

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
 Data File : VU030786.D
 Acq On : 06 Apr 2019 09:04
 Operator : JC/SP
 Sample : K2249-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE1

Manual Integrations
 APPROVED

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 4/8/2019 2:49:55 PM

Quant Time: Apr 08 02:23:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 08 01:03:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	467086	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	455067	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	191136	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	213594	51.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.46%
7) Chloroethane-d5	1.68	69	164540	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.98%
11) 1,1-Dichloroethene-d2	2.27	63	321937	42.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.38%
21) 2-Butanone-d5	4.17	46	334198	101.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.13%
24) Chloroform-d	4.64	84	307857	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
26) 1,2-Dichloroethane-d4	5.31	65	220369	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.42%
32) Benzene-d6	5.34	84	667108	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.44%
36) 1,2-Dichloropropane-d6	6.32	67	227940	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.14%
41) Toluene-d8	7.56	98	565894	48.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.12%
43) trans-1,3-Dichloropropene-	7.85	79	93850	45.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.42%
47) 2-Hexanone-d5	8.31	63	195911	94.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299641	48.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	192794	51.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.58%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	3715	0.621	ug/L	96
12) 1,1-Dichloroethene	2.28	96	54009m	16.728	ug/L	
13) Acetone	2.32	43	21932	6.486	ug/L	96
17) trans-1,2-Dichloroethene	2.98	96	30346	8.852	ug/L	96
19) 1,1-Dichloroethane	3.44	63	713259	100.817	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	1917271	506.502	ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	1154804	208.227	ug/L	100
34) Trichloroethene	6.19	95	17833	4.882	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	2127	0.595	ug/L	90
46) Tetrachloroethene	8.22	164	52149	19.638	ug/L	94

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

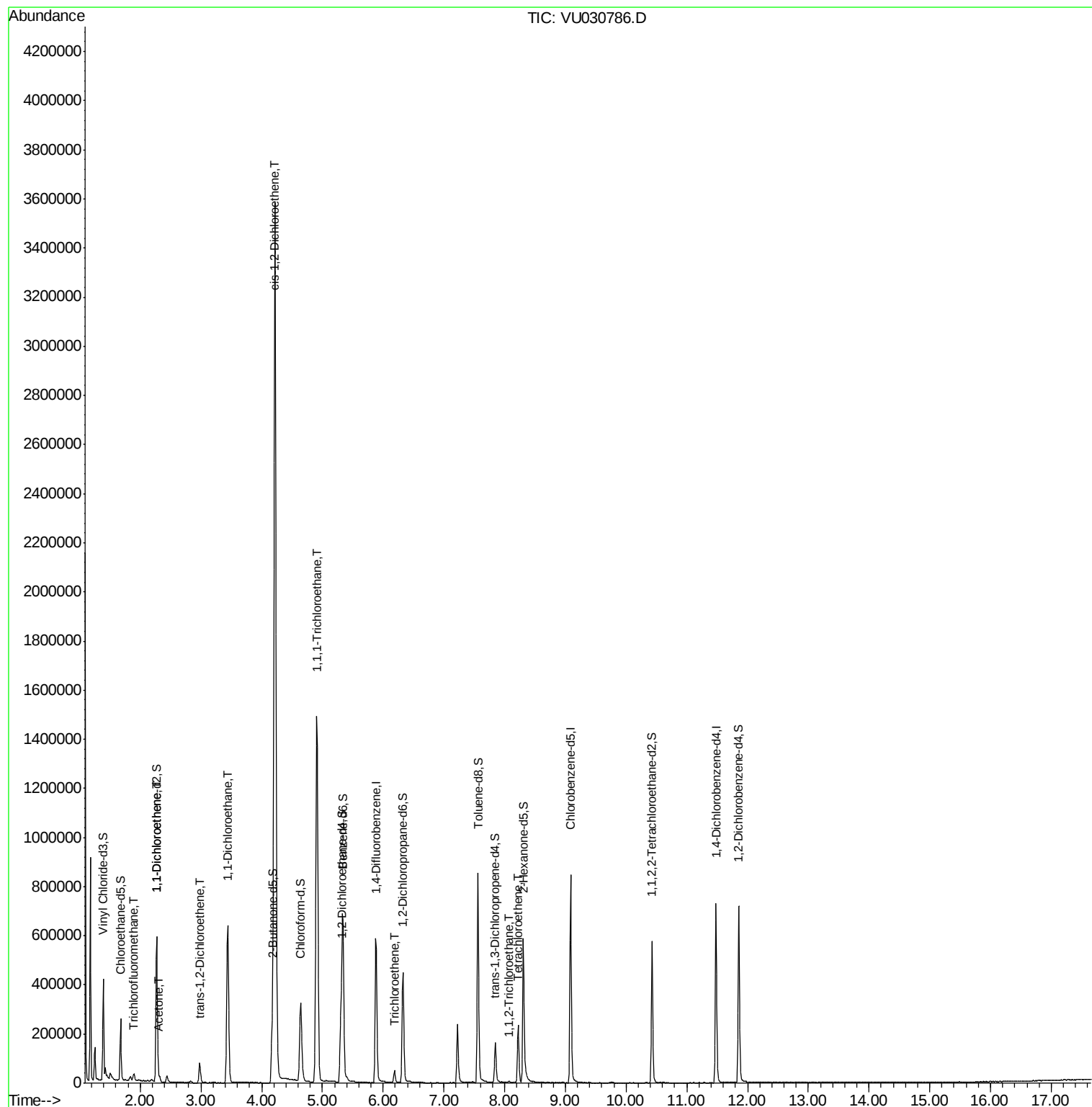
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040619\
Data File : VU030786.D
Acq On : 06 Apr 2019 09:04
Operator : JC/SP
Sample : K2249-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 43 Sample Multiplier: 1

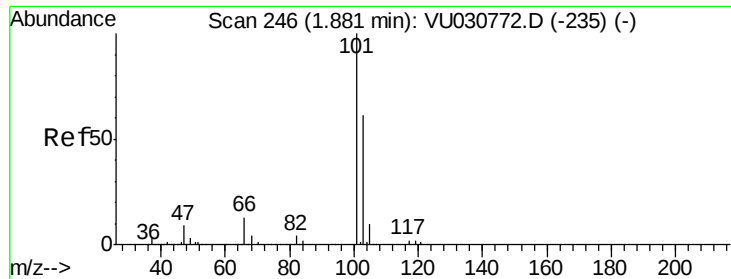
Instrument :
MSVOA_U
ClientSampleId :
E3YE1

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
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#9

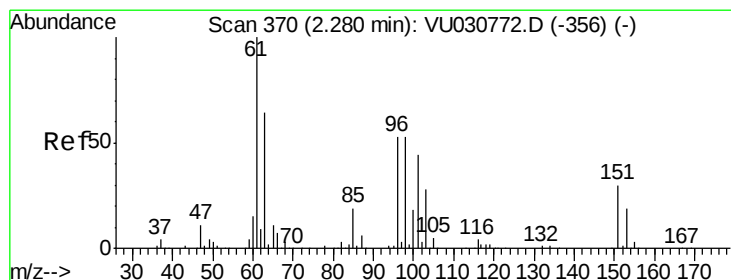
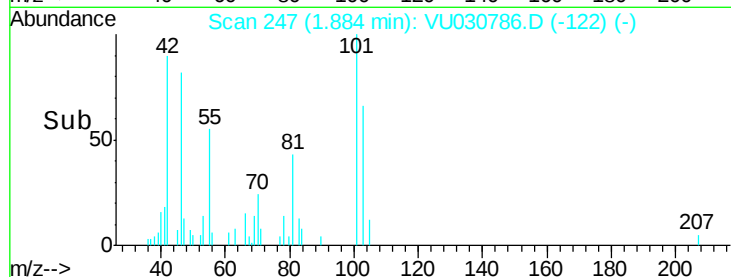
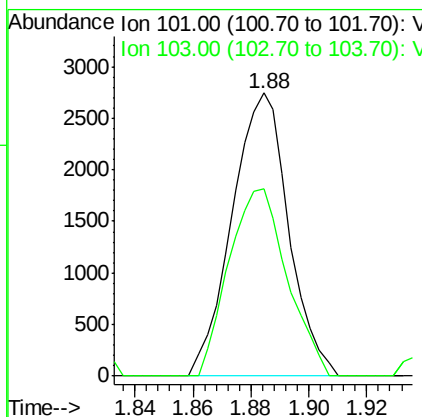
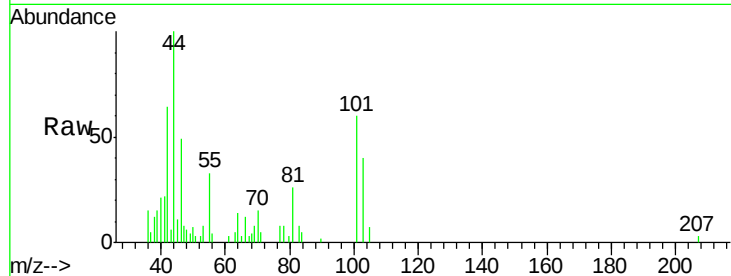
Trichlorofluoromethane
Concen: 0.621 ug/L
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU030786.D
Acq: 06 Apr 2019 09:04

Instrument :
MSVOA_U
ClientSampleId :
E3YE1

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.1	51.8	77.8

Manual Integrations
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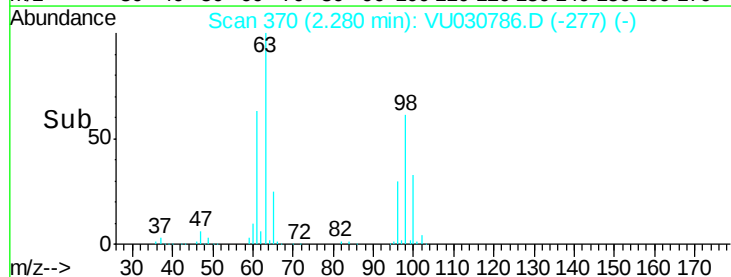
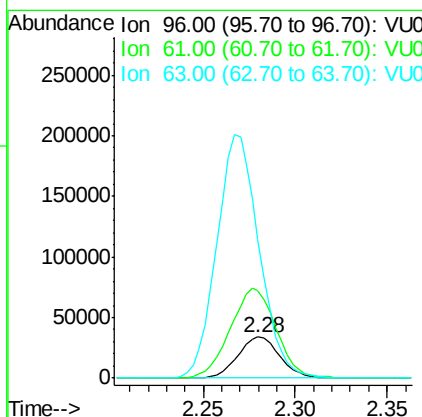
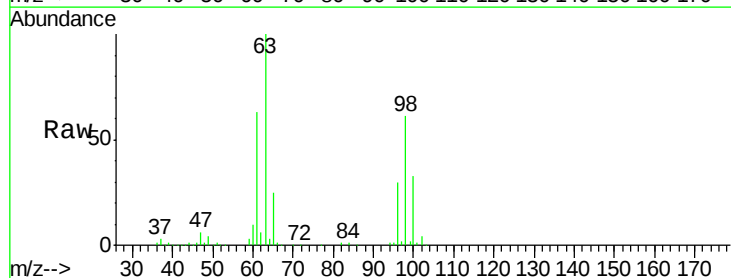
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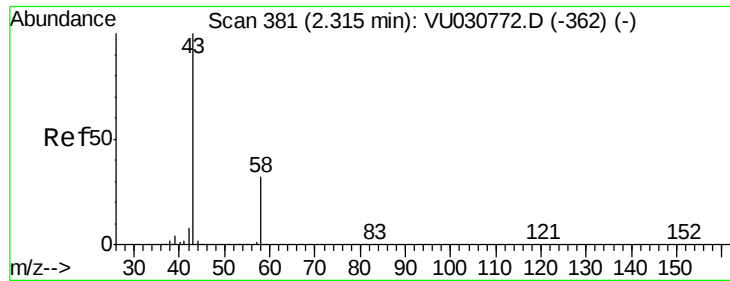


#12

1,1-Dichloroethene
Concen: 16.728 ug/L m
RT: 2.28 min Scan# 370
Delta R.T. 0.00 min
Lab File: VU030786.D
Acq: 06 Apr 2019 09:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	212.9	132.0	245.2
63	336.2	90.9	168.9#





#13

Acetone

Concen: 6.486 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU030786.D

Acq: 06 Apr 2019 09:04

Instrument :

MSVOA_U

ClientSampled :

E3YE1

Tot Ion: 43 Resp: 21932

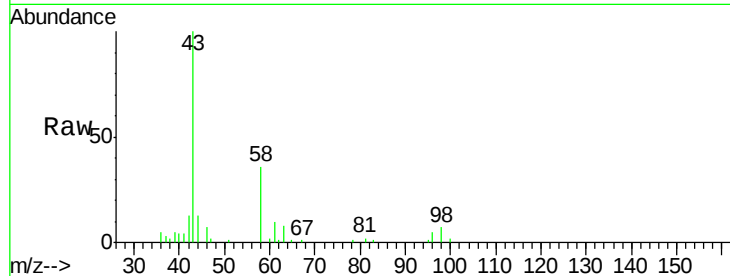
Ion Ratio Lower Upper

43 100

58 29.9 0.0 64.0

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Abundance Ion 43.00 (42.70 to 43.70): VU030786.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU030786.D (-288) (-)

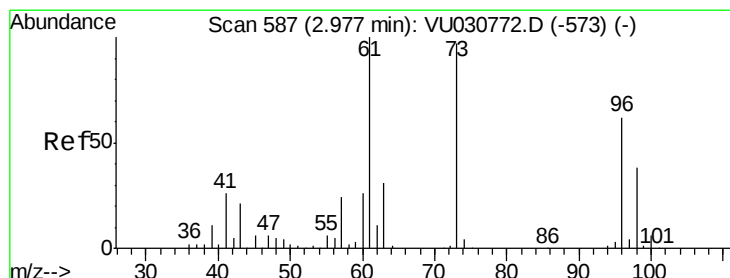
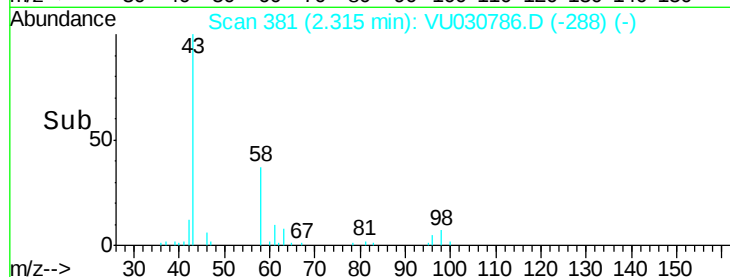
2.32

10000

5000

0

Time-->



#17

trans-1,2-Dichloroethene

Concen: 8.852 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU030786.D

Acq: 06 Apr 2019 09:04

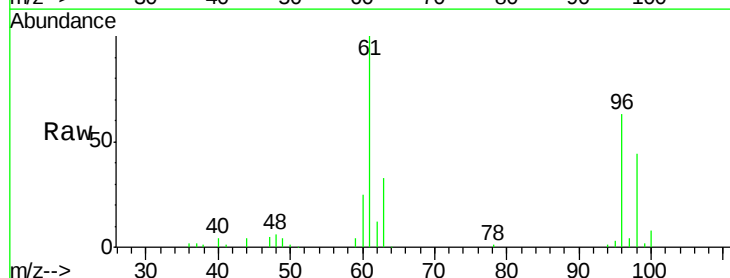
Tgt Ion: 96 Resp: 30346

Ion Ratio Lower Upper

96 100

61 159.0 109.5 203.3

98 70.0 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VU030786.D (-494) (-)

Ion 61.00 (60.70 to 61.70): VU030786.D (-494) (-)

Ion 98.00 (97.70 to 98.70): VU030786.D (-494) (-)

2.98

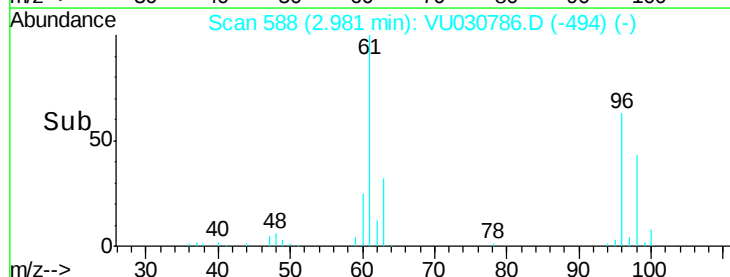
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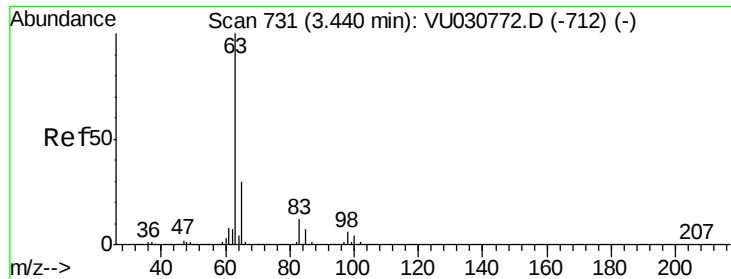
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Time-->





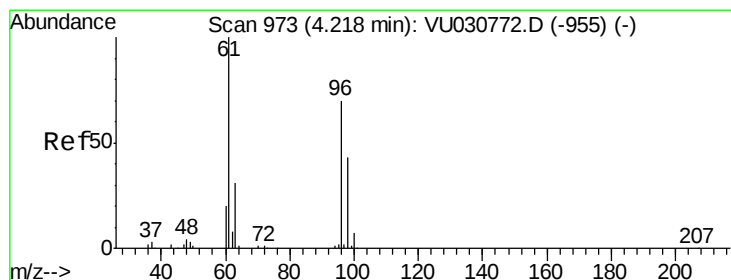
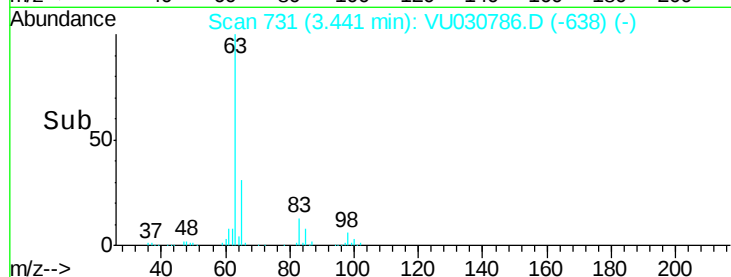
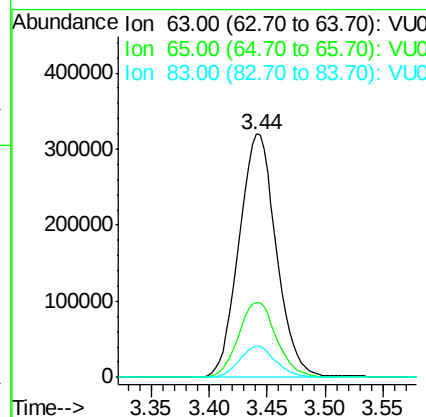
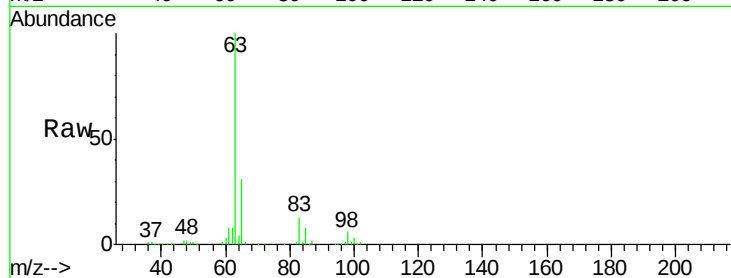
#19
 1,1-Dichloroethane
 Concen: 100.817 ug/L
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU030786.D
 Acq: 06 Apr 2019 09:04

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE1

Tot Ion	63	Resp	713259
Ion	Ratio	Lower	Upper
63	100		
65	30.6	21.4	39.8
83	13.0	8.5	15.7

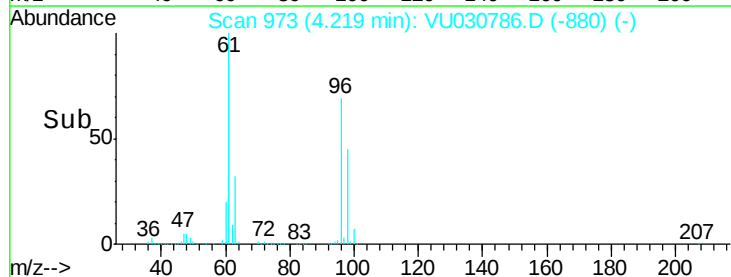
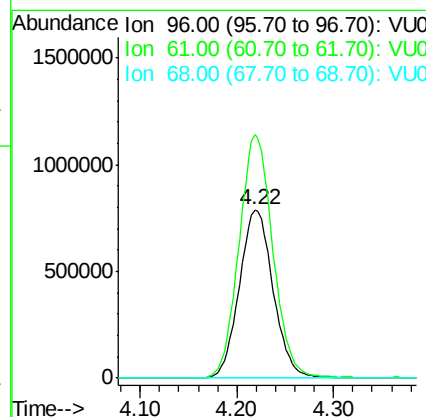
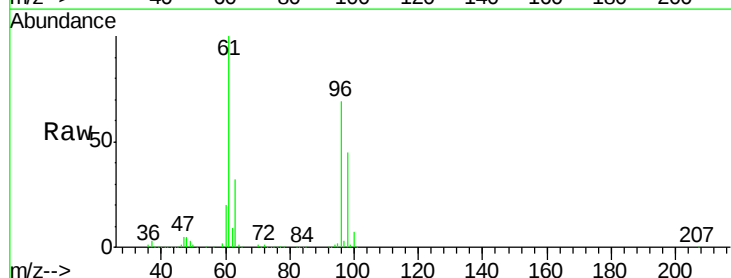
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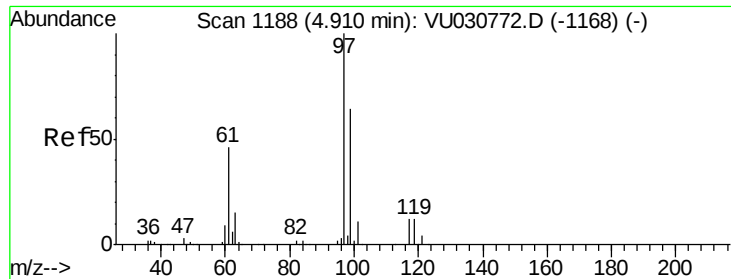
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#20
 cis-1,2-Dichloroethene
 Concen: 506.502 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU030786.D
 Acq: 06 Apr 2019 09:04

Tgt Ion	96	Resp	1917271
Ion	Ratio	Lower	Upper
96	100		
61	144.7	102.9	191.1
68	0.0	0.0	0.0





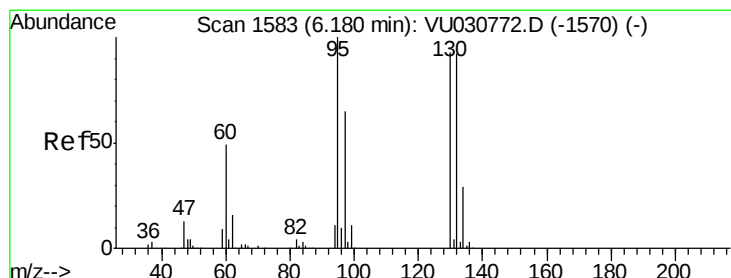
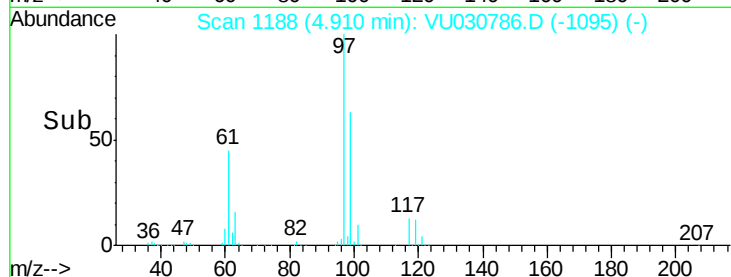
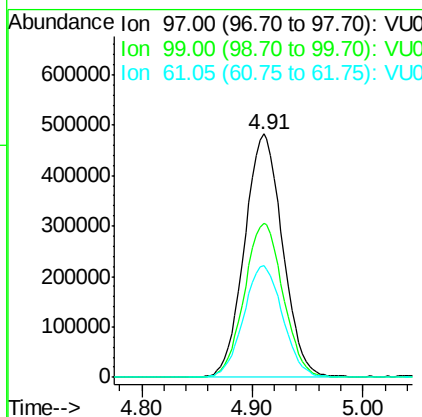
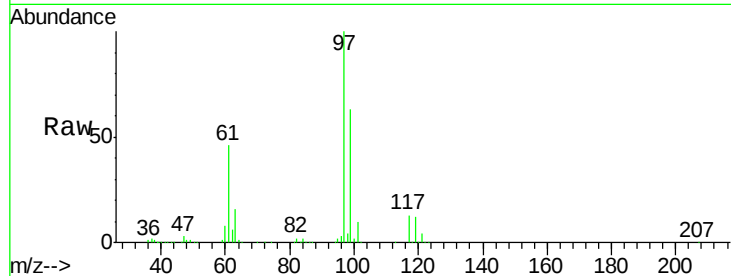
#30
 1,1,1-Trichloroethane
 Concen: 208.227 ug/L
 RT: 4.91 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: VU030786.D
 Acq: 06 Apr 2019 09:04

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE1

Tot Ion	97	Resp	1154804
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	46.8	37.1	55.7

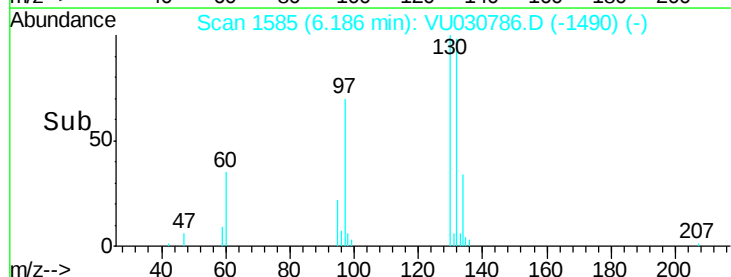
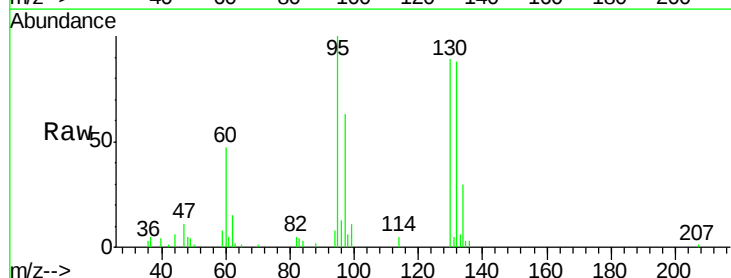
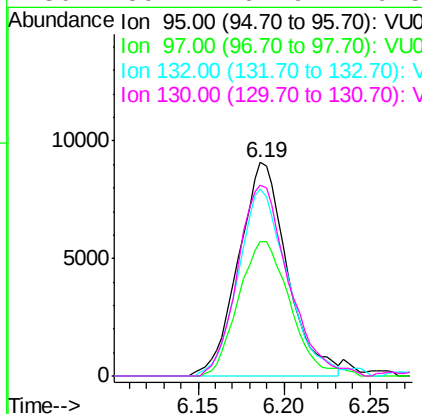
Manual Integrations
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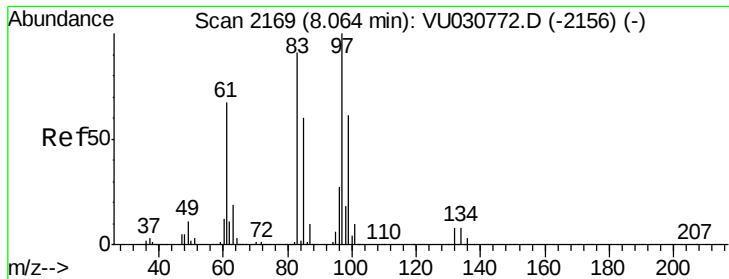
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#34
 Trichloroethene
 Concen: 4.882 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VU030786.D
 Acq: 06 Apr 2019 09:04

Tgt Ion	95	Resp	17833
Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.5	82.7
132	87.5	61.5	114.1
130	89.4	64.9	120.5





#45

1,1,2-Trichloroethane

Concen: 0.595 ug/L

RT: 8.07 min Scan# 2171

Delta R.T. 0.01 min

Lab File: VU030786.D

Acq: 06 Apr 2019 09:04

Instrument :

MSVOA_U

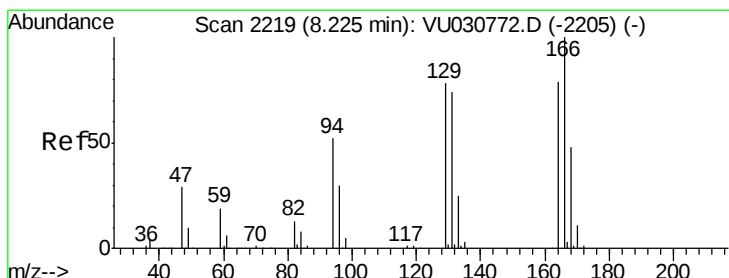
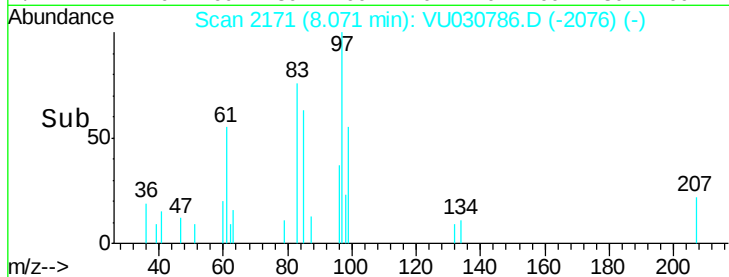
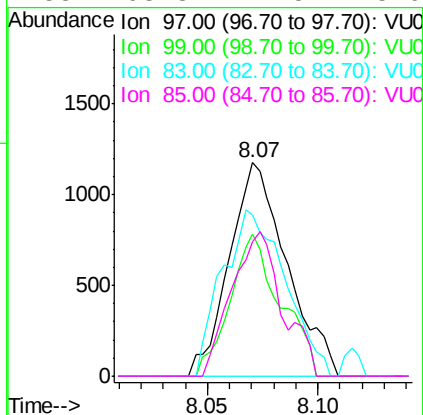
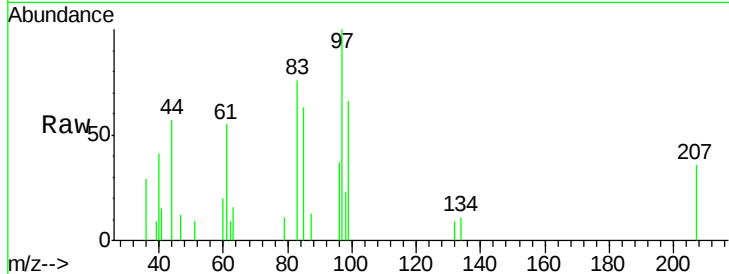
ClientSampleId :

E3YE1

Tot Ion:	97	Resp:	2127
Ion	Ratio	Lower	Upper
97	100		
99	66.3	44.0	81.8
83	75.7	65.3	121.3
85	63.3	42.5	78.9

Manual Integrations
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#46

Tetrachloroethene

Concen: 19.638 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030786.D

Acq: 06 Apr 2019 09:04

Tgt Ion:	164	Resp:	52149
Ion	Ratio	Lower	Upper
164	100		
129	89.6	67.4	125.2
131	91.6	65.9	122.5
166	118.0	88.6	164.6

