

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035117.D
 Acq On : 12 Oct 2019 03:16
 Operator : JC/SP
 Sample : K5309-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RB-2-191003-01

Manual Integrations
 APPROVED

MMDadoda
 10/15/2019 6:05:58 AM

Quant Time: Oct 14 01:30:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 14 01:16:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	168191	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	179236	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	68273	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51571	5.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.80%
7) Chloroethane-d5	1.68	69	48568	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.26	63	75416	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.17	46	149525	51.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.14%
24) Chloroform-d	4.62	84	90483	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.29	65	58125	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.32	84	190398	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.31	67	65968	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.55	98	165690	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	7.84	79	19302	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.30	63	111058	46.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.36%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56982	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	58132	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

					Ovalue
13) Acetone	2.31	43	19645	8.192 ug/L	90
14) Carbon disulfide	2.47	76	7444	0.207 ug/L #	92
16) Methylene chloride	2.68	84	1862	0.139 ug/L	90
22) cis-1,2-Dichloroethene	4.20	96	3696m	0.286 ug/L	
34) Trichloroethene	6.17	95	5273	0.379 ug/L	95
42) Toluene	7.62	91	27044	0.480 ug/L	100
47) Tetrachloroethene	8.21	164	151183	13.414 ug/L	96

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

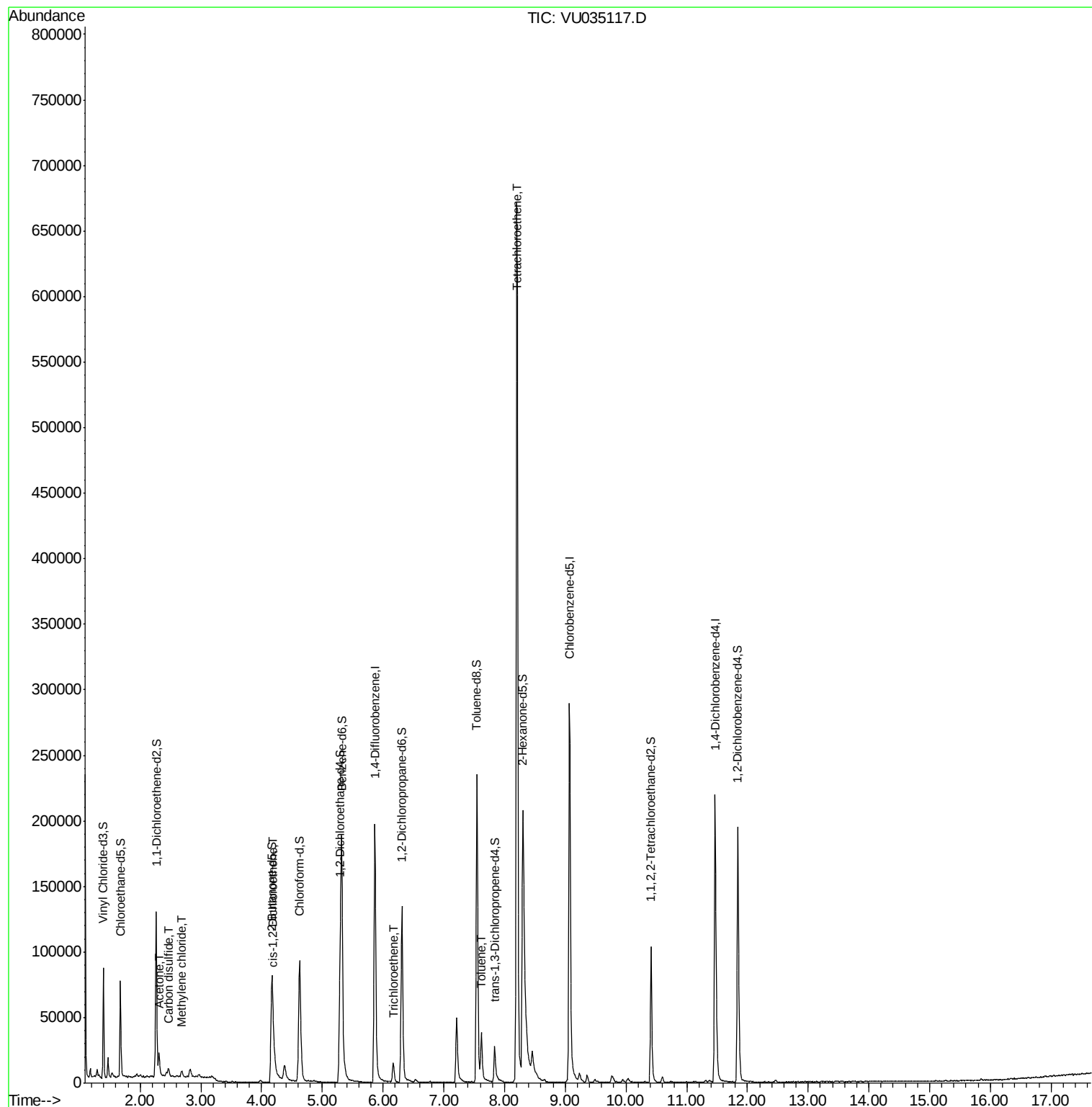
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101219\
Data File : VU035117.D
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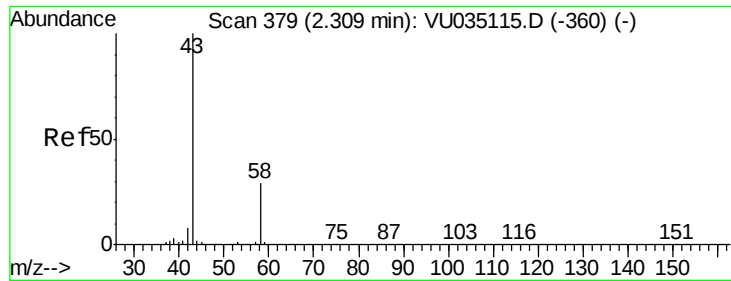
Instrument :
MSVOA_U
ClientSampleId :
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Quant Time: Oct 14 01:30:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 14 01:16:14 2019
Response via : Initial Calibration





#13

Acetone

Concen: 8.192 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035117.D

Acq: 12 Oct 2019 03:16

Instrument :

MSVOA_U

ClientSampleId :

RB-2-191003-01

Tot Ion: 43 Resp: 19645

Ion Ratio Lower Upper

43 100

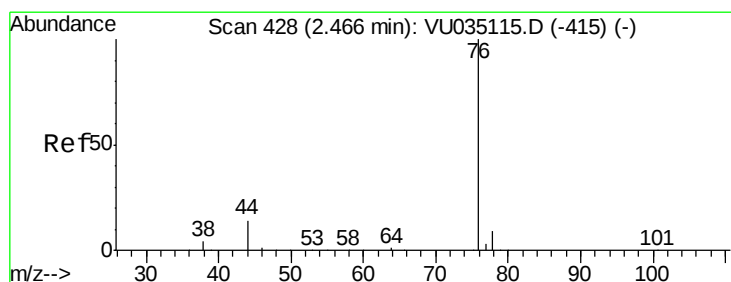
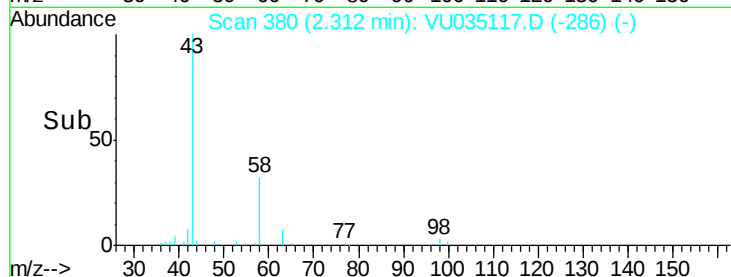
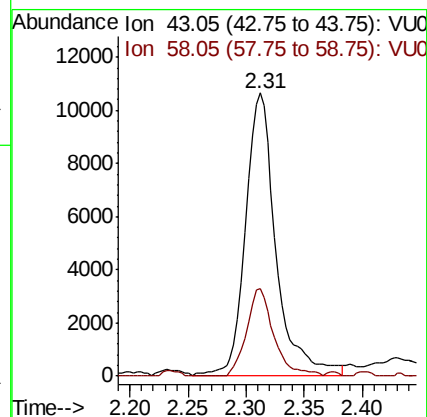
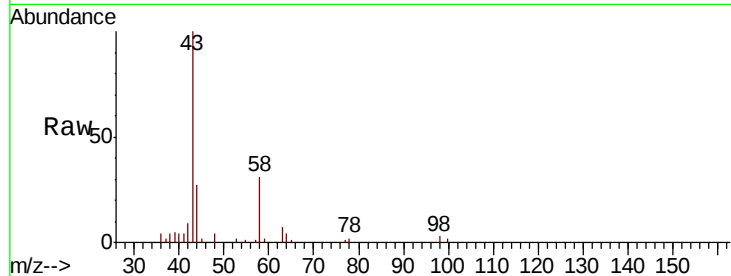
58 27.5 0.0 66.6

Manual Integrations

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#14

Carbon disulfide

Concen: 0.207 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VU035117.D

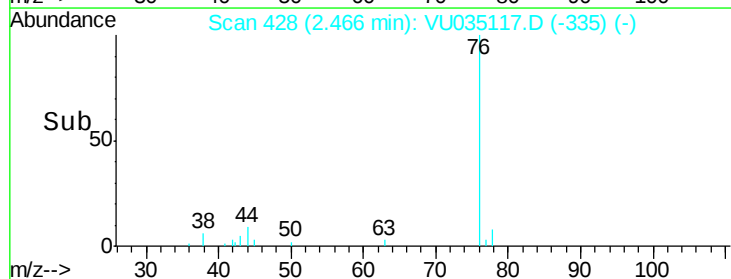
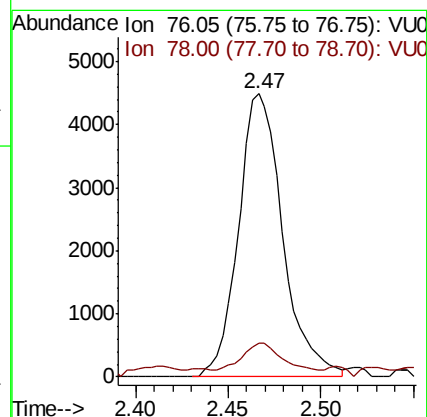
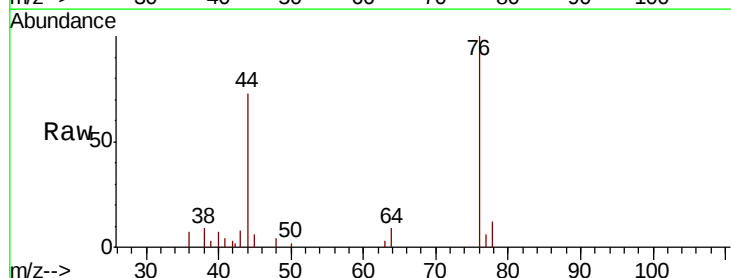
Acq: 12 Oct 2019 03:16

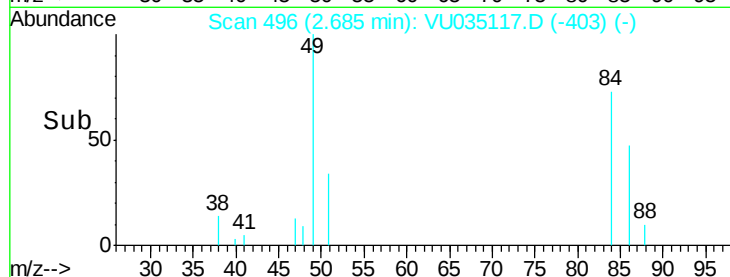
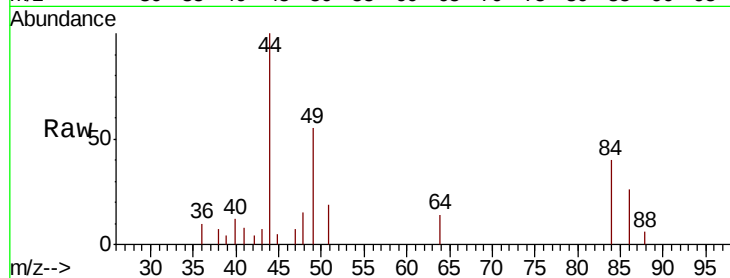
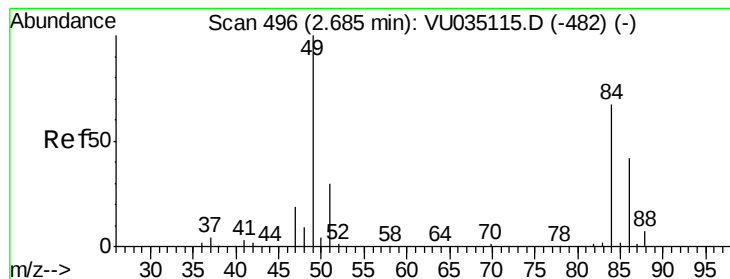
Tgt Ion: 76 Resp: 7444

Ion Ratio Lower Upper

76 100

78 11.9 7.1 10.7#





#16

Methylene chloride

Concen: 0.139 ug/L

RT: 2.68 min Scan# 496

Delta R.T. 0.00 min

Lab File: VU035117.D

Acq: 12 Oct 2019 03:16

Tot Ion:	84	Resp:	1862
Ion	Ratio	Lower	Upper
84	100		
86	64.1	42.5	78.9
49	137.7	86.9	161.3

Instrument :

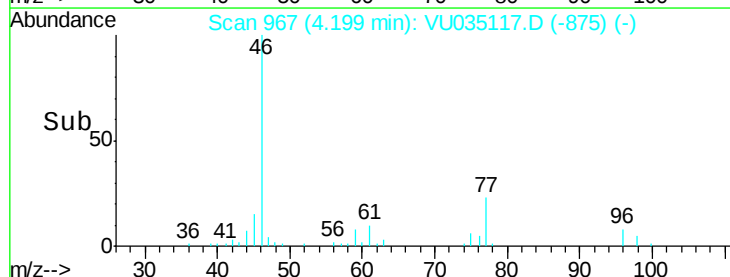
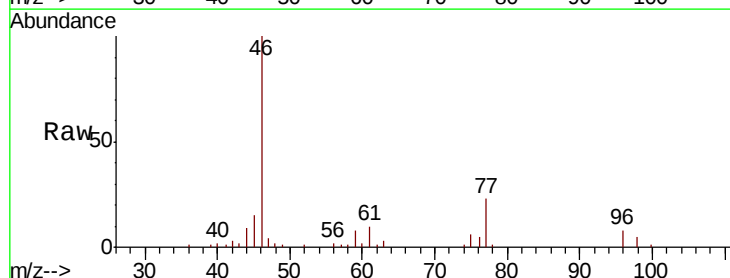
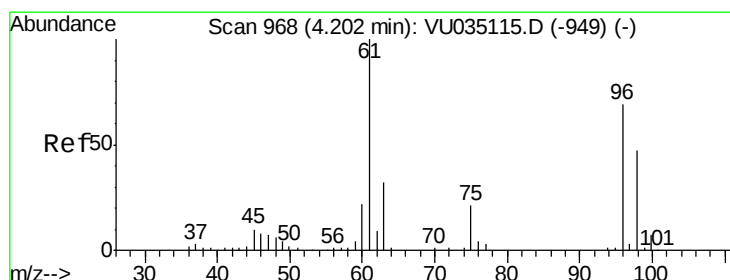
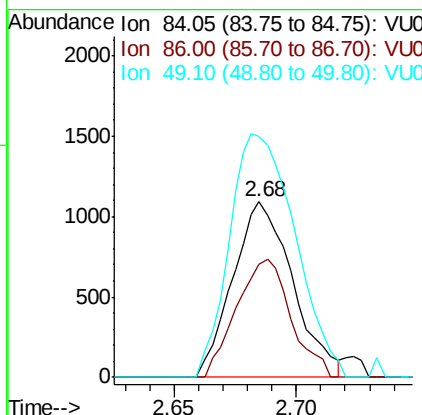
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#22

cis-1,2-Dichloroethene

Concen: 0.286 ug/L m

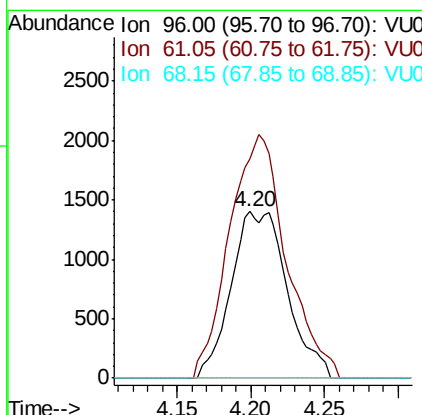
RT: 4.20 min Scan# 967

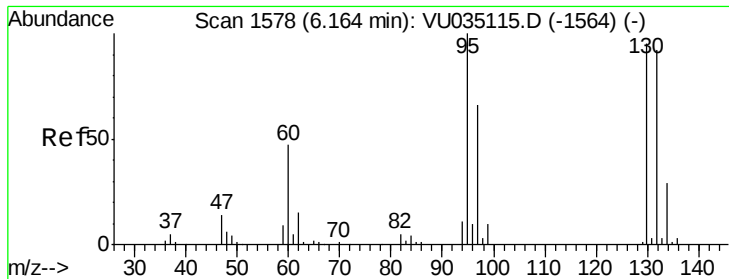
Delta R.T. -0.00 min

Lab File: VU035117.D

Acq: 12 Oct 2019 03:16

Tgt Ion:	96	Resp:	3696
Ion	Ratio	Lower	Upper
96	100		
61	131.5	89.2	165.6
68	0.0	0.0	0.0





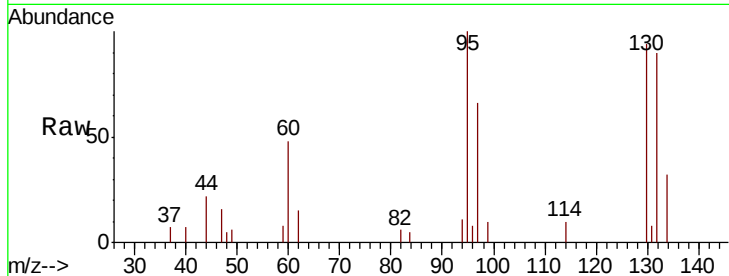
#34
 Trichloroethene
 Concen: 0.379 ug/L
 RT: 6.17 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: VU035117.D
 Acq: 12 Oct 2019 03:16

Instrument :
 MSVOA_U
 ClientSampleId :
 RB-2-191003-01

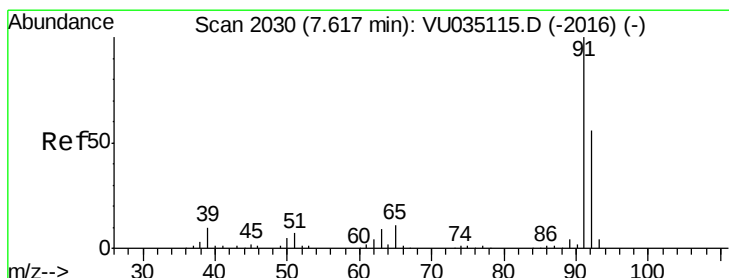
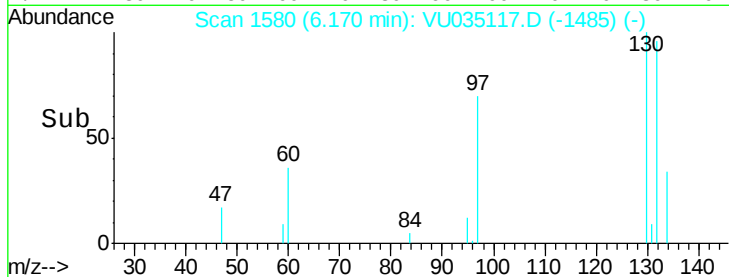
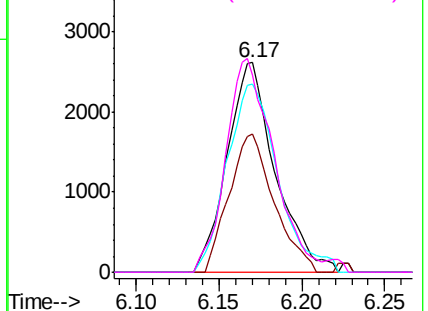
Tot Ion: 95 Resp: 5273
 Ion Ratio Lower Upper
 95 100
 97 65.8 44.5 82.7
 132 89.8 66.6 123.8
 130 93.8 68.9 127.9

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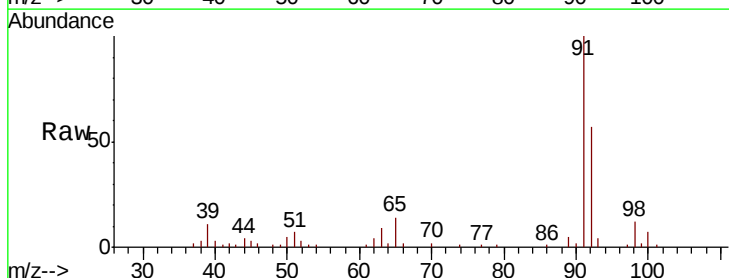


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

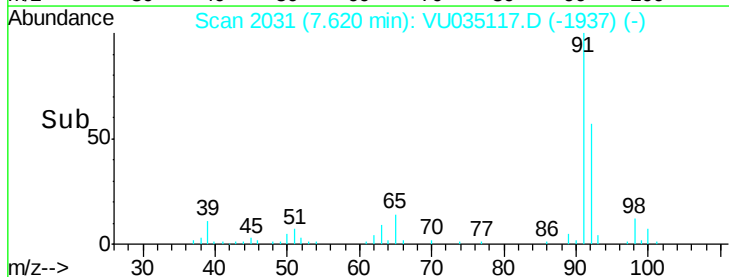
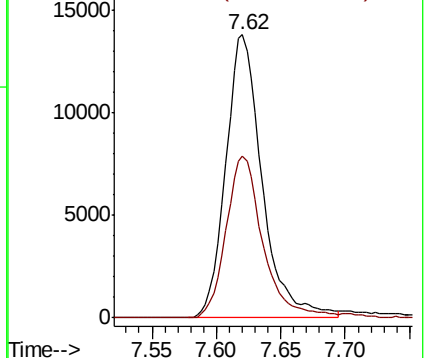


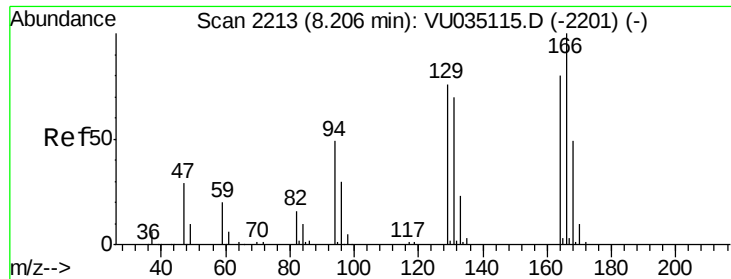
#42
 Toluene
 Concen: 0.480 ug/L
 RT: 7.62 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VU035117.D
 Acq: 12 Oct 2019 03:16

Tgt Ion: 91 Resp: 27044
 Ion Ratio Lower Upper
 91 100
 92 57.1 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0





#47
 Tetrachloroethene
 Concen: 13.414 ug/L
 RT: 8.21 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: VU035117.D
 Acq: 12 Oct 2019 03:16

Instrument :
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 RB-2-191003-01

Tot Ion	Ratio	Resp Lower	Resp Upper
164	100		
129	97.6	68.5	127.1
131	90.2	67.3	124.9
166	126.1	93.1	172.9

Manual Integrations
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