

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031184.D
 Acq On : 14 Apr 2019 02:23
 Operator : JC/SP
 Sample : K2339-15DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC39DL

Manual Integrations
 APPROVED

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 4/15/2019 12:02:20 PM

Quant Time: Apr 14 03:05:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 14 02:24:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	468347	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	440735	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	164793	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	184599	44.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.30%
7) Chloroethane-d5	1.67	69	146827	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.54%
11) 1,1-Dichloroethene-d2	2.27	63	347515	45.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.92%
21) 2-Butanone-d5	4.17	46	320996	96.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.87%
24) Chloroform-d	4.64	84	329267	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.12%
26) 1,2-Dichloroethane-d4	5.31	65	218890	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.46%
32) Benzene-d6	5.33	84	649974	50.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.04%
36) 1,2-Dichloropropane-d6	6.32	67	220343	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.94%
41) Toluene-d8	7.56	98	525078	46.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.08%
43) trans-1,3-Dichloropropene-	7.85	79	90854	45.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.38%
47) 2-Hexanone-d5	8.31	63	188534	93.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	306506	51.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	184914	57.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.12%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	8968	1.741 ug/L	# 8
12) 1,1-Dichloroethene	2.28	96	190829	58.944 ug/L	91
19) 1,1-Dichloroethane	3.44	63	57001	8.035 ug/L	96
20) cis-1,2-Dichloroethene	4.23	96	18435	4.857 ug/L	80
30) 1,1,1-Trichloroethane	4.91	97	6009m	1.119 ug/L	
34) Trichloroethene	6.18	95	16066	4.542 ug/L	87
46) Tetrachloroethene	8.22	164	62612	24.345 ug/L	96

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

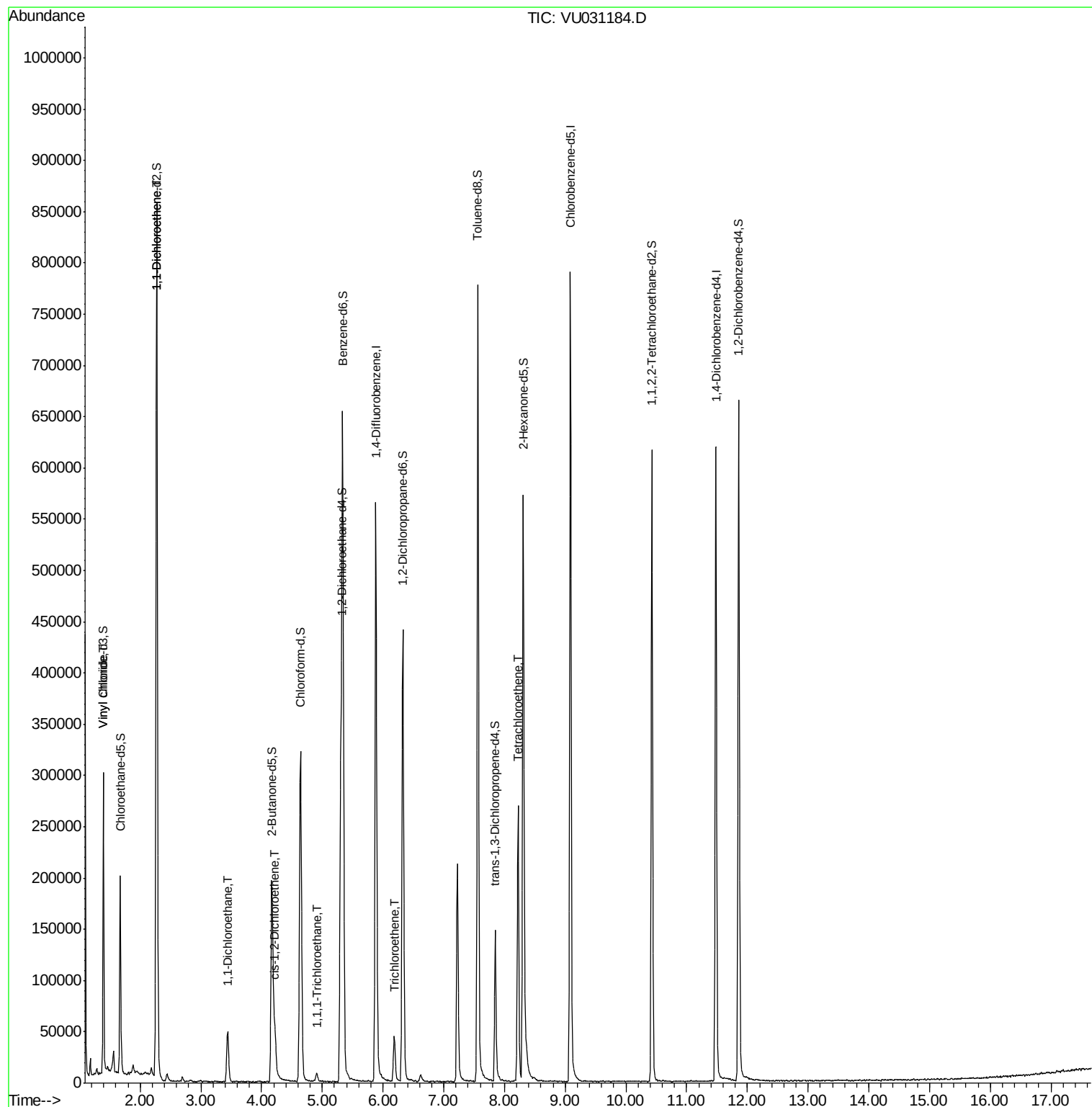
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041319\
Data File : VU031184.D
Acq On : 14 Apr 2019 02:23
Operator : JC/SP
Sample : K2339-15DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 35 Sample Multiplier: 1

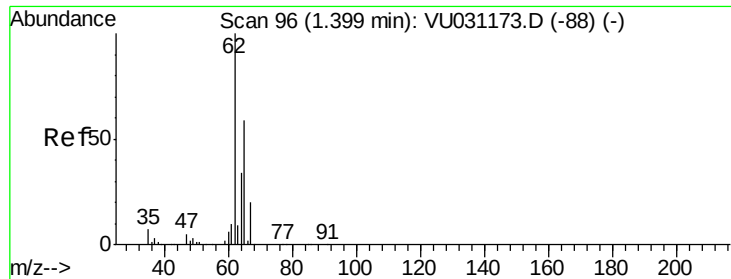
Instrument :
MSVOA_U
ClientSampleId :
BFC39DL

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Quant Time: Apr 14 03:05:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 14 02:24:32 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.741 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU031184.D

Acq: 14 Apr 2019 02:23

Instrument :

MSVOA_U

ClientSampleId :

BFC39DL

Tot Ion: 62 Resp: 8968

Ion Ratio Lower Upper

62 100

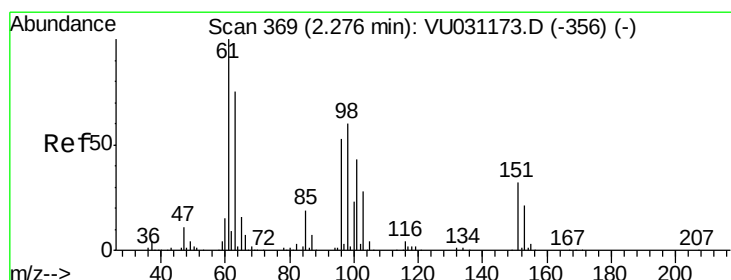
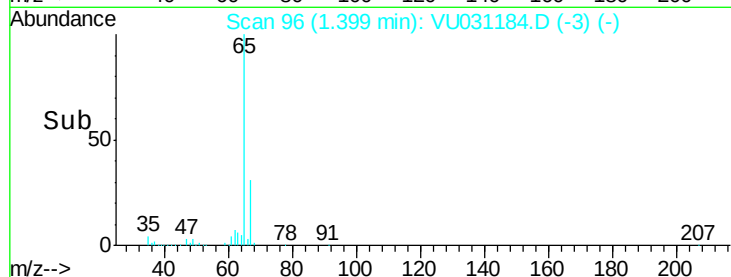
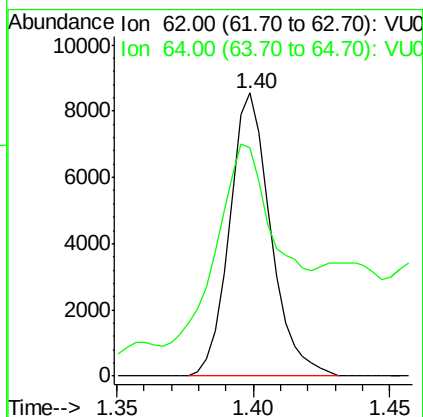
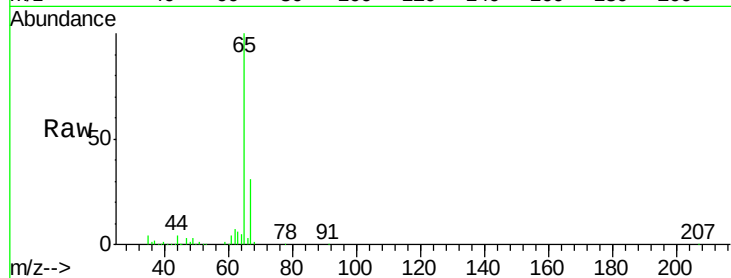
64 80.8 21.5 39.9#

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#12

1,1-Dichloroethene

Concen: 58.944 ug/L

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU031184.D

Acq: 14 Apr 2019 02:23

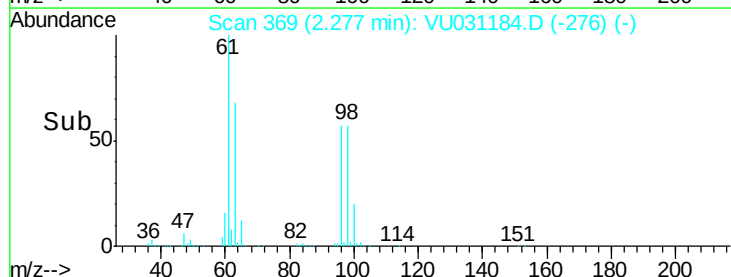
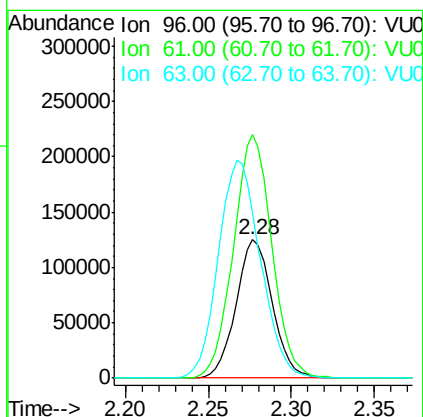
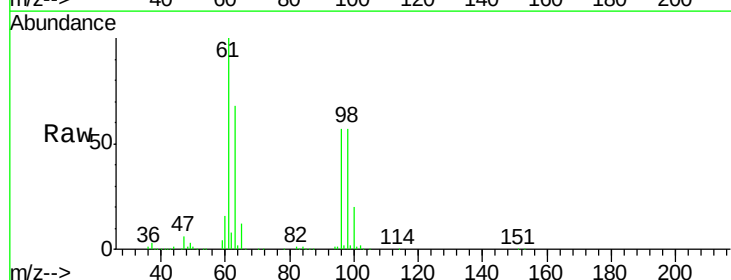
Tgt Ion: 96 Resp: 190829

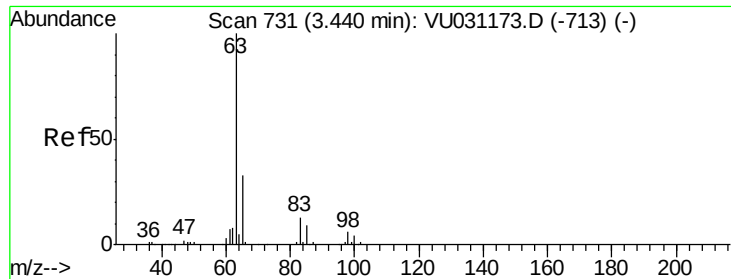
Ion Ratio Lower Upper

96 100

61 176.4 132.0 245.2

63 119.5 90.9 168.9





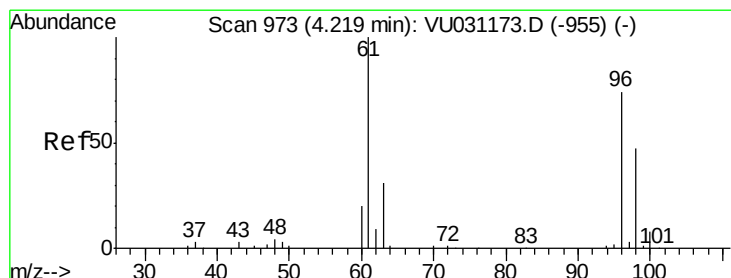
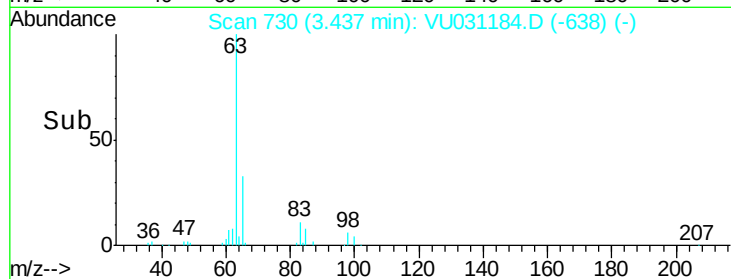
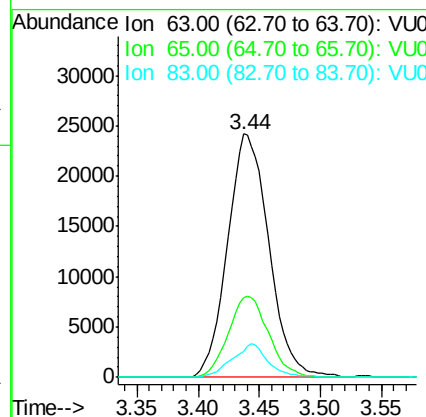
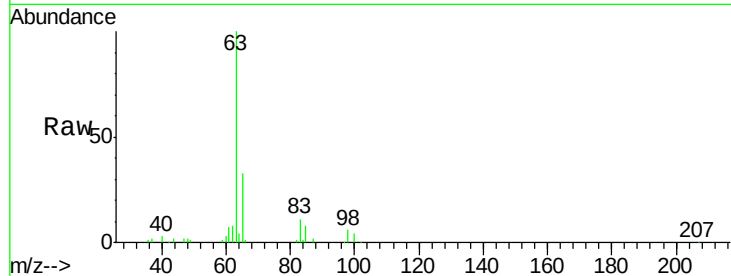
#19
 1,1-Dichloroethane
 Concen: 8.035 ug/L
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU031184.D
 Acq: 14 Apr 2019 02:23

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC39DL

Tot Ion:	63	Resp:	57001
Ion	Ratio	Lower	Upper
63	100		
65	32.8	21.4	39.8
83	10.9	8.5	15.7

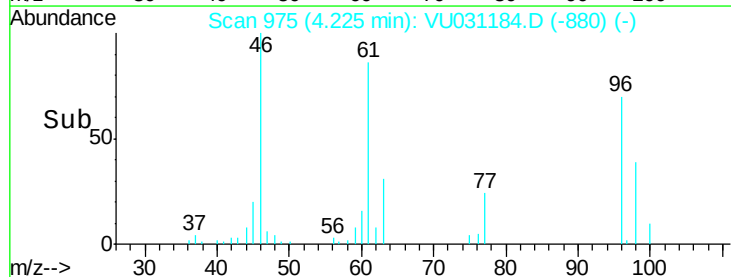
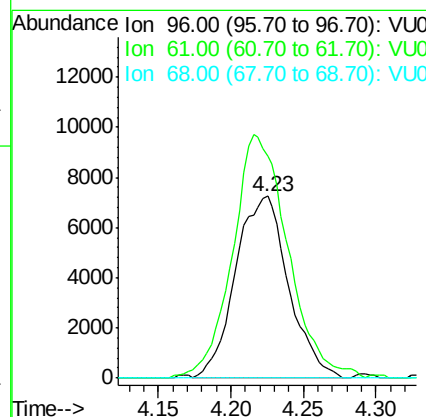
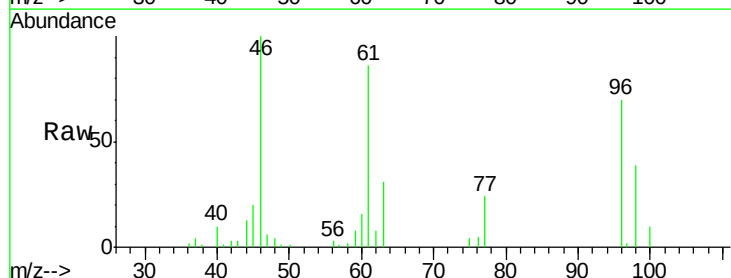
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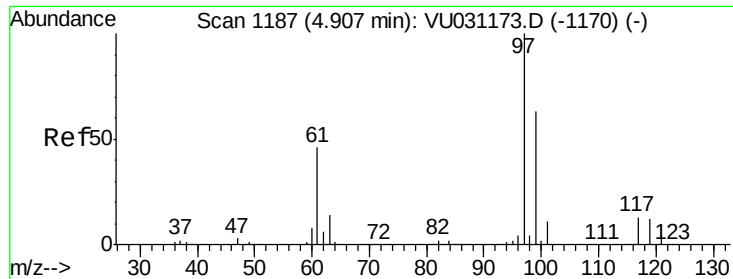
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#20
 cis-1,2-Dichloroethene
 Concen: 4.857 ug/L
 RT: 4.23 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: VU031184.D
 Acq: 14 Apr 2019 02:23

Tgt Ion:	96	Resp:	18435
Ion	Ratio	Lower	Upper
96	100		
61	121.6	102.9	191.1
68	0.0	0.0	0.0





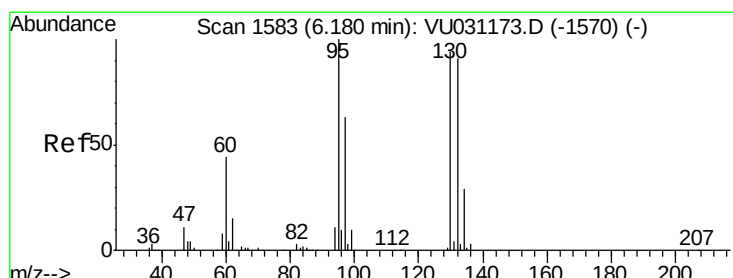
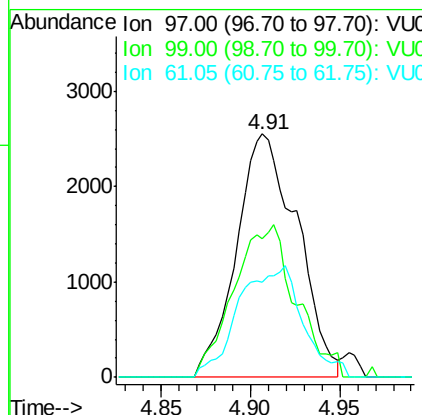
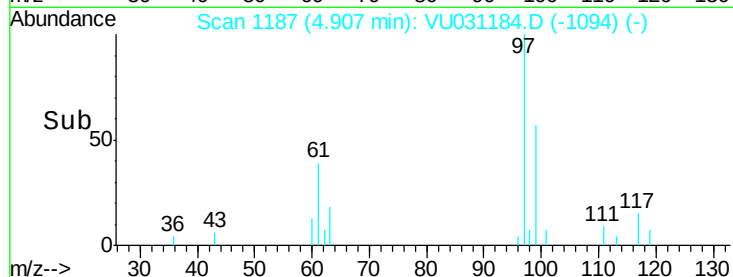
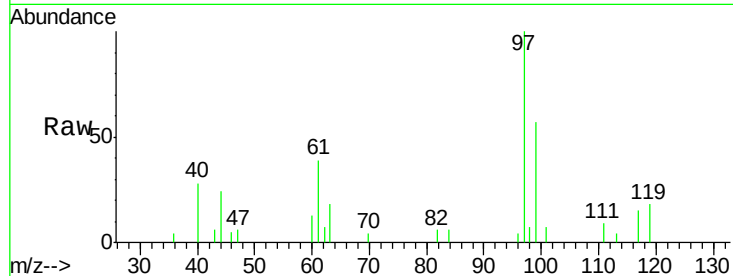
#30
 1,1,1-Trichloroethane
 Concen: 1.119 ug/L m
 RT: 4.91 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: VU031184.D
 Acq: 14 Apr 2019 02:23

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC39DL

Tot Ion	Ratio	Lower	Upper
97	100		
99	32.4	51.4	77.2#
61	21.4	37.1	55.7#

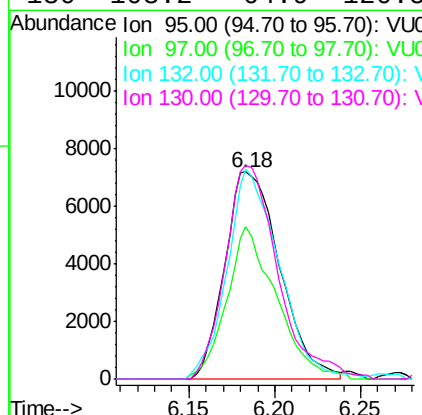
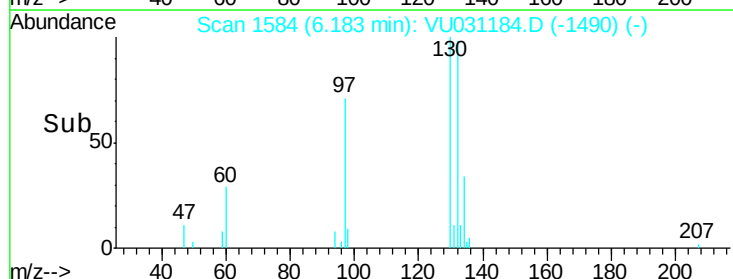
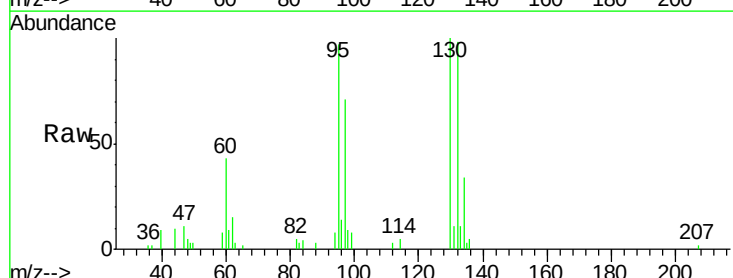
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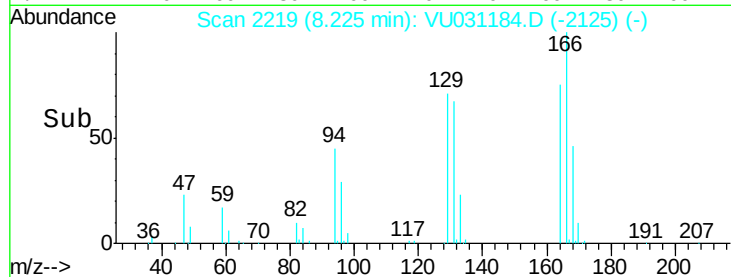
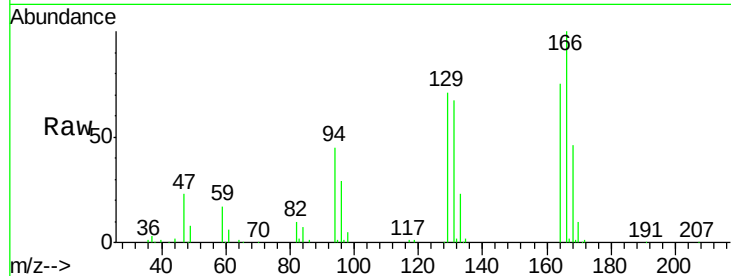
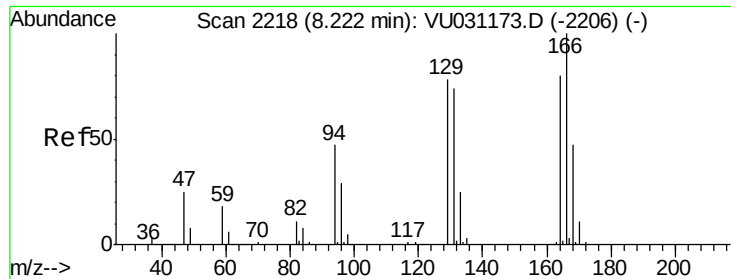
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#34
 Trichloroethene
 Concen: 4.542 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031184.D
 Acq: 14 Apr 2019 02:23

Tgt Ion	Ratio	Lower	Upper
95	100		
97	73.6	44.5	82.7
132	101.4	61.5	114.1
130	103.2	64.9	120.5





#46

Tetrachloroethene

Concen: 24.345 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031184.D

Acq: 14 Apr 2019 02:23

Tot Ion:164 Resp: 62612

Ion Ratio Lower Upper

164 100

129 95.4 67.4 125.2

131 90.0 65.9 122.5

166 133.6 88.6 164.6

Instrument :

MSVOA_U

ClientSampleId :

BFC39DL

Manual Integrations

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