

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042419\
 Data File : VU031488.D
 Acq On : 24 Apr 2019 22:22
 Operator : JC/SP
 Sample : K2536-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X93

Manual Integrations
 APPROVED

MMDadoda
 4/25/2019 10:57:24 AM

Quant Time: Apr 25 07:21:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 06:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	296097	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	299116	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	113653	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	125810	5.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	1.68	69	100144	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.80%
11) 1,1-Dichloroethene-d2	2.27	63	184204	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.60%
20) 2-Butanone-d5	4.21	46	360214	56.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.36%
24) Chloroform-d	4.64	84	216365	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.20%
26) 1,2-Dichloroethane-d4	5.31	65	120213	6.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.20%
32) Benzene-d6	5.33	84	416652	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.33	67	152057	5.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.20%
41) Toluene-d8	7.56	98	351827	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.85	79	50589	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.31	63	260793	51.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	112878	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	111095	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	866395	24.348	ug/L	99
13) Acetone	2.35	43	10450	2.314	ug/L	91
16) Methylene chloride	2.70	84	3722	0.160	ug/L	82
18) trans-1,2-Dichloroethene	2.97	96	5604	0.259	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	144061	6.426	ug/L	95
31) Carbon tetrachloride	5.13	117	17885	0.608	ug/L	93
34) Trichloroethene	6.17	95	27450025m	1126.865	ug/L	
47) Tetrachloroethene	8.22	164	534968	31.430	ug/L	98

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

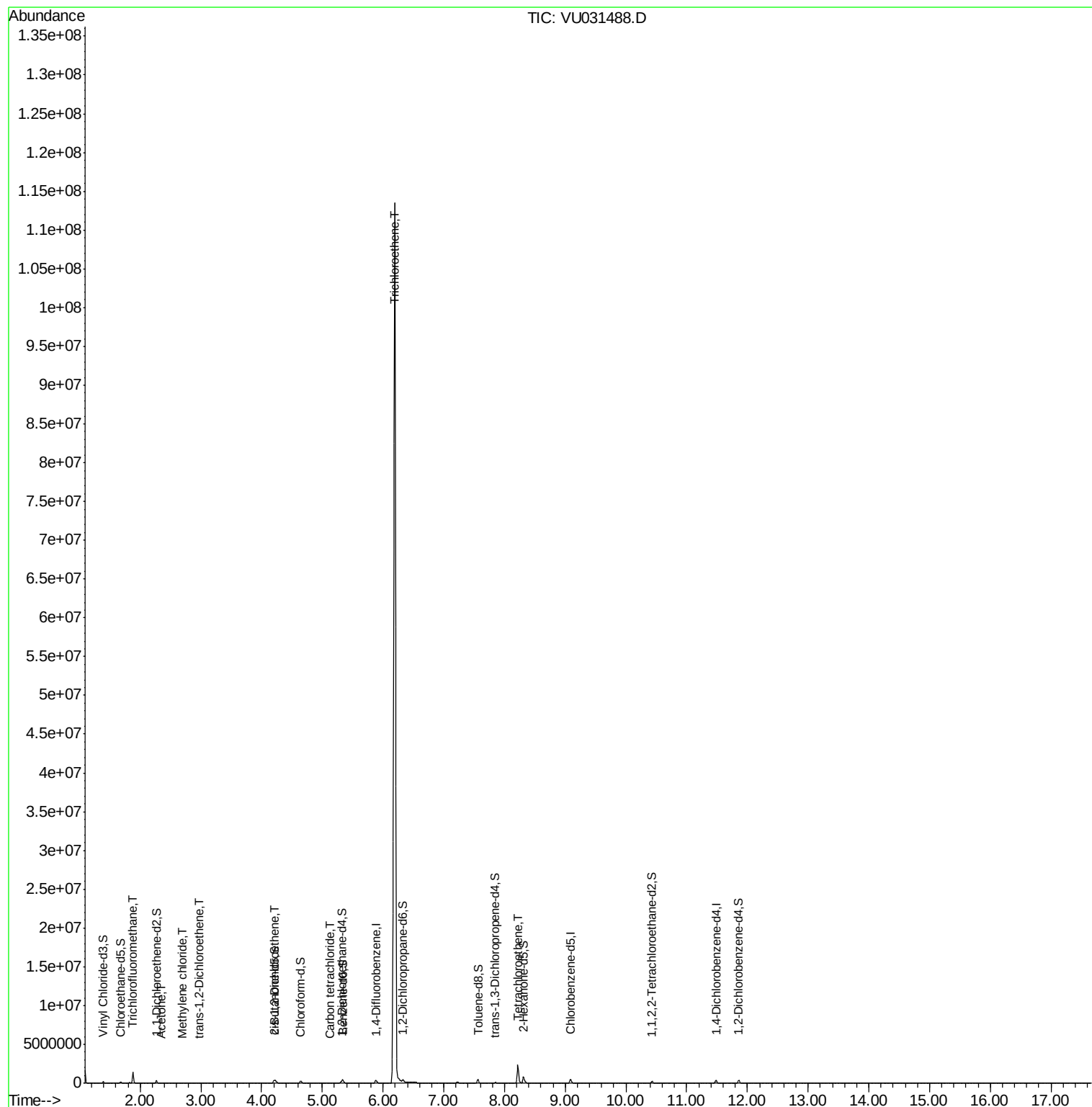
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042419\
Data File : VU031488.D
Acq On : 24 Apr 2019 22:22
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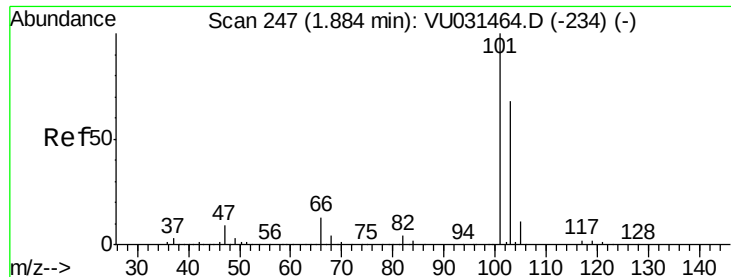
Instrument :
MSVOA_U
ClientSampleId :
C0X93

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Quant Time: Apr 25 07:21:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 06:05:25 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 24.348 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

Lab File: VU031488.D

Acq: 24 Apr 2019 22:22

Instrument :

MSVOA_U

ClientSampleId :

C0X93

Tot Ion:101 Resp: 866395

Ion Ratio Lower Upper

101 100

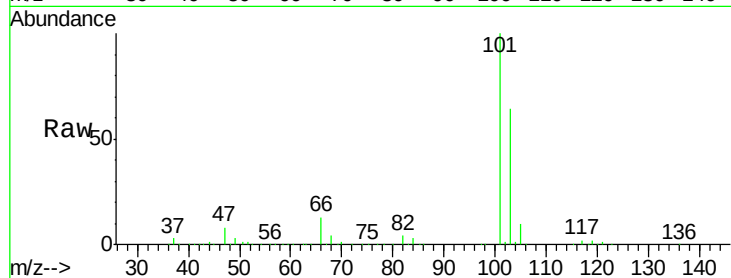
103 64.7 52.7 79.1

Manual Integrations

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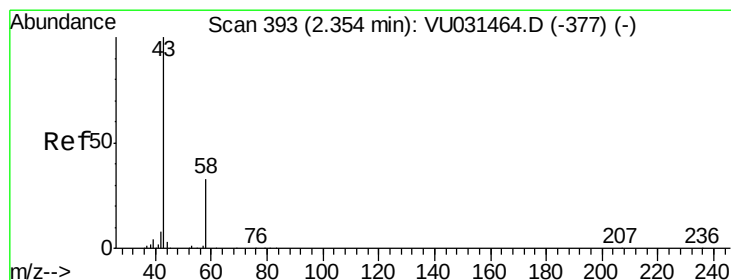
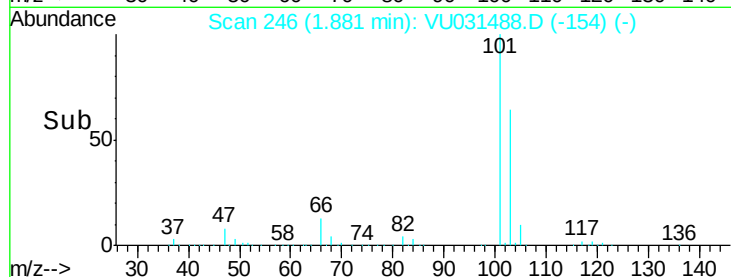
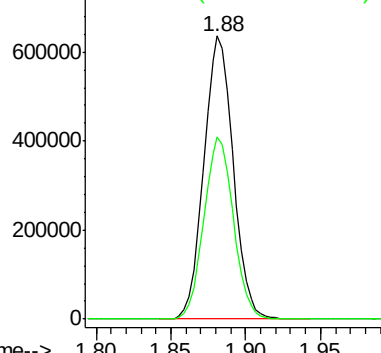
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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 2.314 ug/L

RT: 2.35 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU031488.D

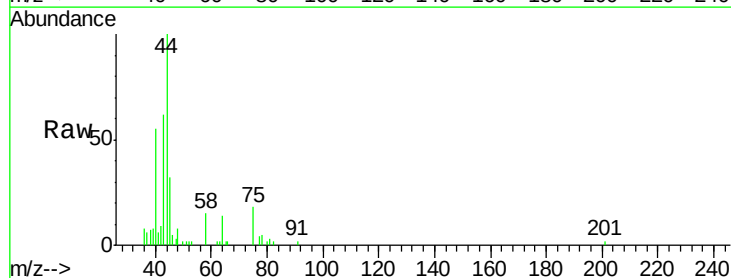
Acq: 24 Apr 2019 22:22

Tgt Ion: 43 Resp: 10450

Ion Ratio Lower Upper

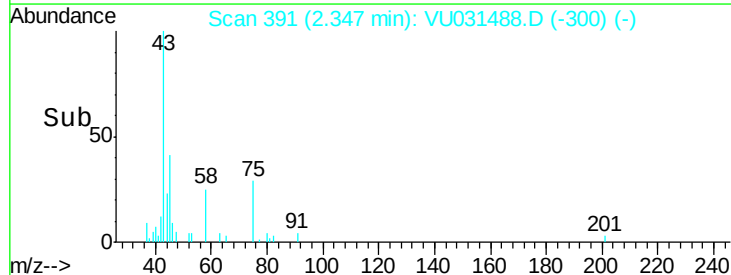
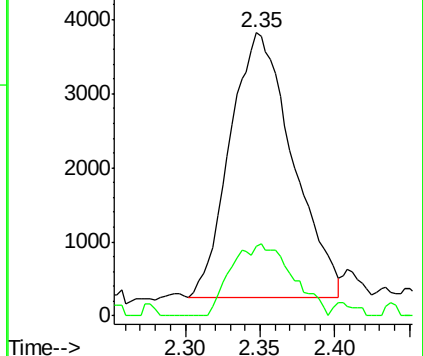
43 100

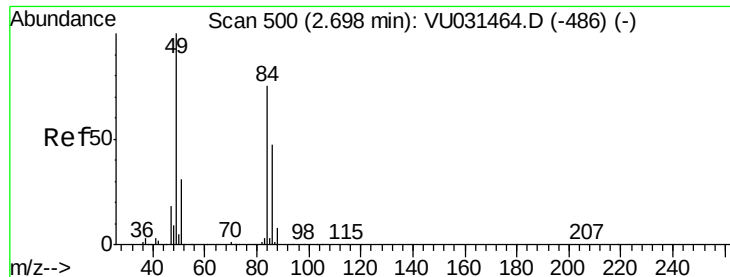
58 26.4 0.0 62.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





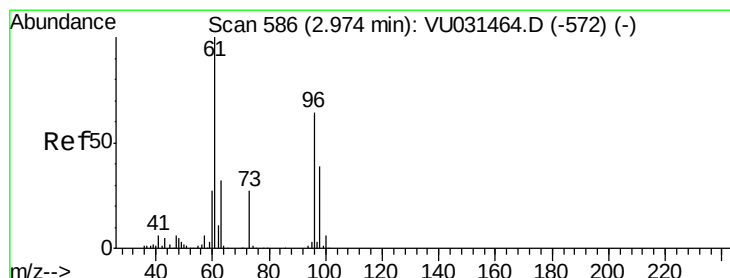
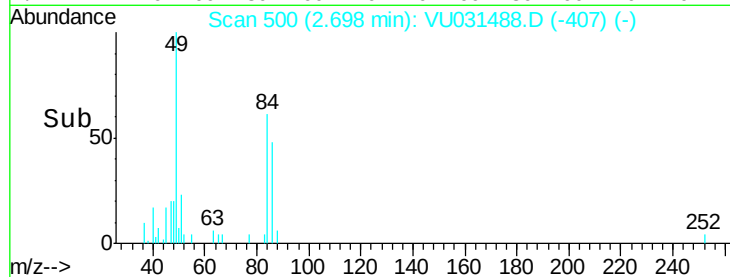
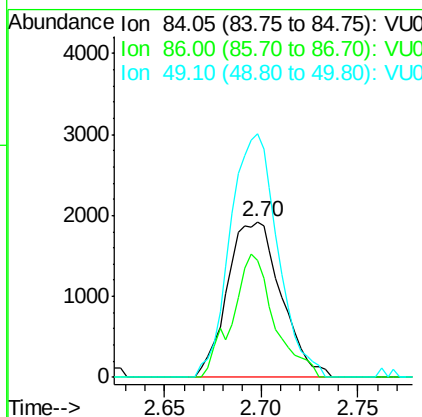
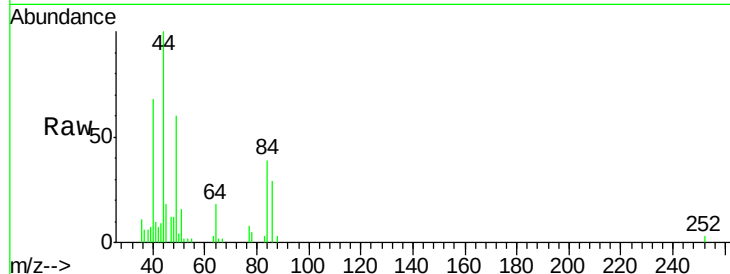
#16
Methylene chloride
Concen: 0.160 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU031488.D
Acq: 24 Apr 2019 22:22

Instrument :
MSVOA_U
ClientSampled :
C0X93

Tot Ion	Ratio	Lower	Upper
84	100		
86	75.4	44.9	83.5
49	156.5	92.9	172.5

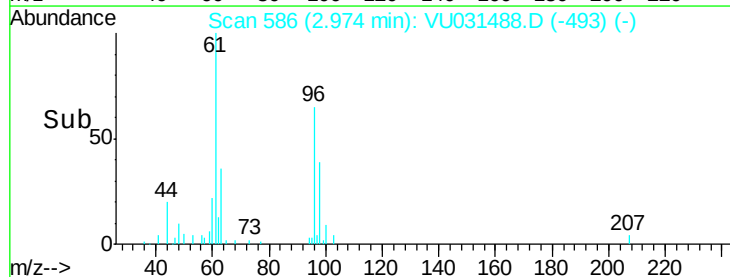
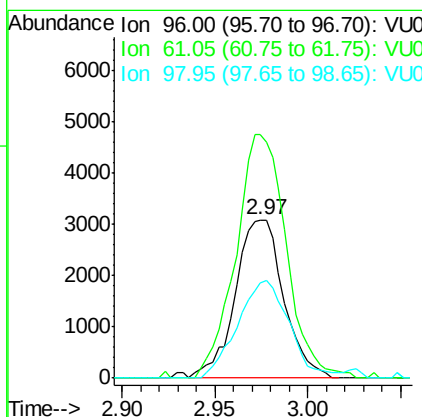
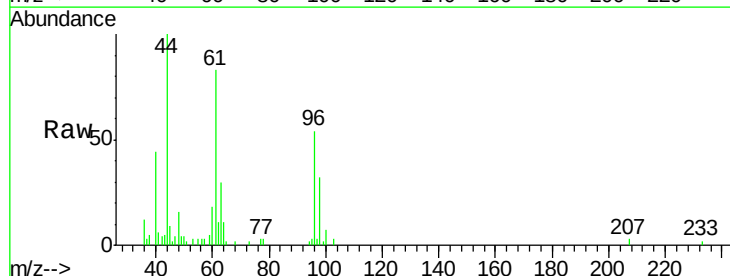
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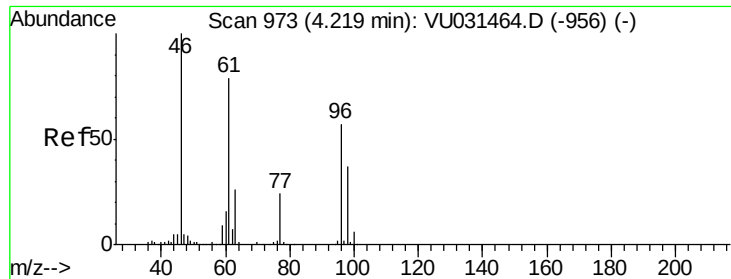
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#18
trans-1,2-Dichloroethene
Concen: 0.259 ug/L
RT: 2.97 min Scan# 586
Delta R.T. 0.00 min
Lab File: VU031488.D
Acq: 24 Apr 2019 22:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.7	108.4	201.2
98	60.3	45.1	83.9





#22

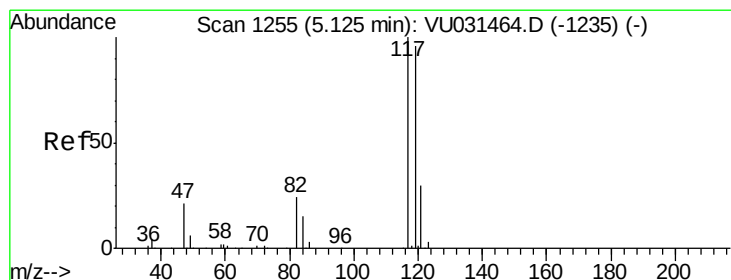
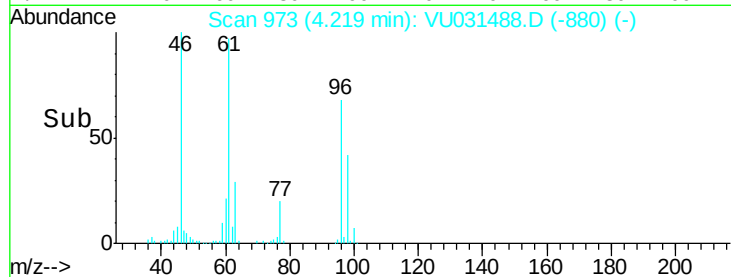
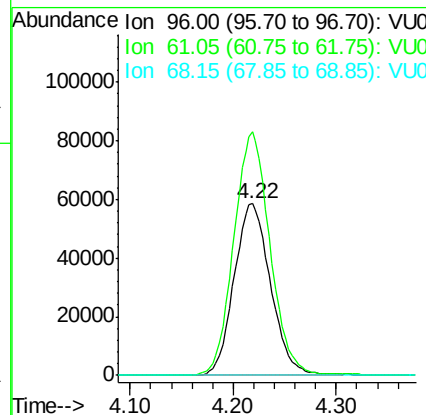
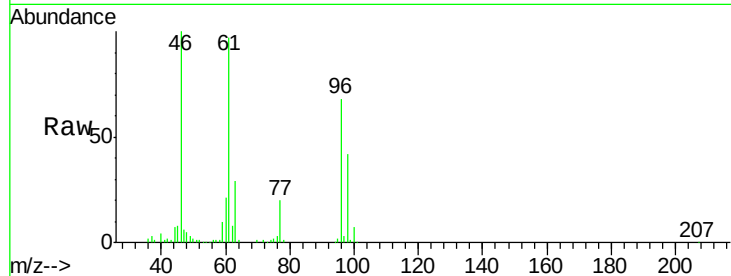
cis-1,2-Dichloroethene
Concen: 6.426 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU031488.D
Acq: 24 Apr 2019 22:22

Instrument :
MSVOA_U
ClientSampleId :
C0X93

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		144061		
61	141.7		94.8	176.2	
68	0.0		0.0	0.0	

Manual Integrations
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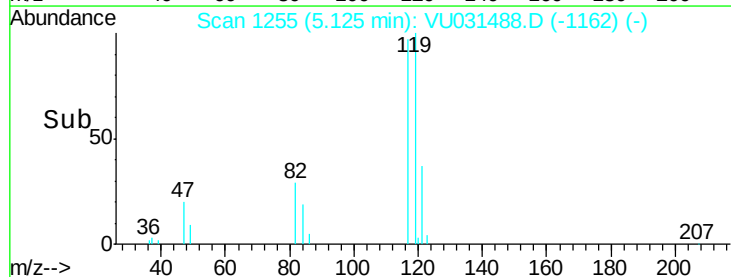
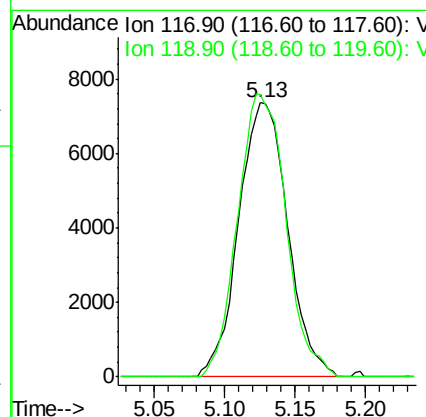
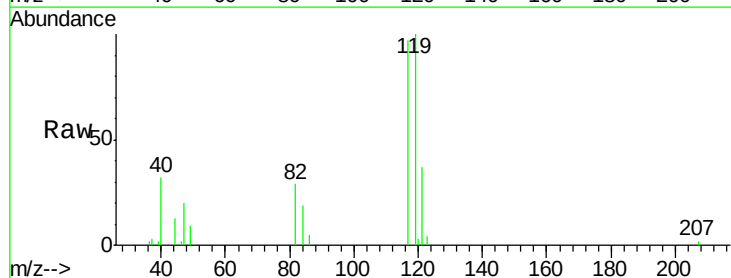
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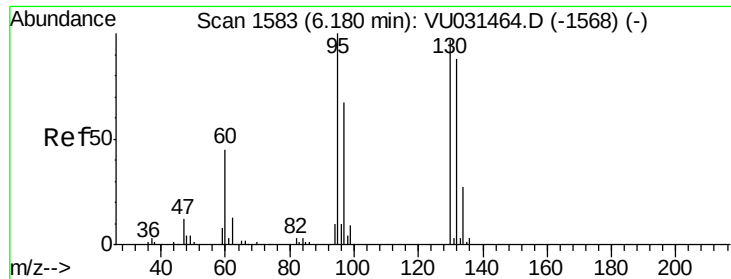


#31

Carbon tetrachloride
Concen: 0.608 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VU031488.D
Acq: 24 Apr 2019 22:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		17885		
119	101.7		76.0	114.0	





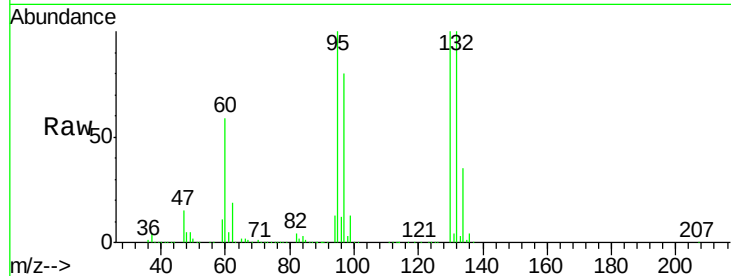
#34
 Trichloroethene
 Concen: 1126.865 ug/L m
 RT: 6.17 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: VU031488.D
 Acq: 24 Apr 2019 22:22

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X93

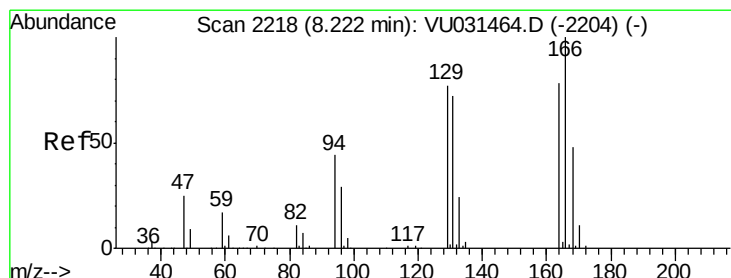
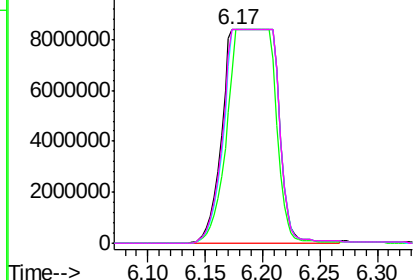
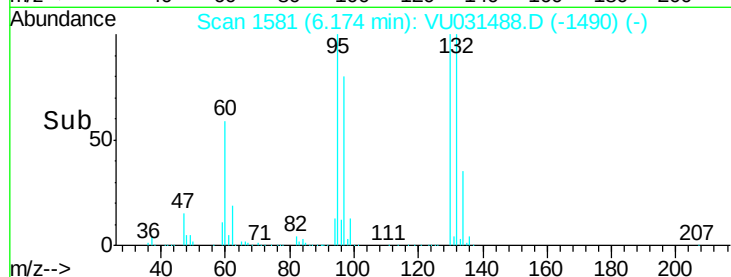
Tot Ion: 95 Resp: 27450025
 Ion Ratio Lower Upper
 95 100
 97 80.0 44.3 82.3
 132 100.0 59.9 111.3
 130 100.0 67.1 124.5

Manual Integrations
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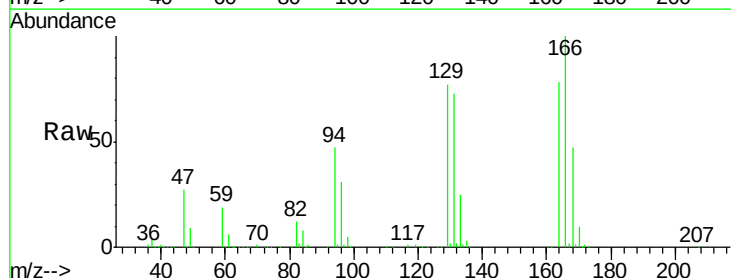


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#47
 Tetrachloroethene
 Concen: 31.430 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU031488.D
 Acq: 24 Apr 2019 22:22

Tgt Ion: 164 Resp: 534968
 Ion Ratio Lower Upper
 164 100
 129 98.7 67.5 125.3
 131 93.5 64.0 119.0
 166 128.0 88.5 164.4



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

