

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042319\
 Data File : VU031417.D
 Acq On : 23 Apr 2019 02:21
 Operator : JC/SP
 Sample : K2478-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XG1

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 11:35:47 AM

Quant Time: May 01 07:30:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 04:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	685932	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	641319	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	271380	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	279800	50.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.68%
7) Chloroethane-d5	1.68	69	222923	52.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.36%
11) 1,1-Dichloroethene-d2	2.27	63	390606	40.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.80%
21) 2-Butanone-d5	4.19	46	451549	108.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.67%
24) Chloroform-d	4.64	84	433835	48.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.96%
26) 1,2-Dichloroethane-d4	5.31	65	275807	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.98%
32) Benzene-d6	5.34	84	965677	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.24%
36) 1,2-Dichloropropane-d6	6.33	67	298281	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.06%
41) Toluene-d8	7.56	98	852693	51.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.06%
43) trans-1,3-Dichloropropene-	7.85	79	135664	49.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.88%
47) 2-Hexanone-d5	8.31	63	330003	110.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	433912	53.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.30%
64) 1,2-Dichlorobenzene-d4	11.85	152	298264	53.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.54%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.88	101	514413	70.252 ug/L	100
13) Acetone	2.36	43	7299	2.237 ug/L	92
17) trans-1,2-Dichloroethene	2.98	96	4860	1.128 ug/L	78
20) cis-1,2-Dichloroethene	4.22	96	51432	10.518 ug/L	91
31) Carbon tetrachloride	5.13	117	8254	1.410 ug/L	88
34) Trichloroethene	6.17	95	24715712m	5028.390 ug/L	
45) 1,1,2-Trichloroethane	8.07	97	7420	1.634 ug/L	88
46) Tetrachloroethene	8.22	164	1291832	370.576 ug/L	99

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

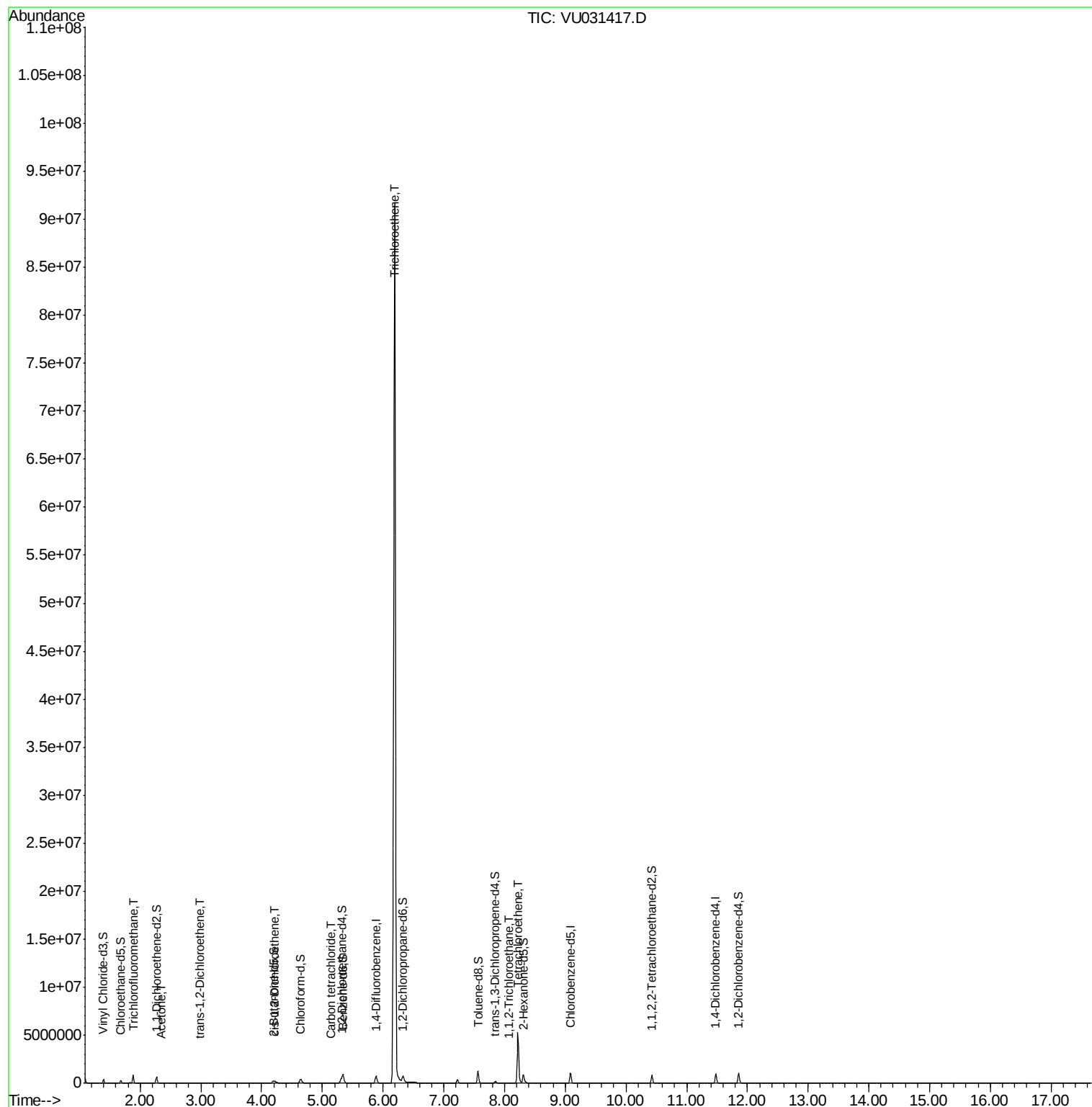
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042319\
Data File : VU031417.D
Acq On : 23 Apr 2019 02:21
Operator : JC/SP
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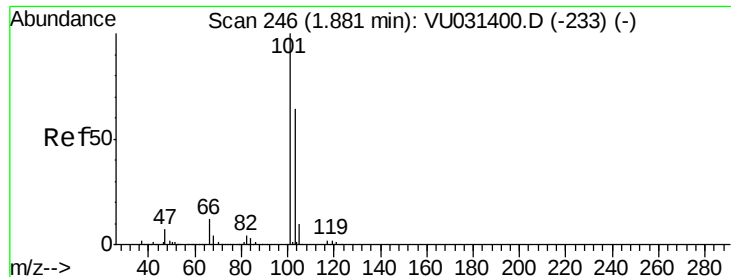
Instrument :
MSVOA_U
ClientSampleId :
C0XG1

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Quant Time: May 01 07:30:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 04:02:06 2019
Response via : Initial Calibration





#9

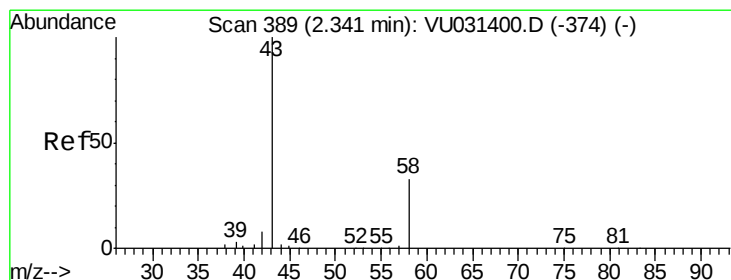
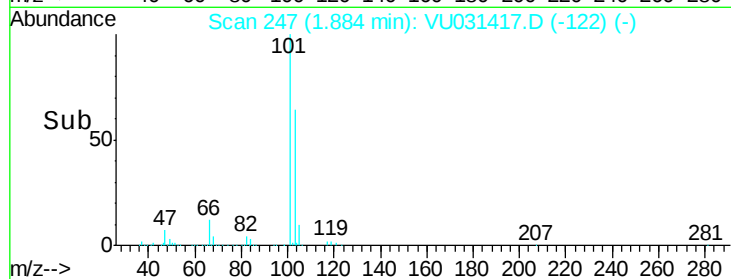
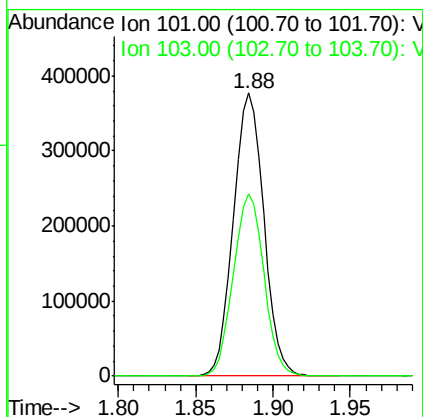
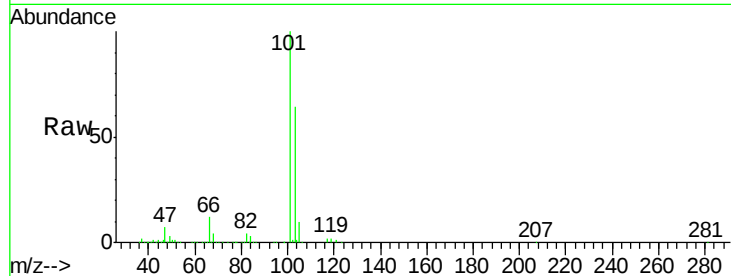
Trichlorofluoromethane
 Concen: 70.252 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031417.D
 Acq: 23 Apr 2019 02:21

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XG1

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.4	77.2

Manual Integrations
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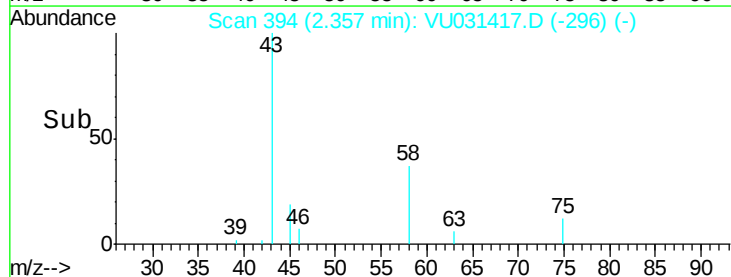
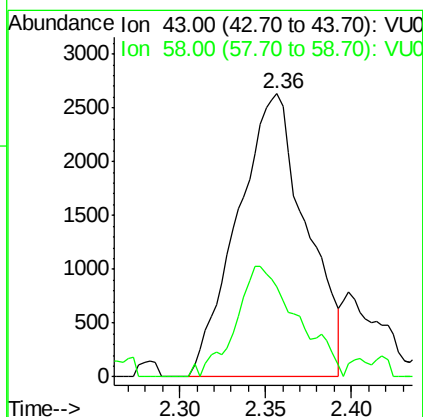
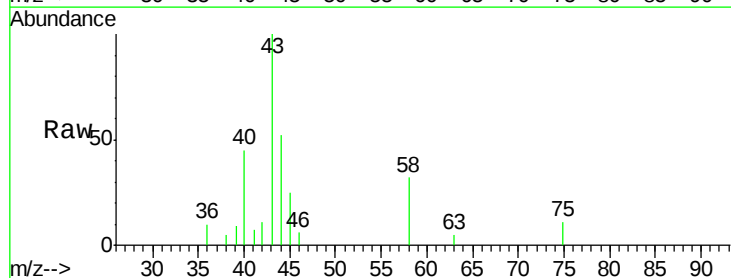
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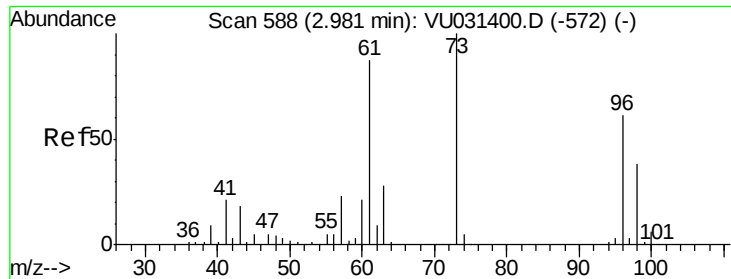


#13

Acetone
 Concen: 2.237 ug/L
 RT: 2.36 min Scan# 394
 Delta R.T. 0.02 min
 Lab File: VU031417.D
 Acq: 23 Apr 2019 02:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.8	0.0	66.4





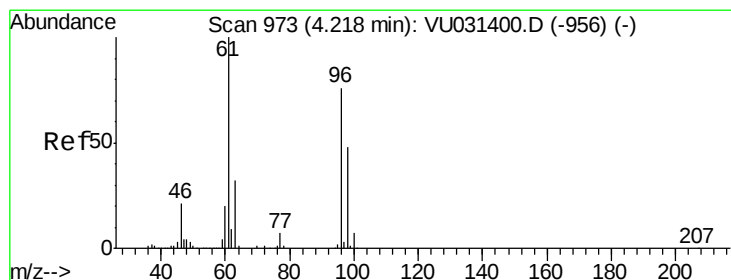
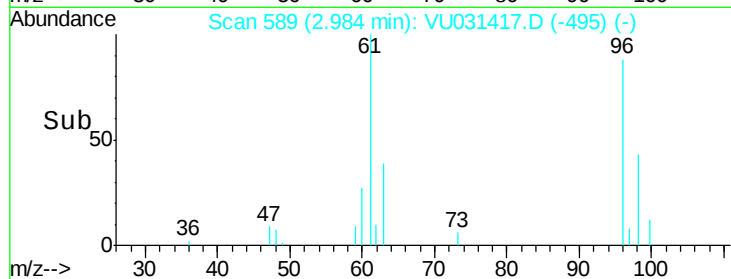
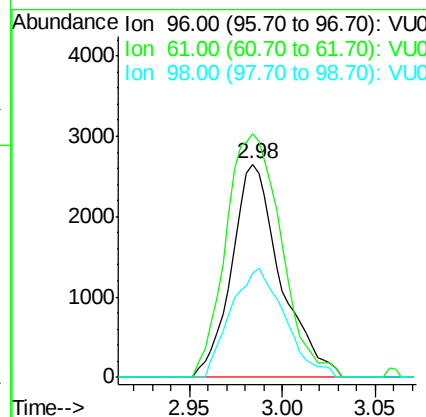
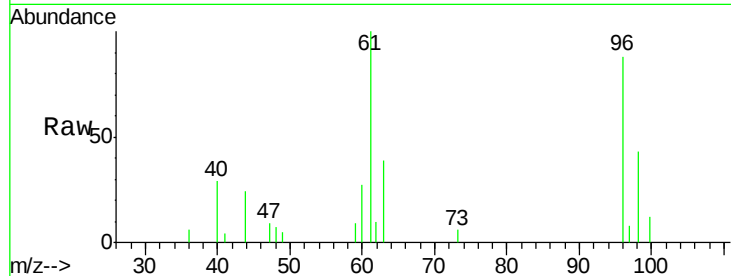
#17
trans-1,2-Dichloroethene
Concen: 1.128 ug/L
RT: 2.98 min Scan# 589
Delta R.T. 0.00 min
Lab File: VU031417.D
Acq: 23 Apr 2019 02:21

Instrument :
MSVOA_U
ClientSampleId :
C0XG1

Tot Ion	Ratio	Lower	Upper
96	100		
61	114.2	100.3	186.3
98	48.9	44.0	81.6

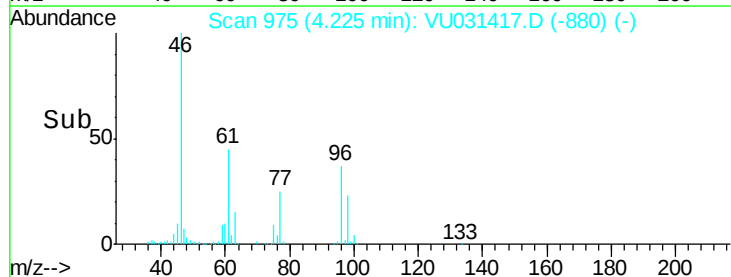
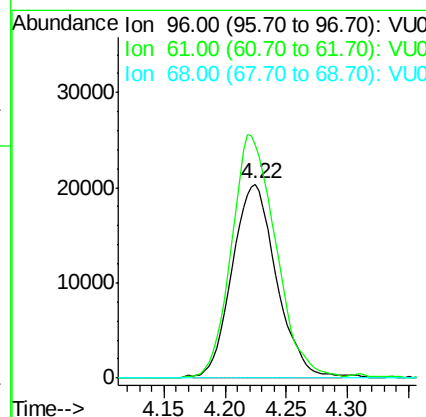
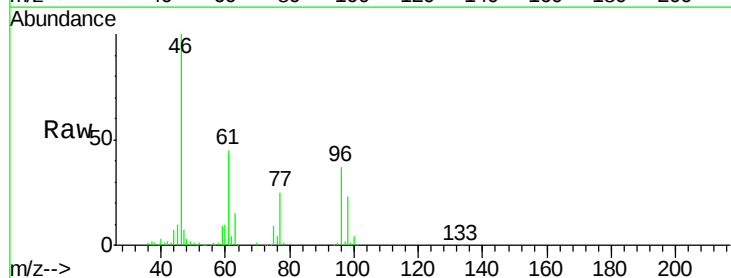
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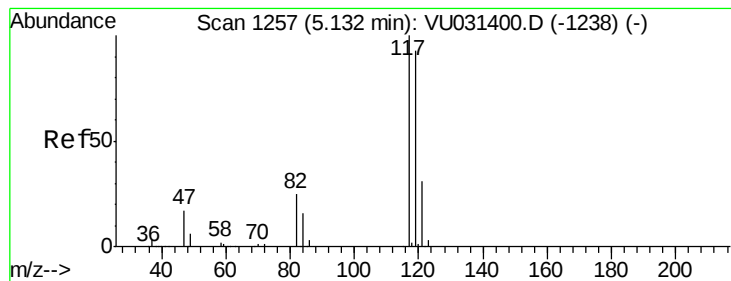
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#20
cis-1,2-Dichloroethene
Concen: 10.518 ug/L
RT: 4.22 min Scan# 975
Delta R.T. 0.01 min
Lab File: VU031417.D
Acq: 23 Apr 2019 02:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	120.4	91.9	170.7
68	0.0	0.0	0.0





#31

Carbon tetrachloride

Concen: 1.410 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VU031417.D

Acq: 23 Apr 2019 02:21

Instrument :

MSVOA_U

ClientSampleId :

C0XG1

Tot Ion:117 Resp: 8254

Ion Ratio Lower Upper

117 100

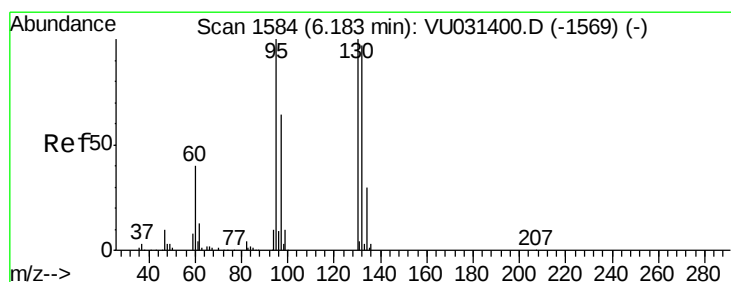
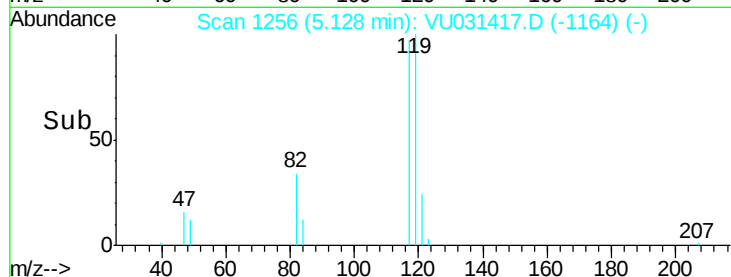
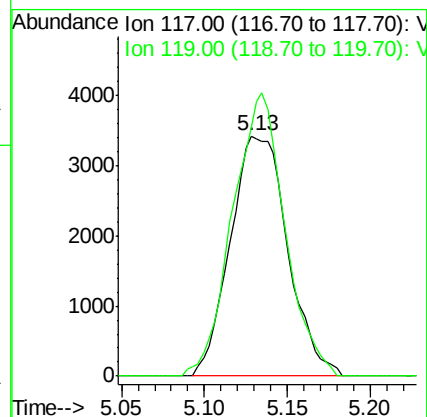
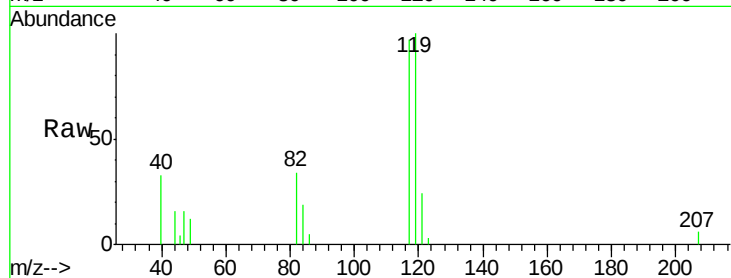
119 107.3 76.2 114.4

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#34

Trichloroethene

Concen: 5028.390 ug/L m

RT: 6.17 min Scan# 1581

Delta R.T. -0.01 min

Lab File: VU031417.D

Acq: 23 Apr 2019 02:21

Tgt Ion: 95 Resp:24715712

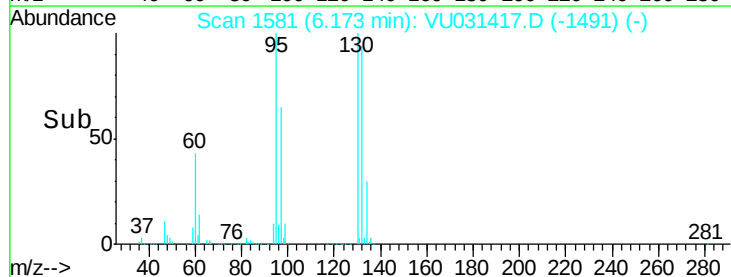
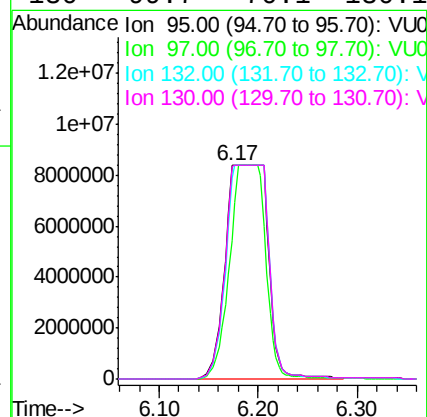
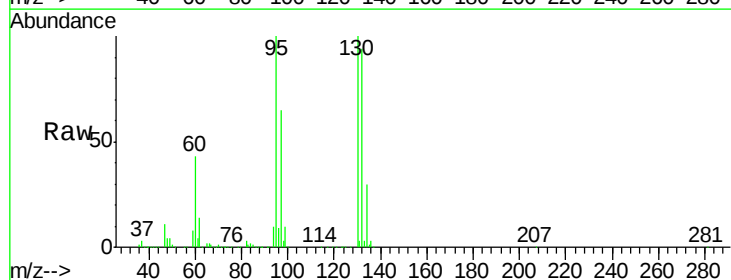
Ion Ratio Lower Upper

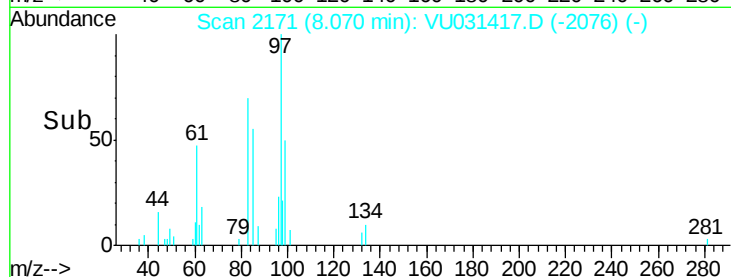
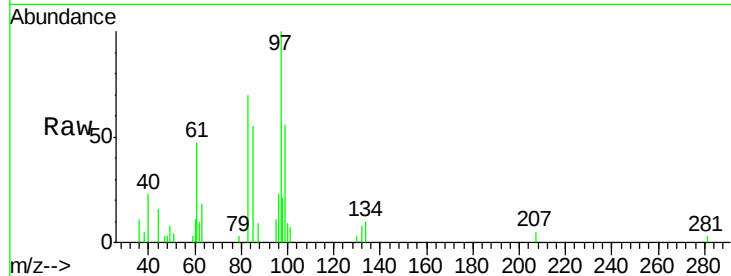
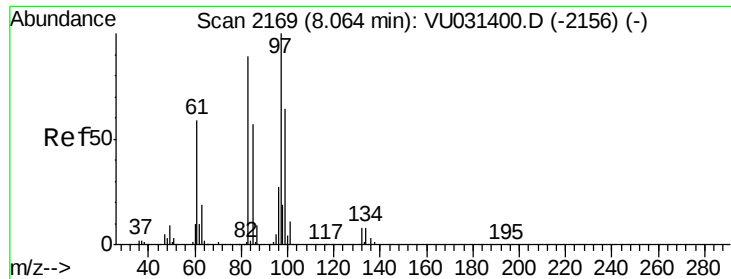
95 100

97 65.0 44.9 83.5

132 94.3 68.0 126.2

130 99.7 70.1 130.1





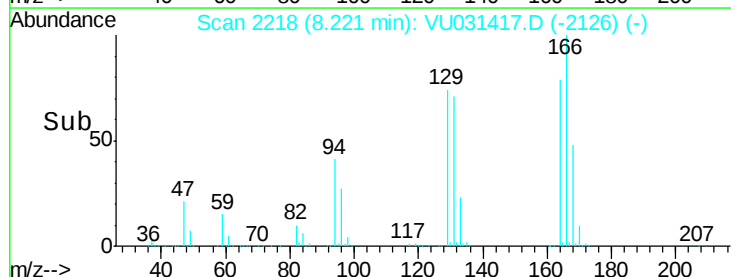
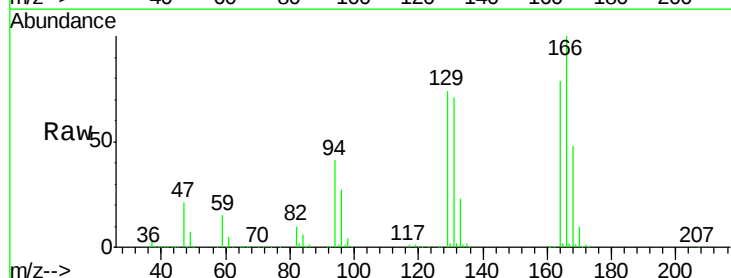
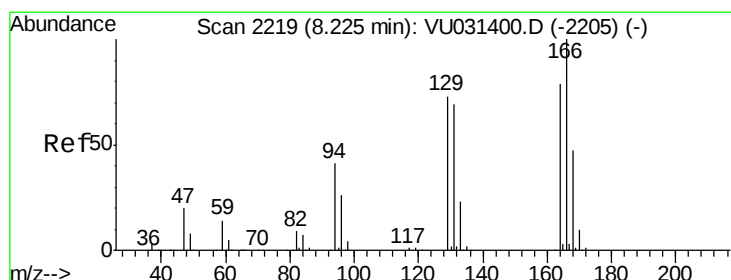
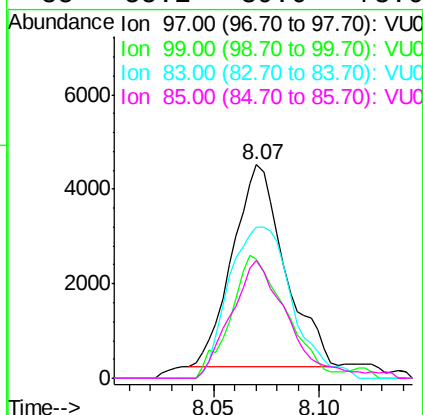
#45
1,1,2-Trichloroethane
Concen: 1.634 ug/L
RT: 8.07 min Scan# 2171
Delta R.T. 0.01 min
Lab File: VU031417.D
Acq: 23 Apr 2019 02:21

Tot Ion	97	Resp	7420
Ion	Ratio	Lower	Upper
97	100		
99	55.8	44.9	83.3
83	70.5	62.5	116.1
85	55.1	39.6	73.6

Instrument :
MSVOA_U
ClientSampleId :
C0XG1

Manual Integrations
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#46
Tetrachloroethene
Concen: 370.576 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU031417.D
Acq: 23 Apr 2019 02:21

Tgt Ion	164	Resp	1291832
Ion	Ratio	Lower	Upper
164	100		
129	93.3	65.2	121.0
131	90.1	61.4	114.0
166	126.2	89.2	165.6

