

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041219\
 Data File : VU031147.D
 Acq On : 12 Apr 2019 22:26
 Operator : JC/SP
 Sample : K2339-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC37

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:49:27 PM

Quant Time: Apr 13 03:55:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 01:01:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	511549	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	504374	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	209984	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	220332	48.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.50%
7) Chloroethane-d5	1.68	69	168626	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.30%
11) 1,1-Dichloroethene-d2	2.27	63	302765	36.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.32%
21) 2-Butanone-d5	4.17	46	319859	88.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.38%
24) Chloroform-d	4.64	84	332152	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.24%
26) 1,2-Dichloroethane-d4	5.31	65	224854	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.48%
32) Benzene-d6	5.33	84	675313	45.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.72%
36) 1,2-Dichloropropane-d6	6.32	67	229608	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.00%
41) Toluene-d8	7.56	98	583288	44.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.38%
43) trans-1,3-Dichloropropene-	7.85	79	95869	41.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.32%
47) 2-Hexanone-d5	8.31	63	196056	85.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.01%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	305784	44.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	205468	49.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.50%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	5723	1.017 ug/L #	1
12) 1,1-Dichloroethene	2.28	96	47635	13.471 ug/L #	8
13) Acetone	2.32	43	25473	6.878 ug/L	98
19) 1,1-Dichloroethane	3.44	63	25554	3.298 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	435480	105.045 ug/L	88
30) 1,1,1-Trichloroethane	4.91	97	13674	2.225 ug/L	94
33) Benzene	5.39	78	21628m	1.310 ug/L	
34) Trichloroethene	6.18	95	7590087	1874.924 ug/L	96
42) Toluene	7.64	91	6915	0.410 ug/L	94
46) Tetrachloroethene	8.23	164	2369m	0.805 ug/L	

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

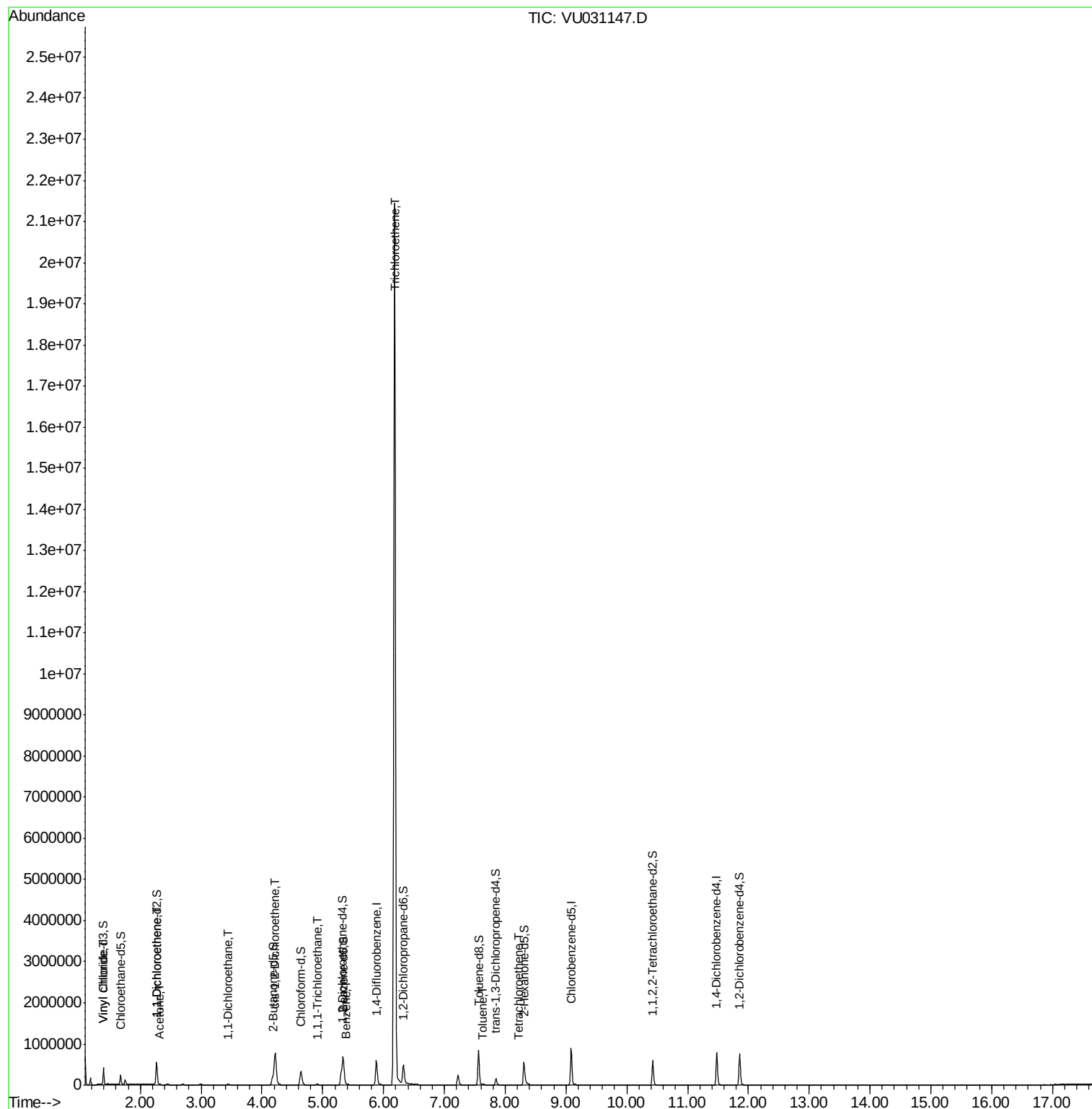
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041219\
Data File : VU031147.D
Acq On : 12 Apr 2019 22:26
Operator : JC/SP
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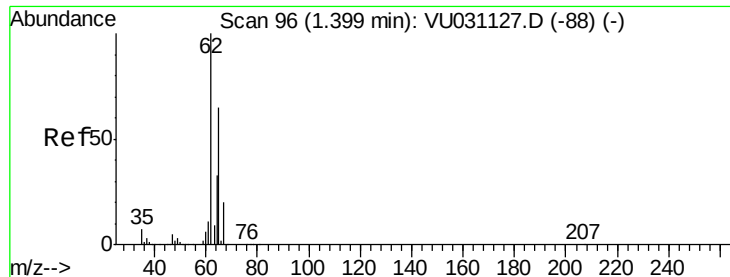
Instrument :
MSVOA_U
ClientSampleId :
BFC37

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Quant Time: Apr 13 03:55:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.017 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU031147.D

Acq: 12 Apr 2019 22:26

Instrument :

MSVOA_U

ClientSampled :

BFC37

Tot Ion: 62 Resp: 5723

Ion Ratio Lower Upper

62 100

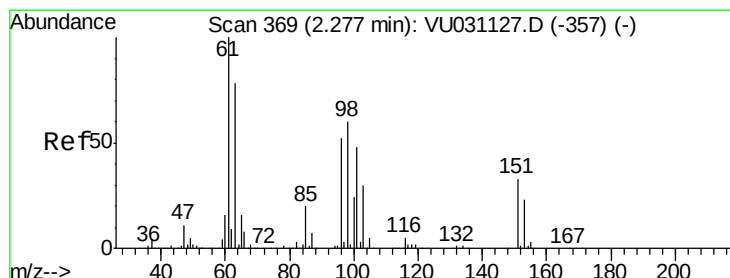
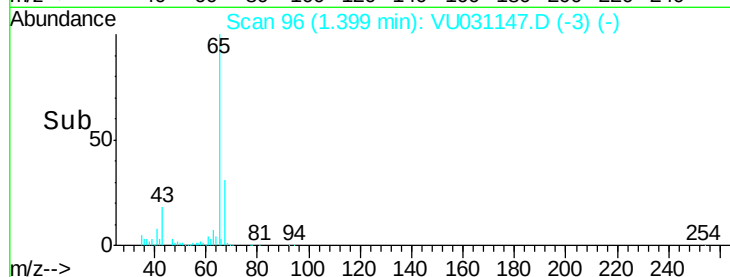
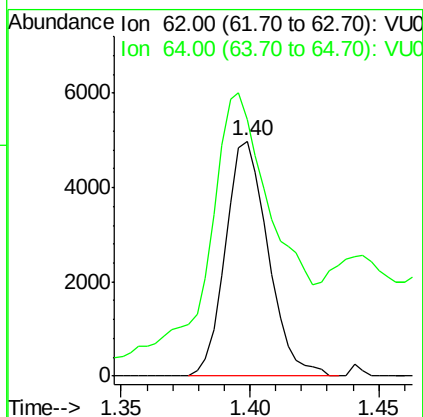
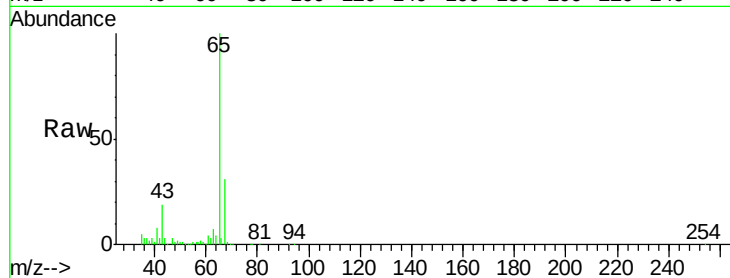
64 109.2 21.5 39.9#

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 13.471 ug/L

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU031147.D

Acq: 12 Apr 2019 22:26

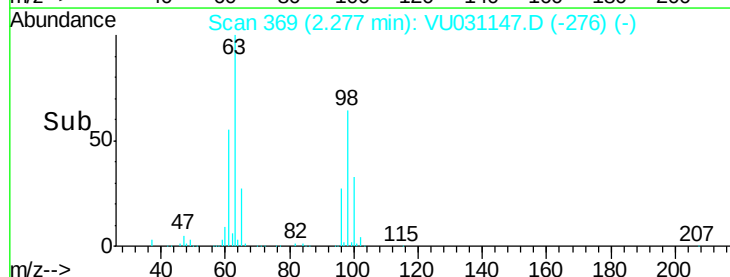
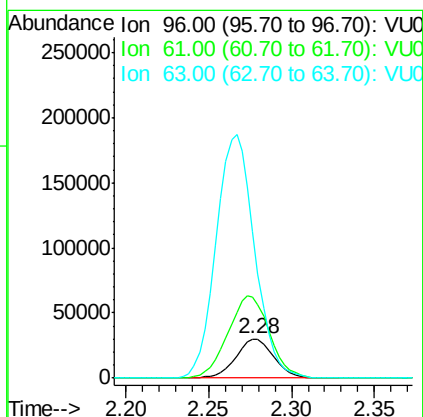
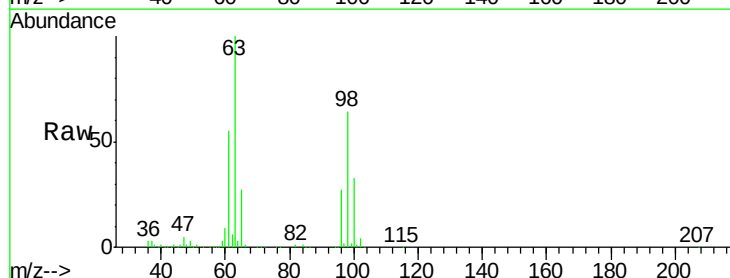
Tgt Ion: 96 Resp: 47635

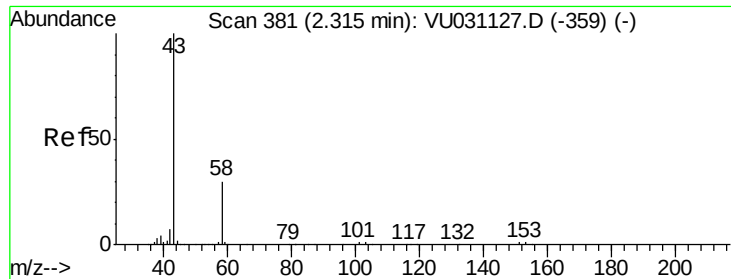
Ion Ratio Lower Upper

96 100

61 205.6 132.0 245.2

63 374.3 90.9 168.9#





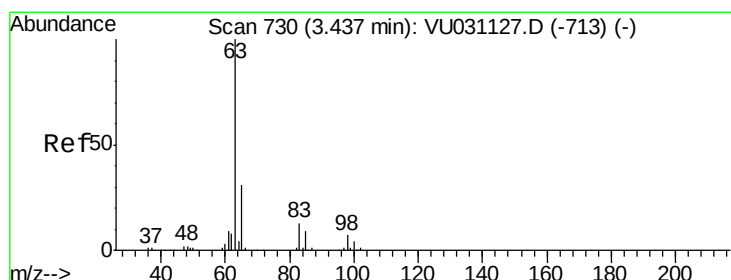
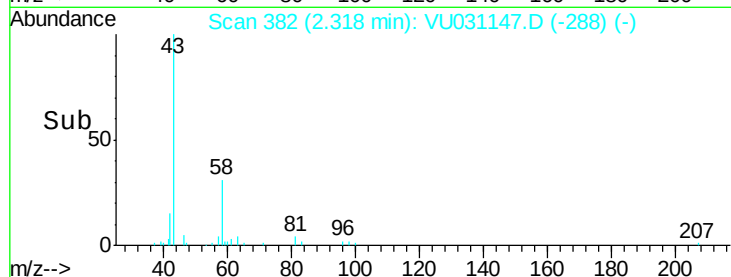
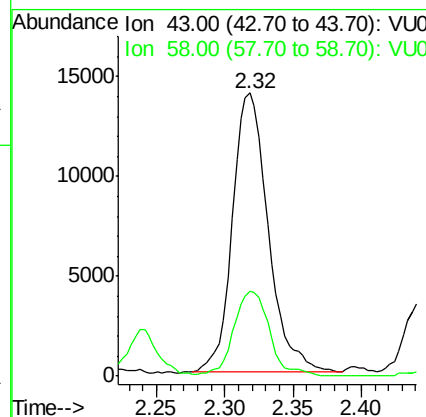
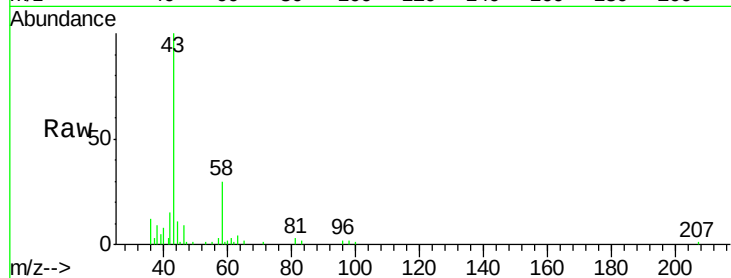
#13
Acetone
Concen: 6.878 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU031147.D
Acq: 12 Apr 2019 22:26

Instrument :
MSVOA_U
ClientSampleId :
BFC37

Tot Ion	Ratio	Lower	Upper
43	100		
58	30.6	0.0	64.0

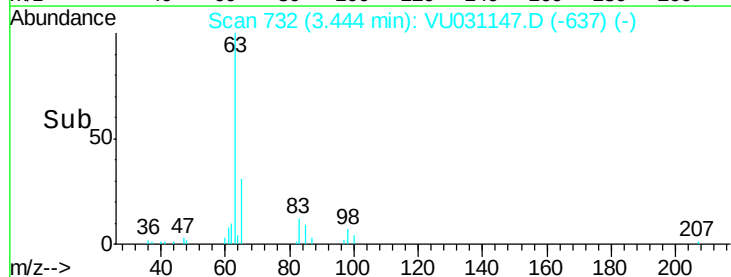
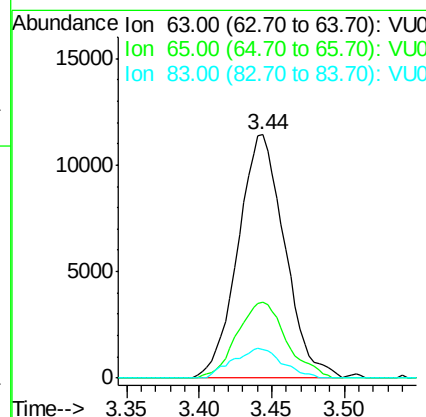
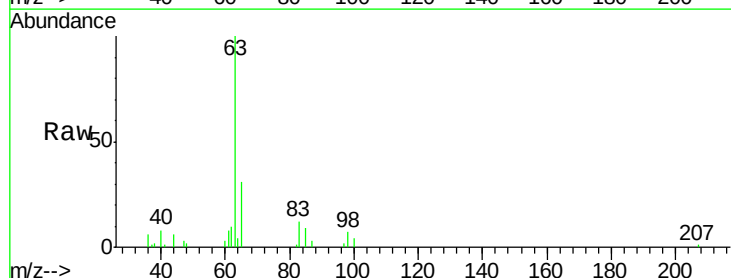
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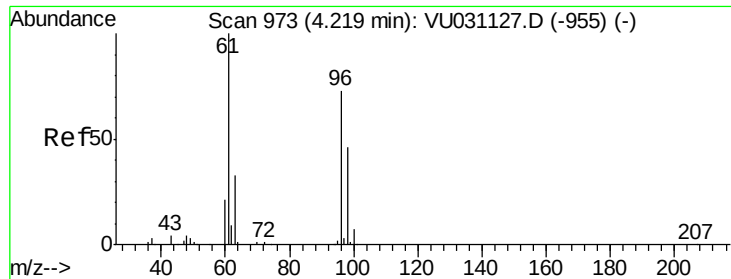
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#19
1,1-Dichloroethane
Concen: 3.298 ug/L
RT: 3.44 min Scan# 732
Delta R.T. 0.01 min
Lab File: VU031147.D
Acq: 12 Apr 2019 22:26

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.3	21.4	39.8
83	11.9	8.5	15.7





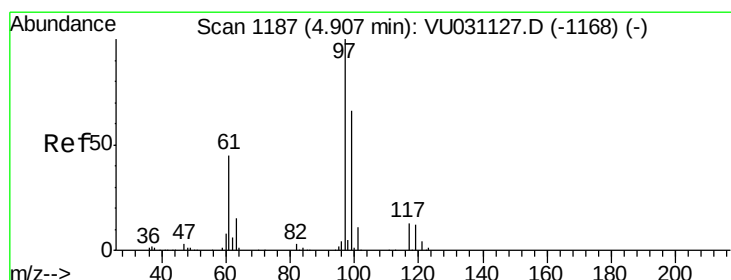
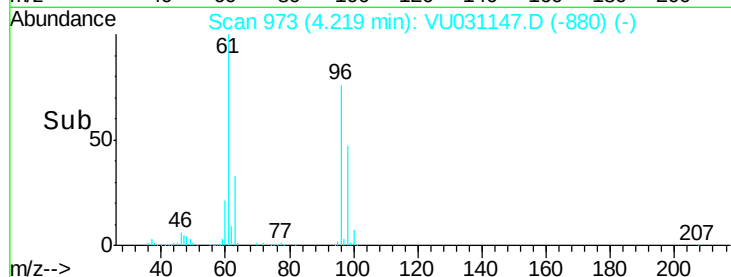
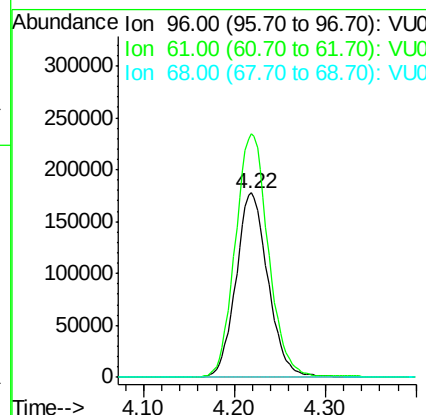
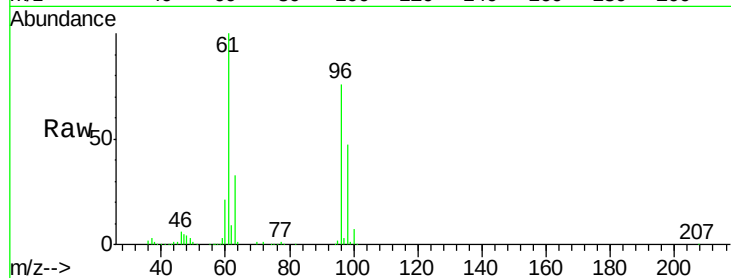
#20
 cis-1,2-Dichloroethene
 Concen: 105.045 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU031147.D
 Acq: 12 Apr 2019 22:26

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC37

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	132.1	102.9	191.1	
68	0.0	0.0	0.0	

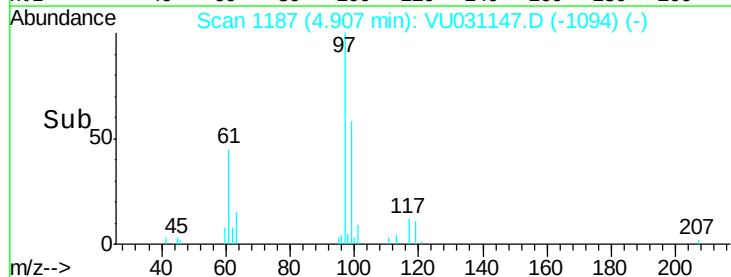
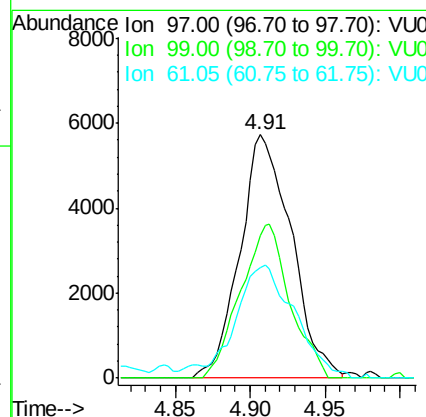
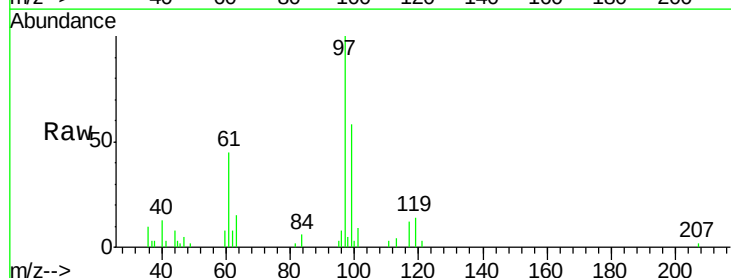
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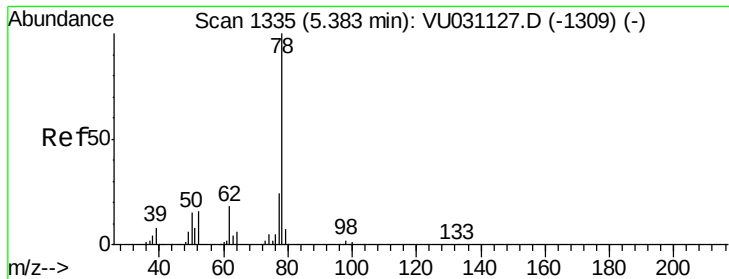
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#30
 1,1,1-Trichloroethane
 Concen: 2.225 ug/L
 RT: 4.91 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: VU031147.D
 Acq: 12 Apr 2019 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
97	100			
99	60.5	51.4	77.2	
61	52.2	37.1	55.7	





#33

Benzene

Concen: 1.310 ug/L m

RT: 5.39 min Scan# 1338

Delta R.T. 0.01 min

Lab File: VU031147.D

Acq: 12 Apr 2019 22:26

Instrument :

MSVOA_U

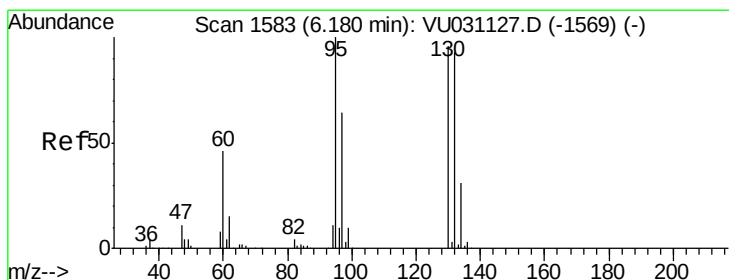
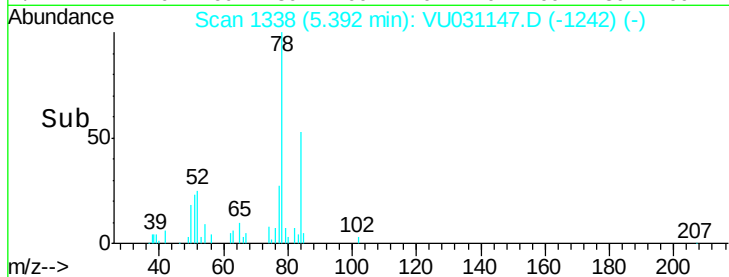
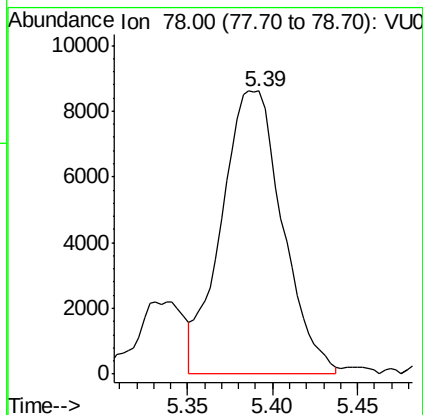
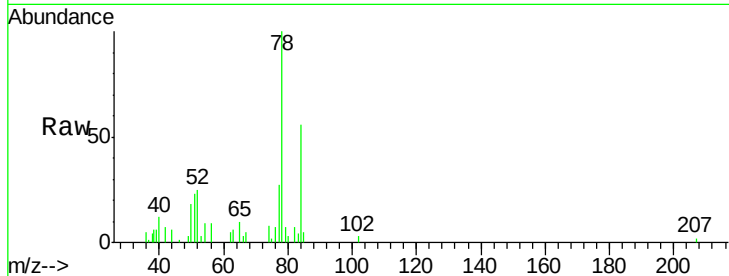
ClientSampleId :

BFC37

Tgt Ion: 78 Resp: 21628

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#34

Trichloroethene

Concen: 1874.924 ug/L

RT: 6.18 min Scan# 1584

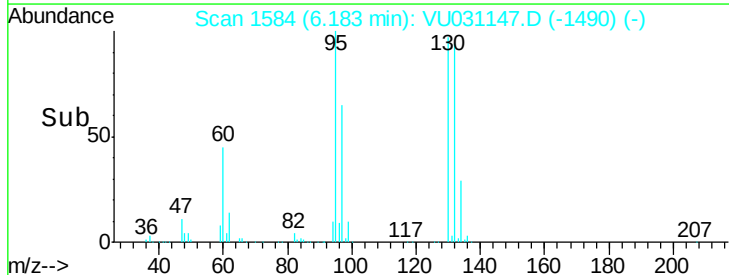
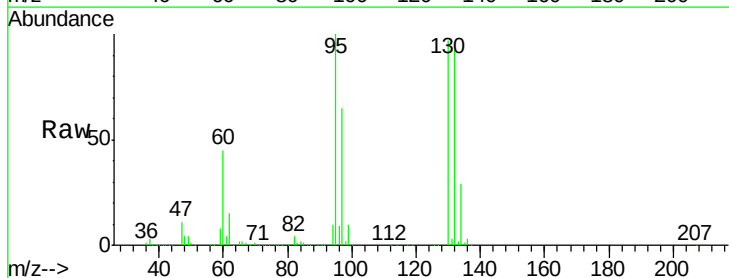
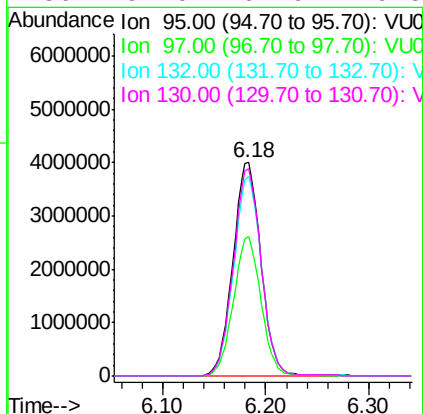
Delta R.T. 0.00 min

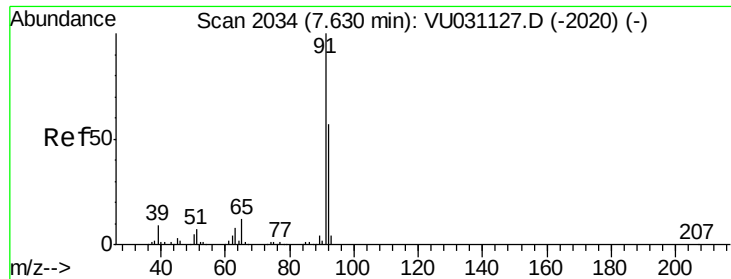
Lab File: VU031147.D

Acq: 12 Apr 2019 22:26

Tgt Ion: 95 Resp: 7590087

Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.5	82.7
132	93.3	61.5	114.1
130	97.0	64.9	120.5





#42

Toluene

Concen: 0.410 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. 0.01 min

Lab File: VU031147.D

Acq: 12 Apr 2019 22:26

Instrument :

MSVOA_U

ClientSampleId :

BFC37

Tot Ion: 91 Resp: 6915

Ion Ratio Lower Upper

91 100

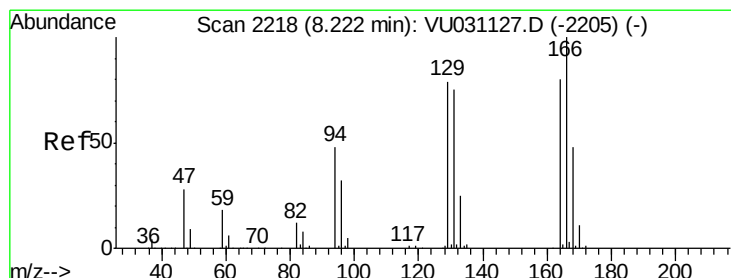
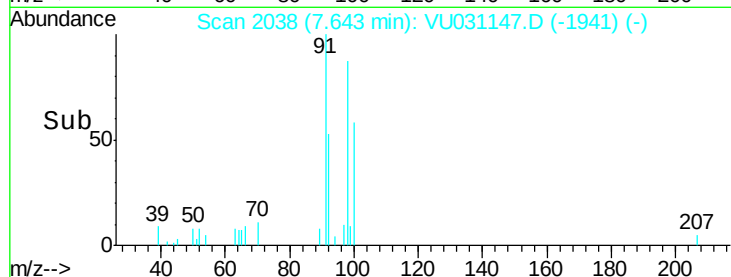
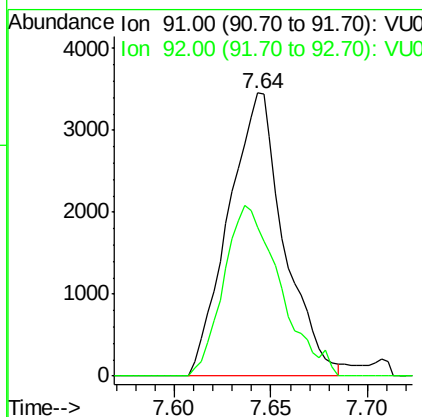
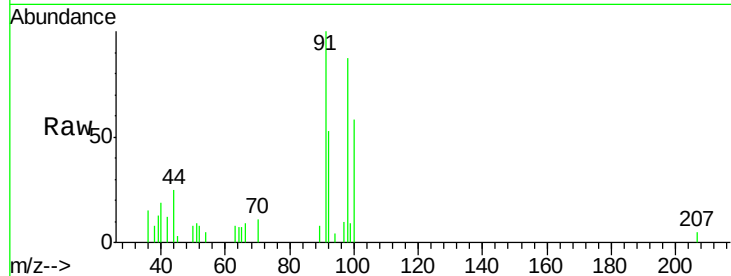
92 52.8 40.0 74.4

Manual Integrations

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#46

Tetrachloroethene

Concen: 0.805 ug/L m

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031147.D

Acq: 12 Apr 2019 22:26

Tgt Ion: 164 Resp: 2369

Ion Ratio Lower Upper

164 100

129 73.1 67.4 125.2

131 98.0 65.9 122.5

166 148.0 88.6 164.6

