.05 (60.75 to 61.75): VU035825.D (-380) (-)

Ion 63.00 (62.70 to 63.70): VU035825.D (-380) (-)

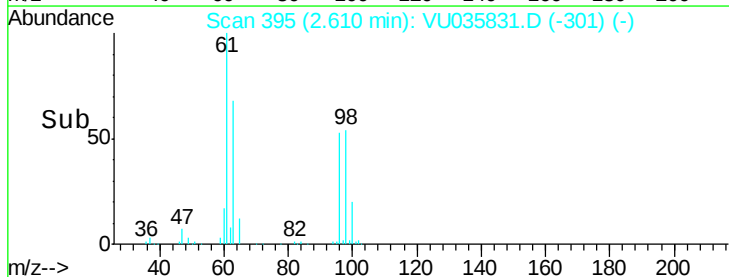
150000

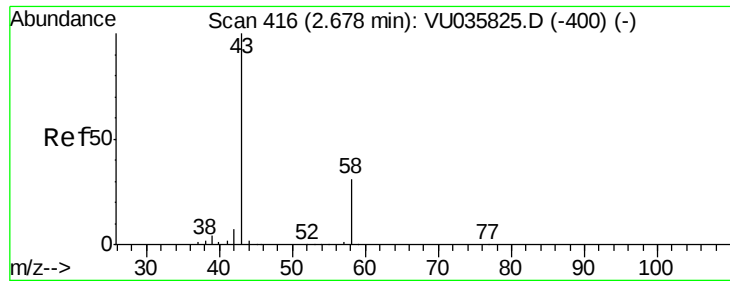
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50000

0

Time-->





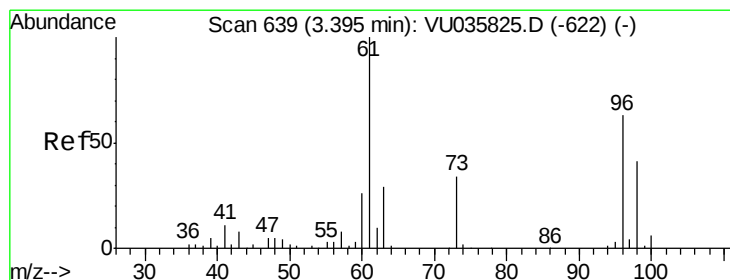
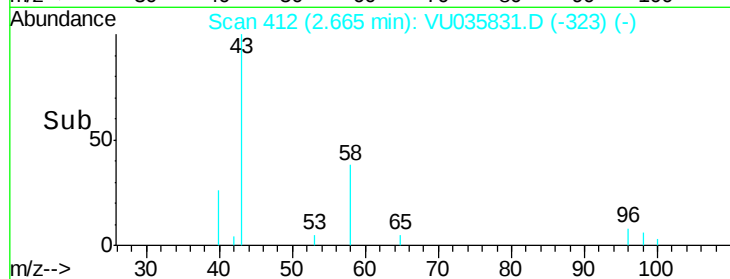
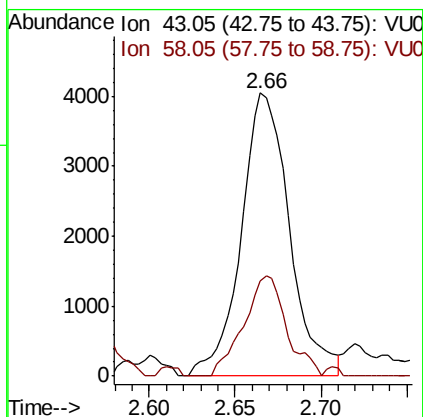
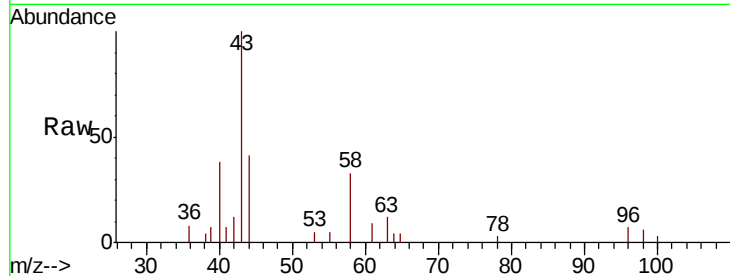
#13
Acetone
Concen: 1.237 ug/L
RT: 2.66 min Scan# 412
Delta R.T. -0.01 min
Lab File: VU035831.D
Acq: 25 Nov 2019 18:06

Instrument :
MSVOA_U
ClientSampleId :
GARE5

Tot Ion: 43 Resp: 7915
Ion Ratio Lower Upper
43 100
58 31.3 0.0 61.2

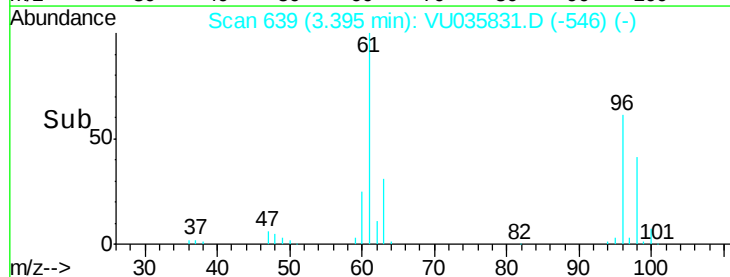
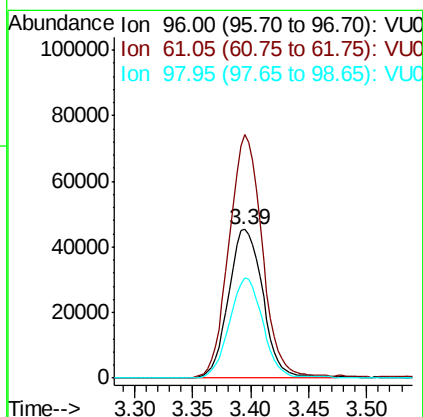
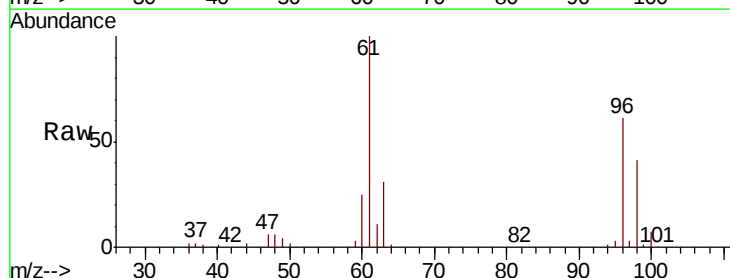
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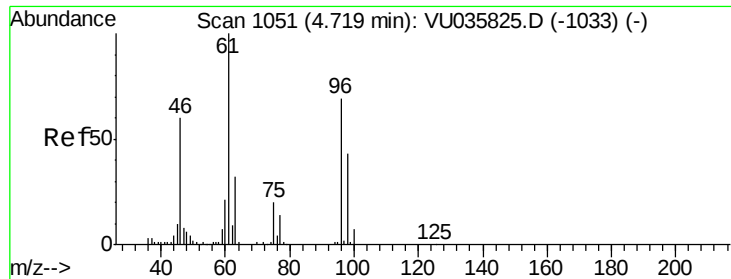
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#18
trans-1,2-Dichloroethene
Concen: 3.775 ug/L
RT: 3.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: VU035831.D
Acq: 25 Nov 2019 18:06

Tgt Ion: 96 Resp: 93226
Ion Ratio Lower Upper
96 100
61 163.7 111.1 206.3
98 67.1 43.1 80.1





#22

cis-1,2-Dichloroethene

Concen: 26.595 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VU035831.D

Acq: 25 Nov 2019 18:06

Instrument :

MSVOA_U

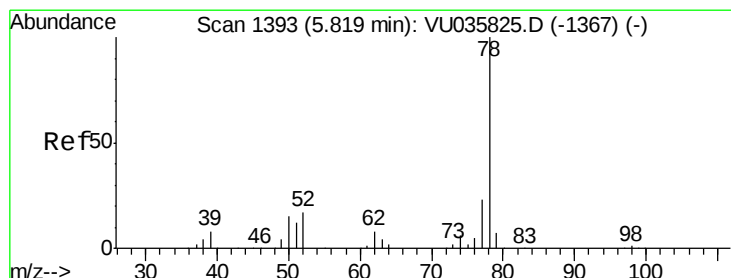
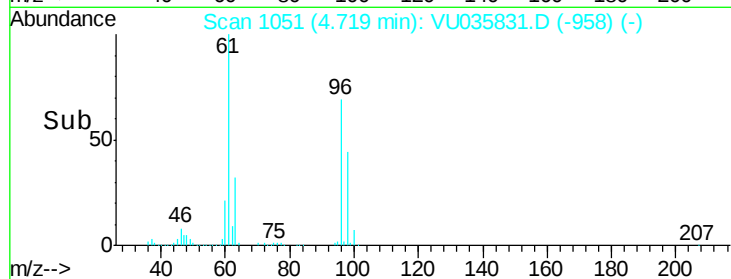
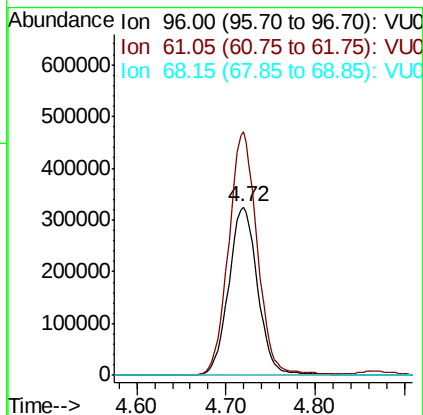
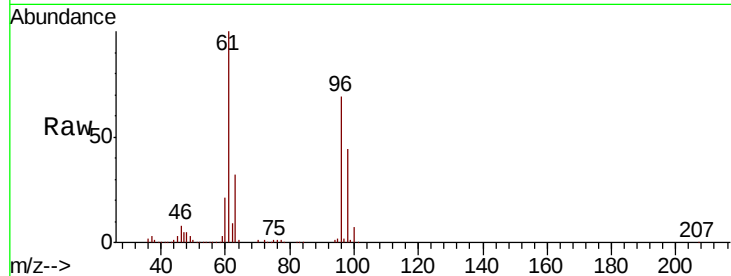
ClientSampleId :

GARE5

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.8	98.1	182.1
68	0.0	0.0	0.0

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#33

Benzene

Concen: 0.083 ug/L

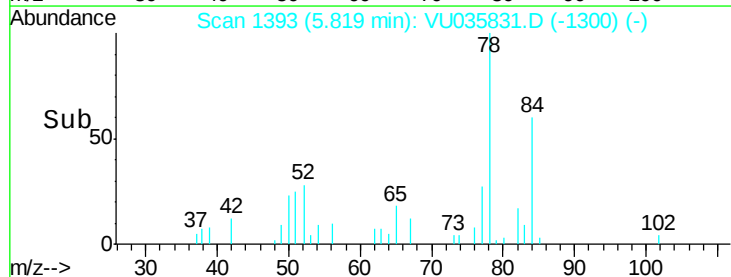
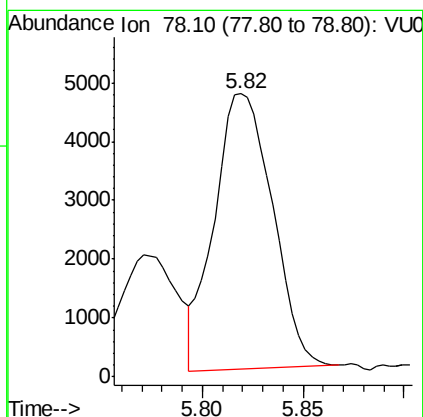
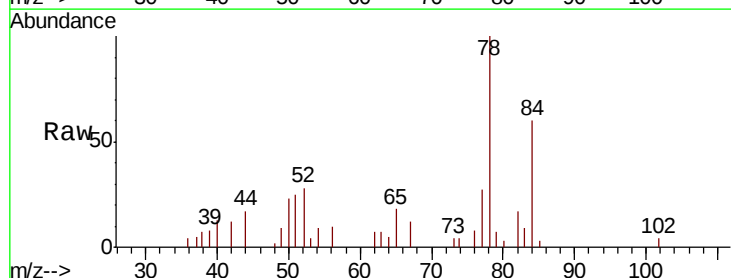
RT: 5.82 min Scan# 1393

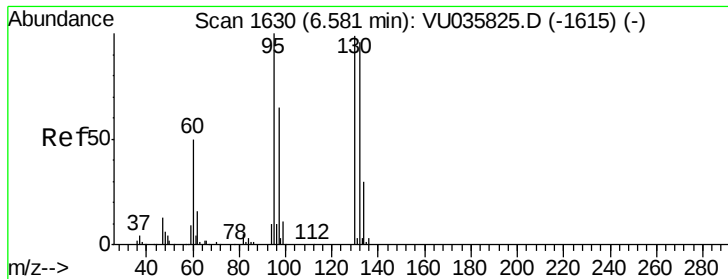
Delta R.T. -0.00 min

Lab File: VU035831.D

Acq: 25 Nov 2019 18:06

Tgt Ion: 78 Resp: 9421





#34

Trichloroethene

Concen: 1150.044 ug/L m

RT: 6.57 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VU035831.D

Acq: 25 Nov 2019 18:06

Instrument :

MSVOA_U

ClientSampleId :

GARE5

Tot Ion: 95 Resp: 31975935

Ion Ratio Lower Upper

95 100

97 75.9 45.1 83.9

132 98.9 61.9 114.9

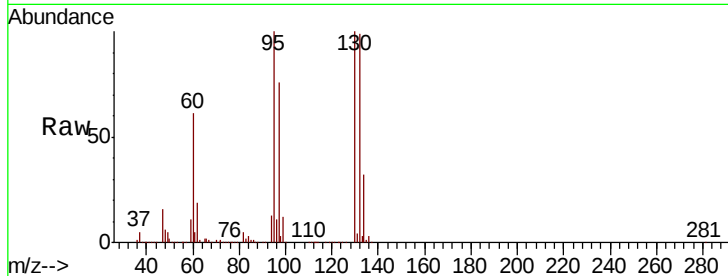
130 100.0 66.3 123.1

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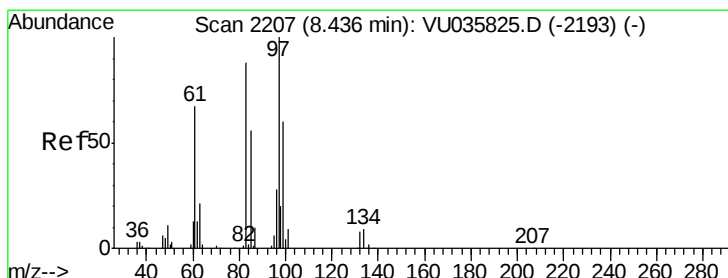
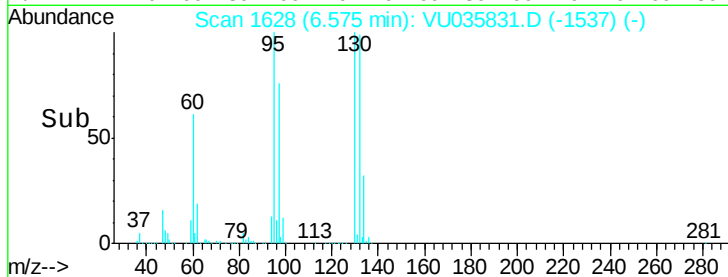
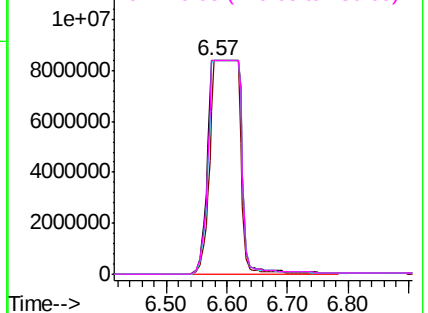
Abundance

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: 0.656 ug/L

RT: 8.43 min Scan# 2206

Delta R.T. -0.00 min

Lab File: VU035831.D

Acq: 25 Nov 2019 18:06

Tgt Ion: 97 Resp: 13738

Ion Ratio Lower Upper

97 100

99 58.7 44.2 82.0

83 90.1 62.2 115.6

85 57.5 41.5 77.1

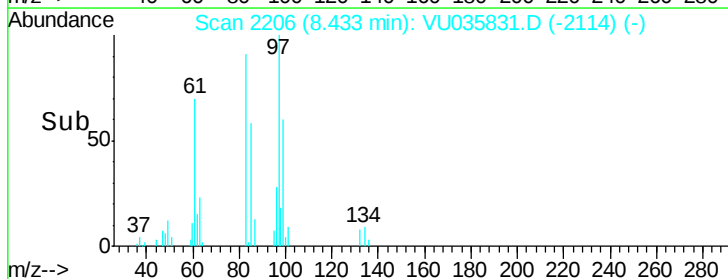
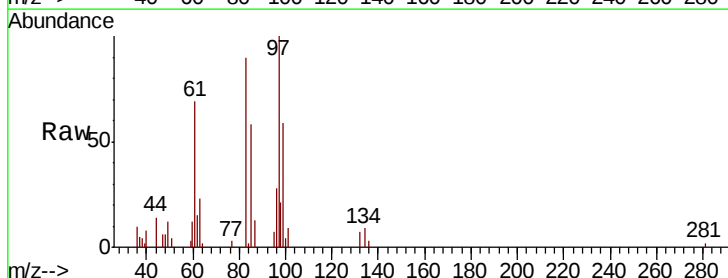
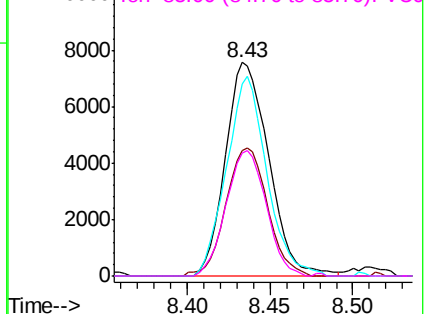
Abundance

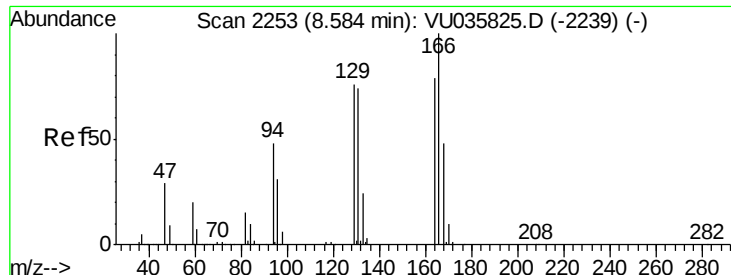
Ion 96.95 (96.65 to 97.65): VU0

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





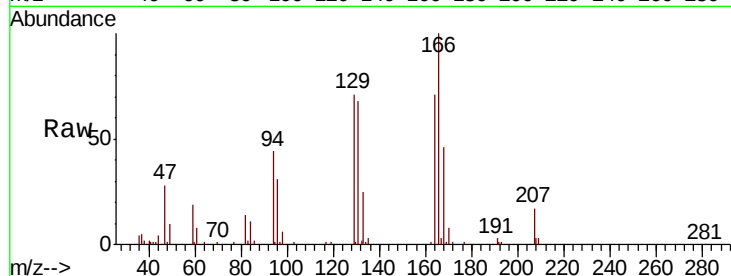
#47
 Tetrachloroethene
 Concen: 1.283 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU035831.D
 Acq: 25 Nov 2019 18:06

Instrument :
 MSVOA_U
 ClientSampleId :
 GARE5

Tot Ion:	164	Resp:	27139
Ion	Ratio	Lower	Upper
164	100		
129	99.3	68.8	127.8
131	95.6	67.3	124.9
166	140.2	91.6	170.2

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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

