

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\U121019\
 Data File : VU036079.D
 Acq On : 10 Dec 2019 13:00
 Operator : JC/MD
 Sample : K6132-19DL 2X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQW0DL

Manual Integrations
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Quant Time: Dec 17 03:39:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 06:27:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	347460	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	373270	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	132618	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	146398	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.93	69	127992	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.59	63	159786	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	4.69	46	279417	52.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.90%
24) Chloroform-d	5.11	84	228876	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.75	65	118815	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.77	84	445458	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.73	67	139737	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.93	98	354817	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	8.21	79	52569	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.68	63	224785	52.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.62%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	122502	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	124257	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	116077	3.336	ug/L	# 27
8) Chloroethane	1.95	64	33356m	1.260	ug/L	
13) Acetone	2.67	43	49972	7.460	ug/L	100
19) 1,1-Dichloroethane	3.92	63	306289	6.614	ug/L	99
21) 2-Butanone	4.77	43	20259	3.021	ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	271149	10.013	ug/L	98
25) Chloroform	5.14	83	34339	0.665	ug/L	87
29) 1,1,1-Trichloroethane	5.36	97	118417	2.815	ug/L	99
33) Benzene	5.82	78	65680	0.644	ug/L	100

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

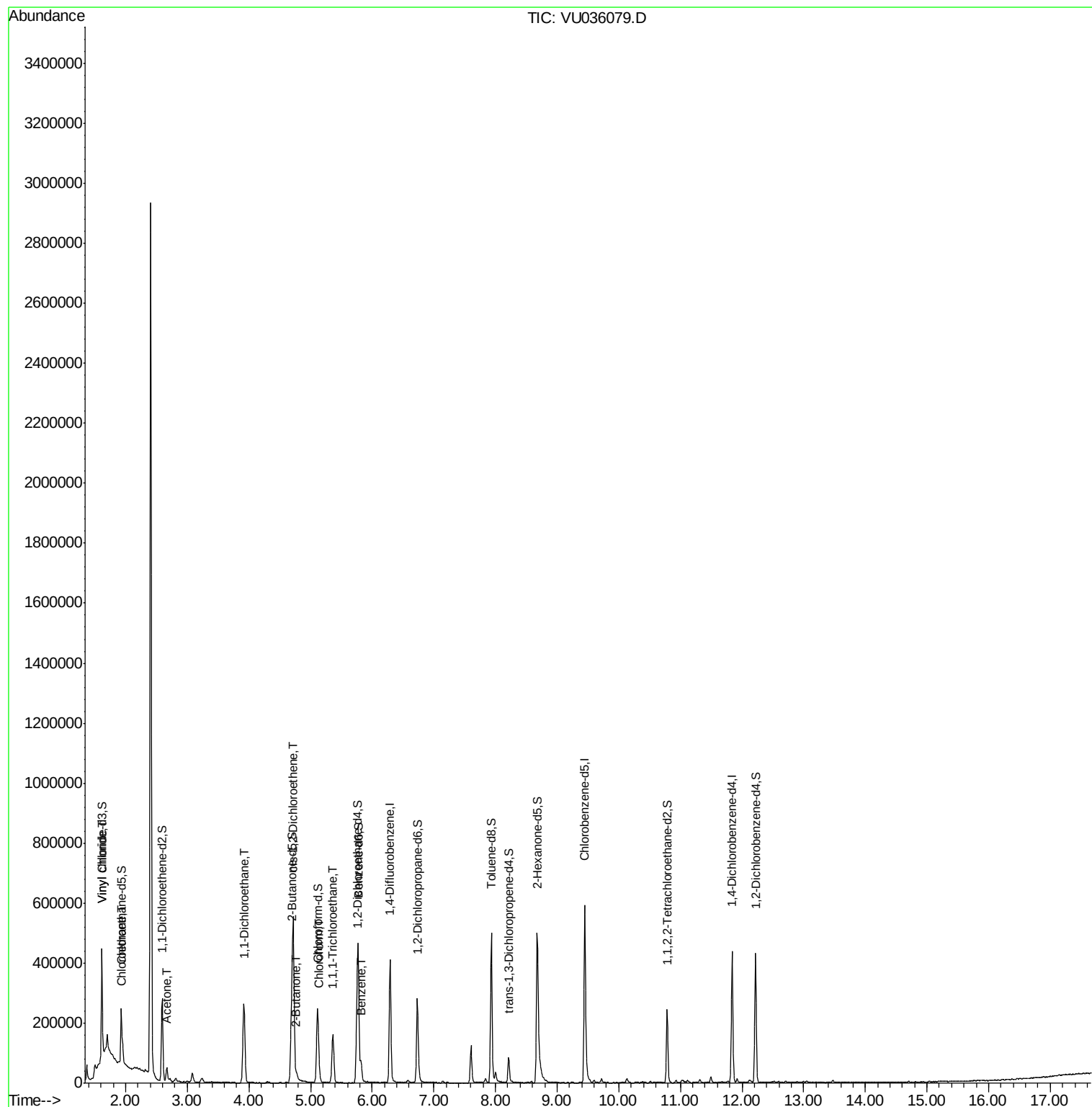
Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU121019\
Data File : VU036079.D
Acq On : 10 Dec 2019 13:00
Operator : JC/MD
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Misc : 25.0mL/MSVOA U/WATER
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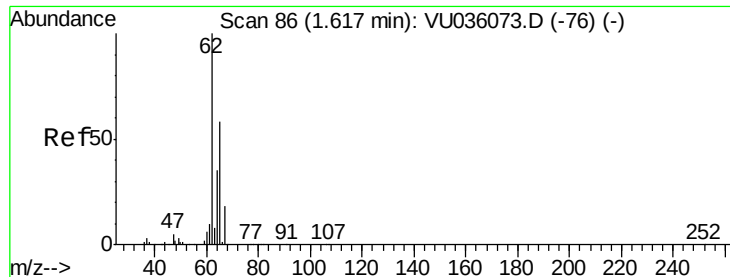
Instrument :
MSVOA_U
ClientSampleId :
BFQW0DL

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Quant Time: Dec 17 03:39:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 06:27:41 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.336 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU036079.D

Acq: 10 Dec 2019 13:00

Instrument :

MSVOA_U

ClientSampleID :

BFQW0DL

Tot Ion: 62 Resp: 116077

Ion Ratio Lower Upper

62 100

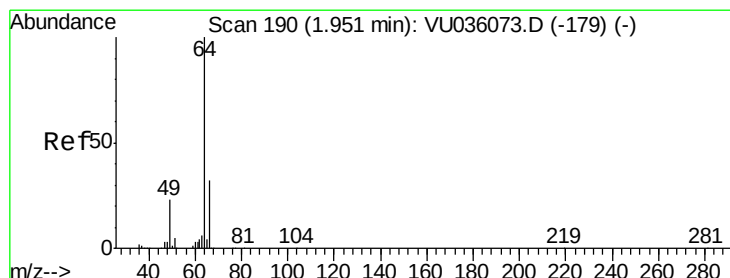
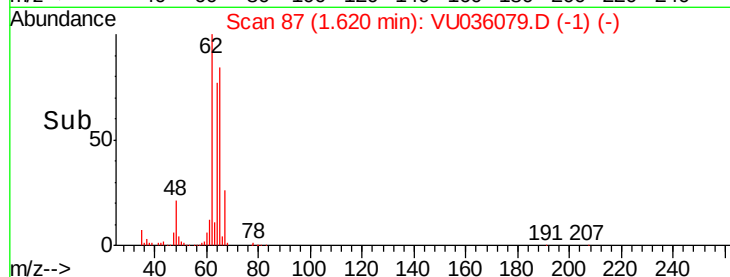
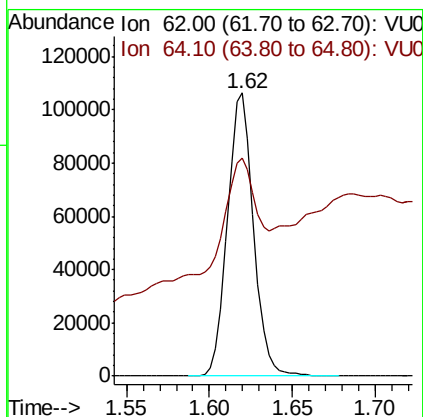
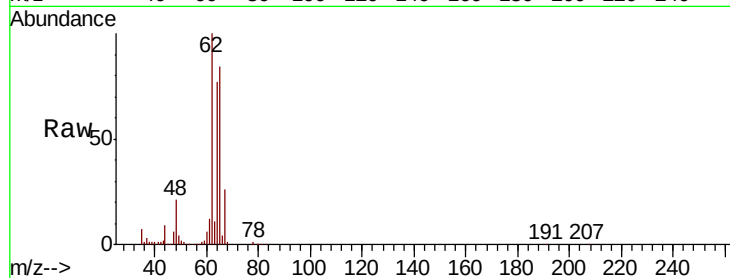
64 77.0 24.3 45.1#

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#8

Chloroethane

Concen: 1.260 ug/L m

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU036079.D

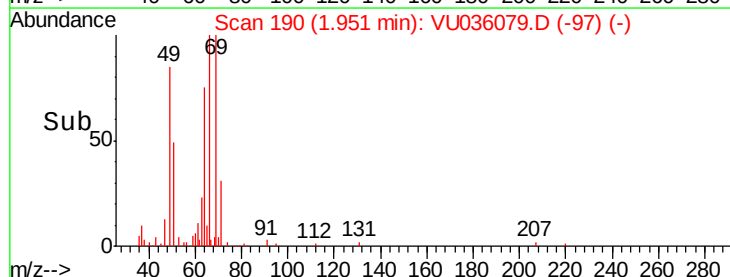
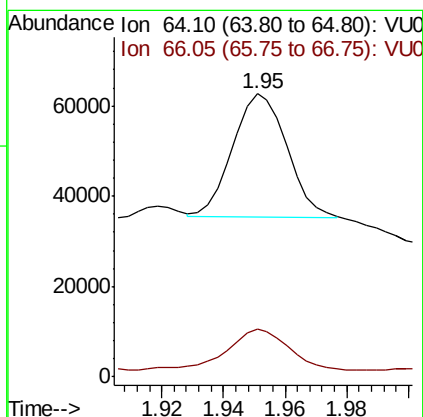
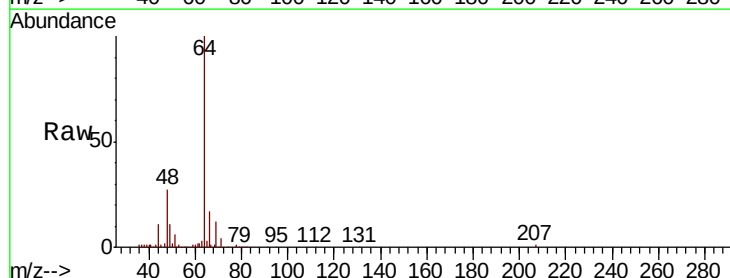
Acq: 10 Dec 2019 13:00

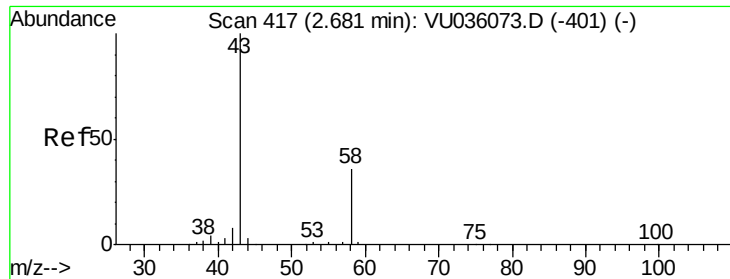
Tgt Ion: 64 Resp: 33356

Ion Ratio Lower Upper

64 100

66 17.1 21.5 39.9#





#13

Acetone

Concen: 7.460 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU036079.D

Acq: 10 Dec 2019 13:00

Instrument :

MSVOA_U

ClientSampleId :

BFQW0DL

Tot Ion: 43 Resp: 49972

Ion Ratio Lower Upper

43 100

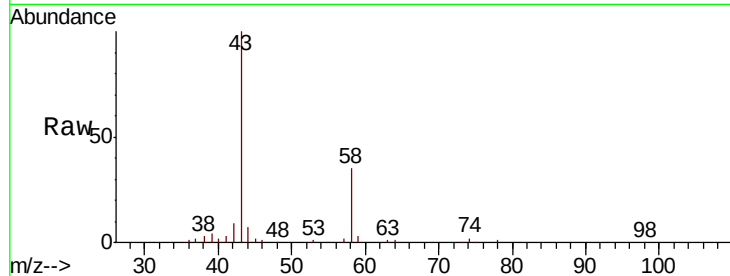
58 37.2 0.0 74.2

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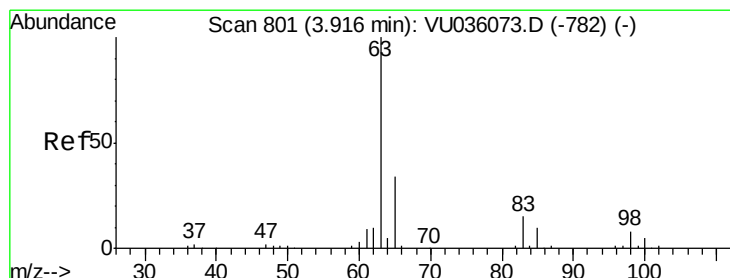
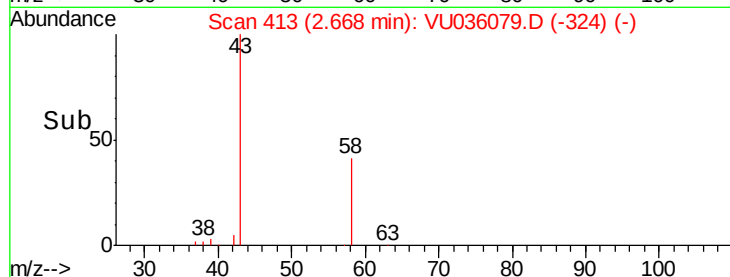
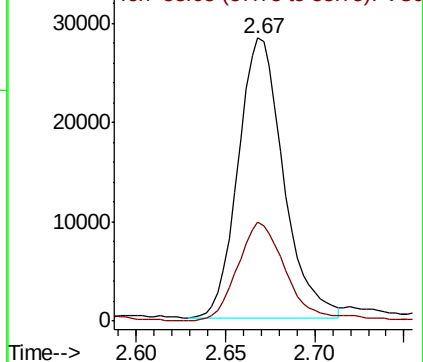
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Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#19

1,1-Dichloroethane

Concen: 6.614 ug/L

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU036079.D

Acq: 10 Dec 2019 13:00

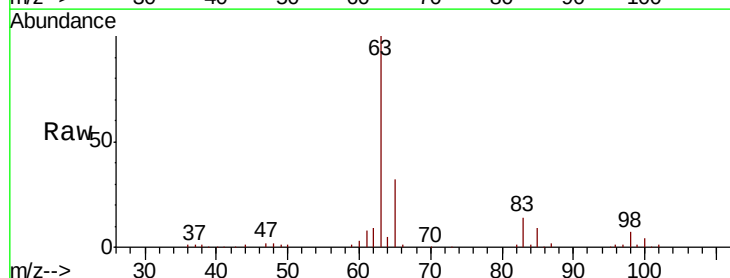
Tgt Ion: 63 Resp: 306289

Ion Ratio Lower Upper

63 100

65 31.6 21.8 40.4

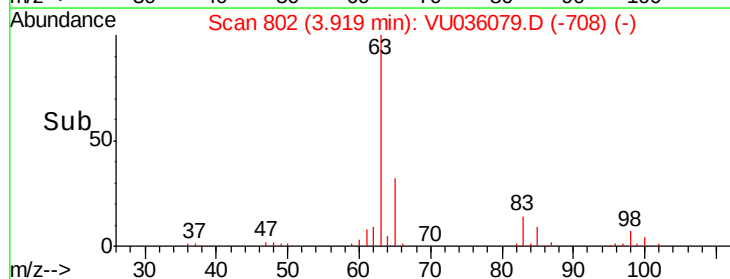
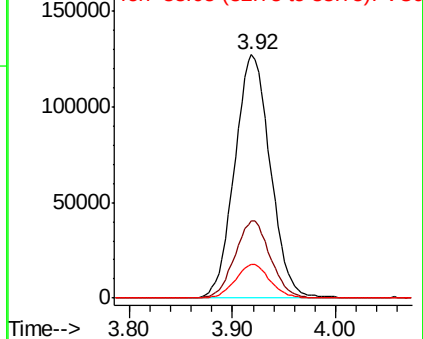
83 13.9 10.1 18.9

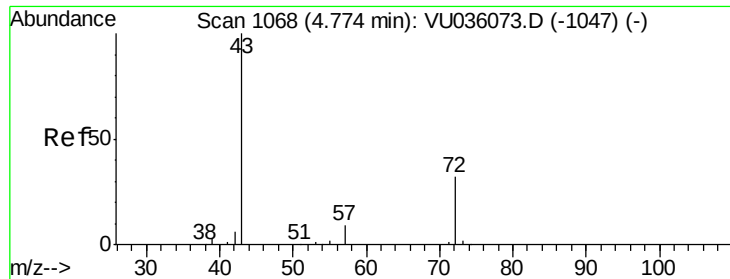


Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0





#21

2-Butanone

Concen: 3.021 ug/L

RT: 4.77 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VU036079.D

Acq: 10 Dec 2019 13:00

Instrument :

MSVOA_U

ClientSampleId :

BFQW0DL

Tot Ion: 43 Resp: 20259

Ion Ratio Lower Upper

43 100

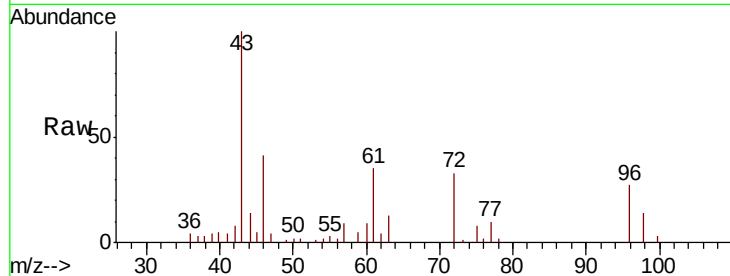
72 30.2 15.0 45.0

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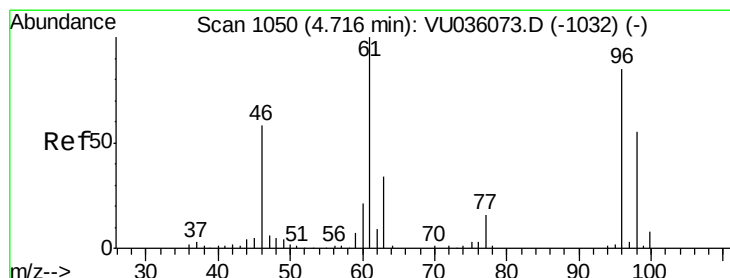
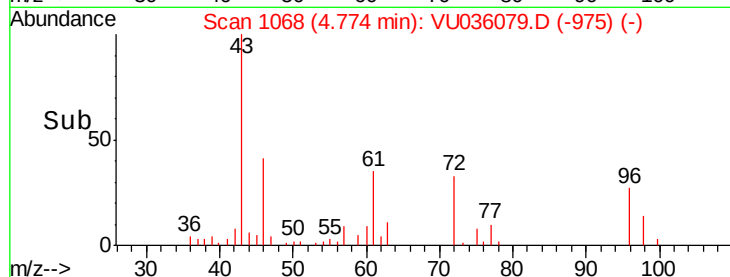
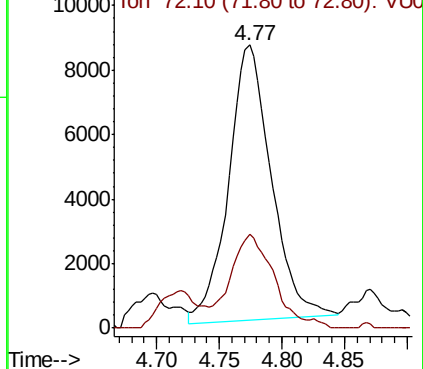
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Abundance Ion 43.05 (42.75 to 43.75): VU036079.D (-975) (-)



#22

cis-1,2-Dichloroethene

Concen: 10.013 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU036079.D

Acq: 10 Dec 2019 13:00

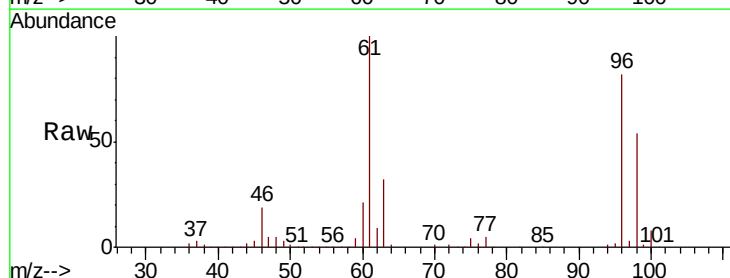
Tgt Ion: 96 Resp: 271149

Ion Ratio Lower Upper

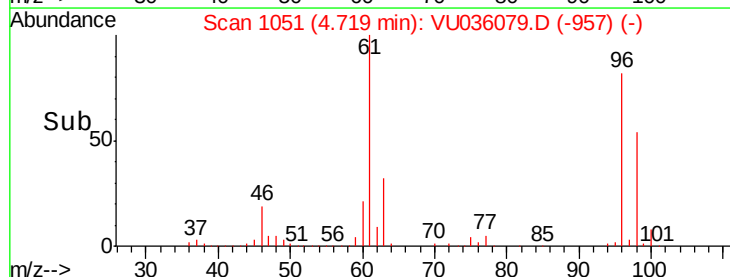
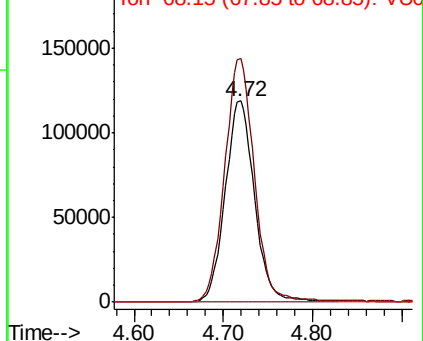
96 100

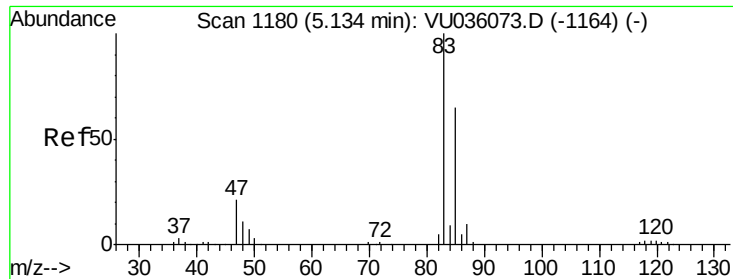
61 121.2 83.0 154.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036079.D (-957) (-)





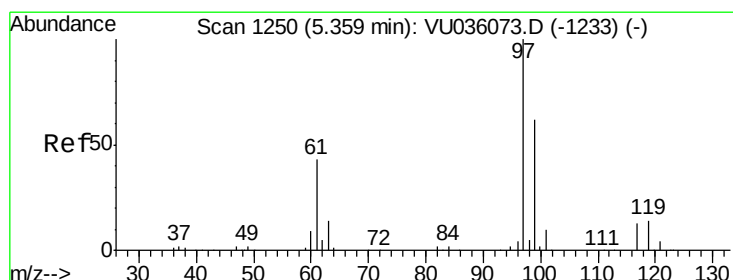
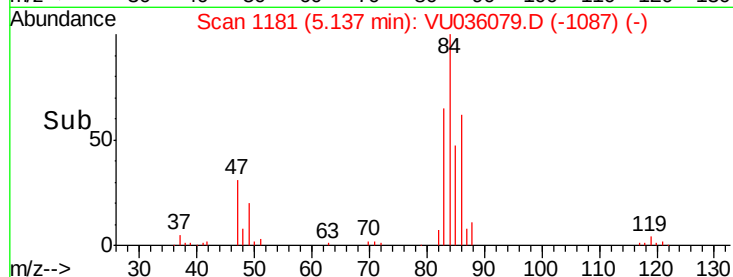
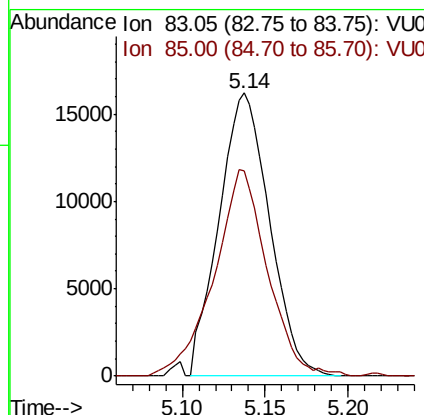
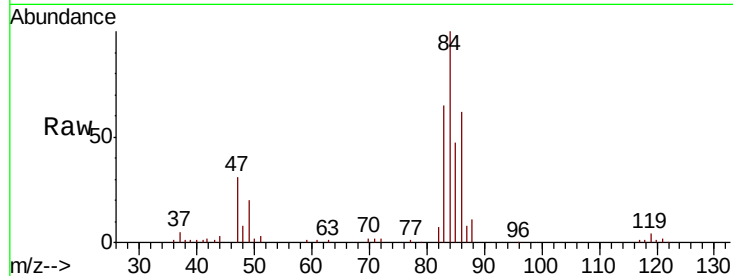
#25
Chloroform
Concen: 0.665 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Instrument :
MSVOA_U
ClientSampled :
BFQW0DL

Tot Ion: 83 Resp: 34339
Ion Ratio Lower Upper
83 100
85 72.4 43.9 81.5

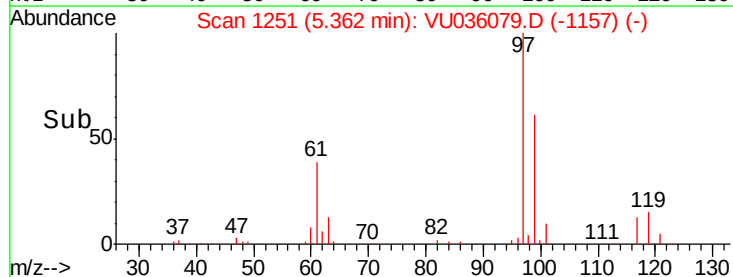
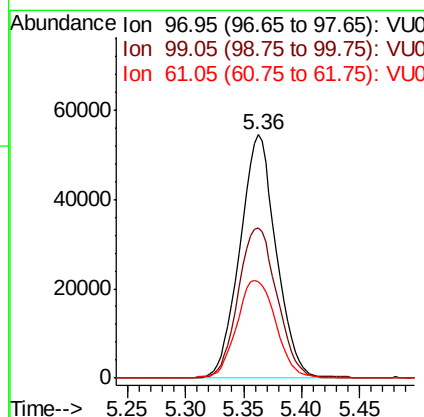
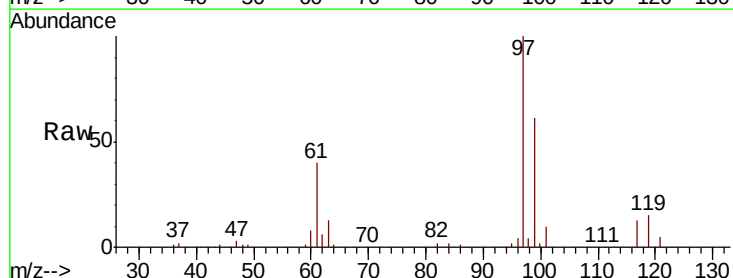
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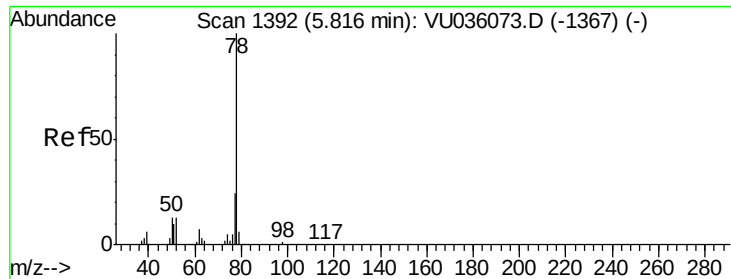
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#29
1,1,1-Trichloroethane
Concen: 2.815 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Tgt Ion: 97 Resp: 118417
Ion Ratio Lower Upper
97 100
99 66.3 52.2 78.2
61 43.3 34.7 52.1





#33
Benzene
Concen: 0.644 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU036079.D
Acq: 10 Dec 2019 13:00

Instrument :
MSVOA_U
ClientSampleId :
BFQW0DL

Tgt Ion: 78 Resp: 65680

Manual Integrations
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