

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035081.D
 Acq On : 11 Oct 2019 11:35
 Operator : JC/SP
 Sample : K5310-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 IW-2-001-02

Manual Integrations
 APPROVED

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 10/15/2019 6:05:27 AM

Quant Time: Oct 12 02:12:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 12 01:49:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	156369	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	160144	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	69475	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	37647	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.67	69	37598	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.26	63	55188	2.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.60%#
20) 2-Butanone-d5	4.19	46	173318	63.67	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.34%
24) Chloroform-d	4.62	84	92675	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.29	65	52235	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.31	84	168868	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.31	67	63849	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.55	98	141568	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	7.84	79	19366	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.30	63	125554	58.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.86%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	59433	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	61798	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	144955	9.414	ug/L	99
14) Carbon disulfide	2.59	76	239599m	7.168	ug/L	
18) trans-1,2-Dichloroethene	2.96	96	158747	14.761	ug/L	91
22) cis-1,2-Dichloroethene	4.20	96	11218	0.935	ug/L	87
34) Trichloroethene	6.17	95	7917	0.636	ug/L	98
42) Toluene	7.62	91	13247	0.263	ug/L	97
47) Tetrachloroethene	8.21	164	3773	0.375	ug/L	93
51) Chlorobenzene	9.10	112	68720	2.106	ug/L	97
62) 1,3-Dichlorobenzene	11.40	146	2410	0.113	ug/L	80

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

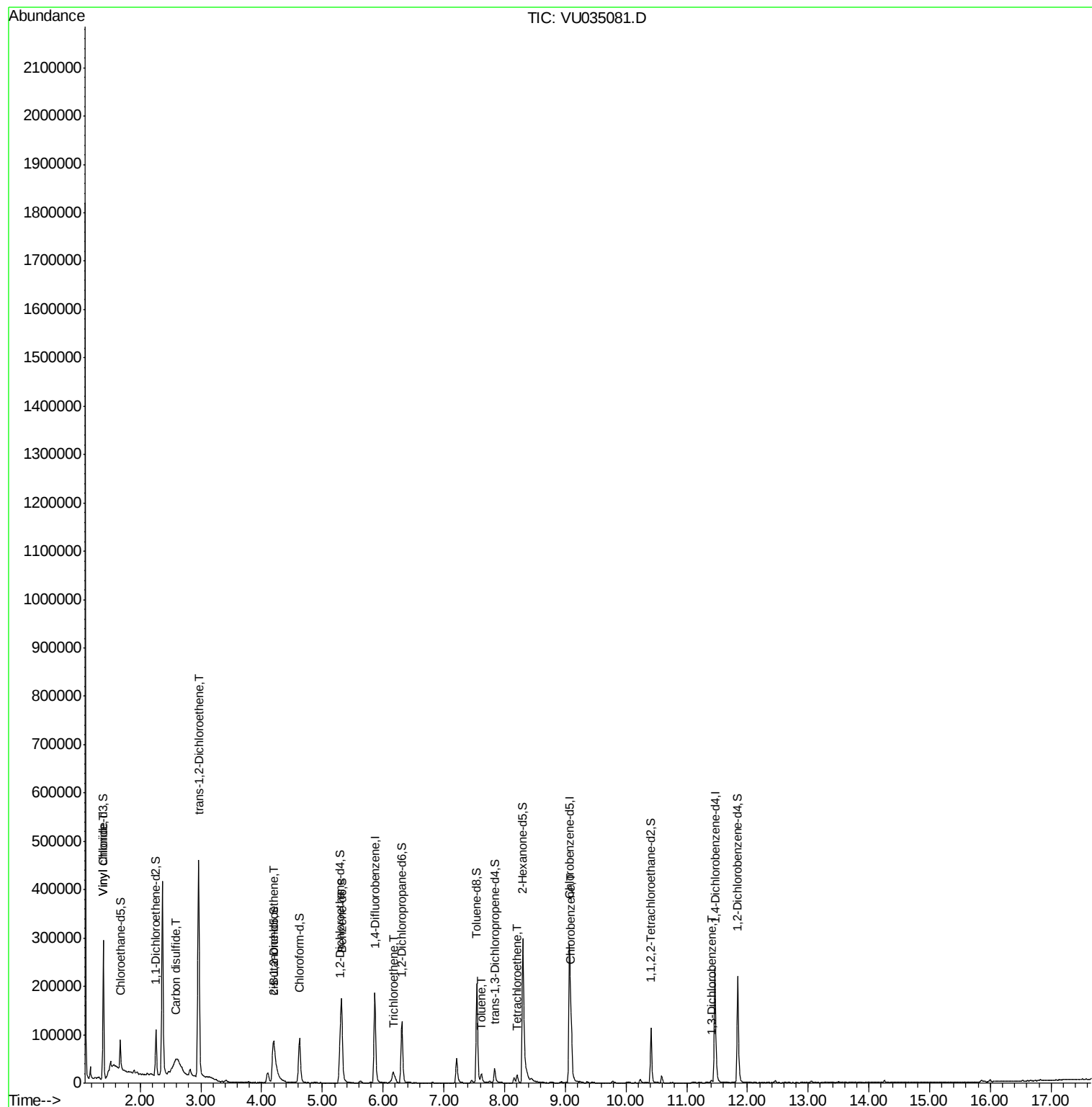
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101219\
Data File : VU035081.D
Acq On : 11 Oct 2019 11:35
Operator : JC/SP
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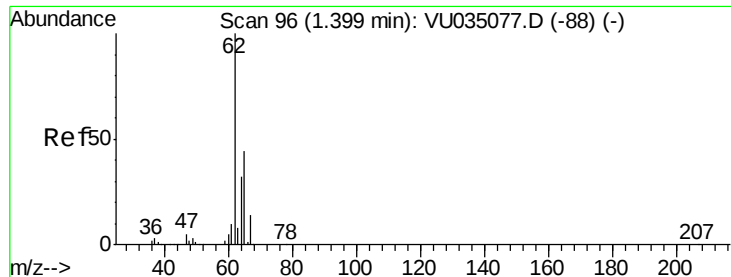
Instrument :
MSVOA_U
ClientSampleId :
IW-2-001-02

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 01:49:52 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 9.414 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

Lab File: VU035081.D

Acq: 11 Oct 2019 11:35

Instrument :

MSVOA_U

ClientSampleId :

IW-2-001-02

Tot Ion: 62 Resp: 144955

Ion Ratio Lower Upper

62 100

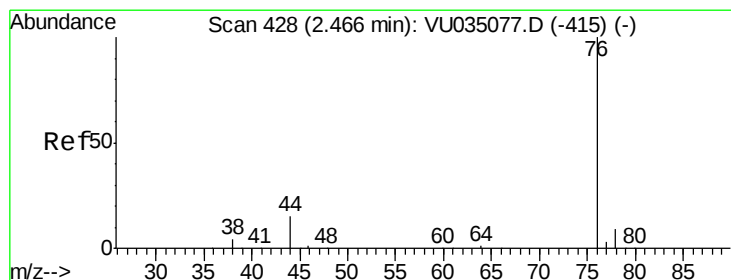
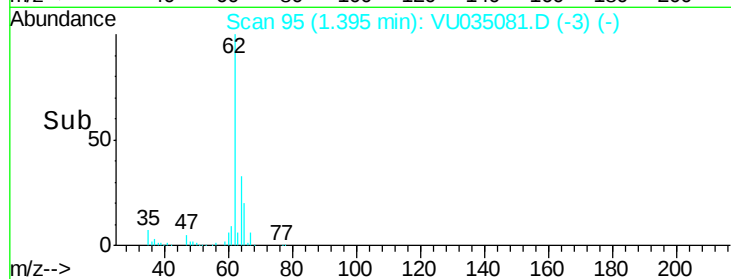
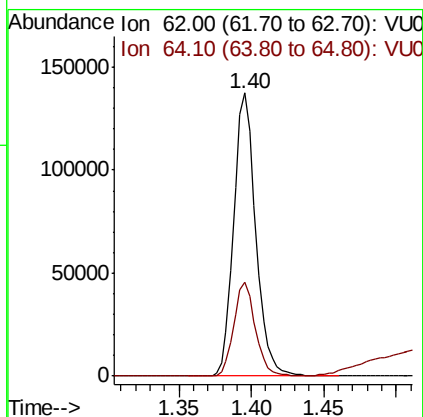
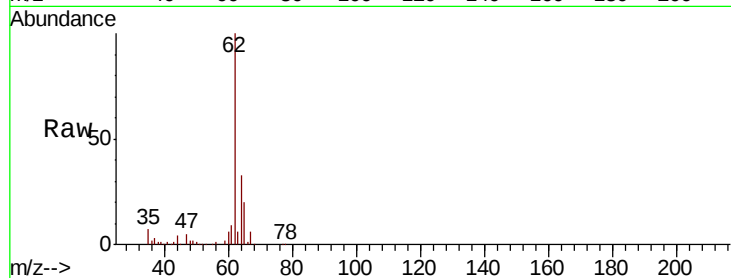
64 33.1 22.8 42.4

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#14

Carbon disulfide

Concen: 7.168 ug/L m

RT: 2.59 min Scan# 465

Delta R.T. 0.12 min

Lab File: VU035081.D

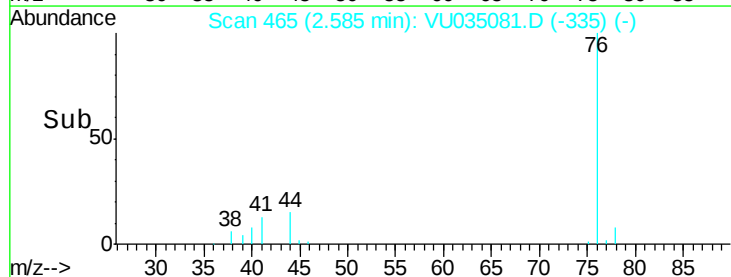
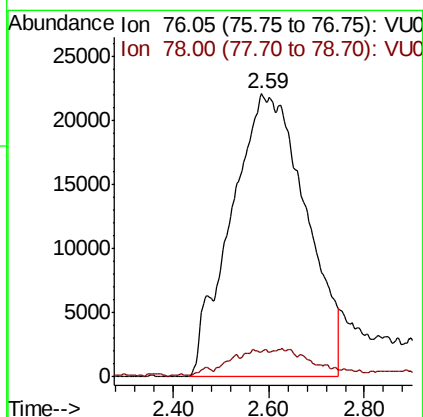
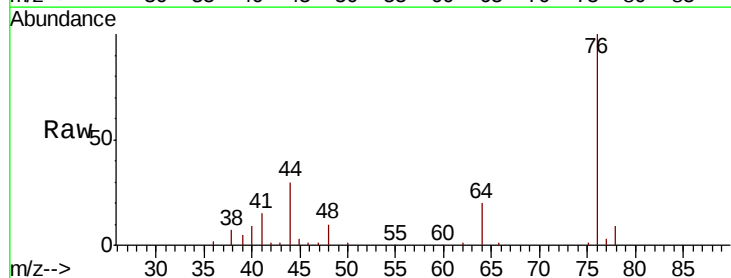
Acq: 11 Oct 2019 11:35

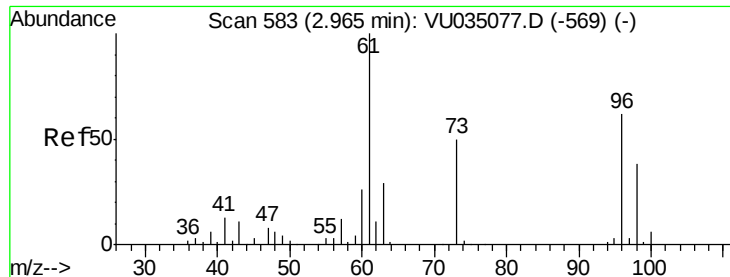
Tgt Ion: 76 Resp: 239599

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7





#18

trans-1,2-Dichloroethene

Concen: 14.761 ug/L

RT: 2.96 min Scan# 582

Delta R.T. -0.00 min

Lab File: VU035081.D

Acq: 11 Oct 2019 11:35

Instrument :

MSVOA_U

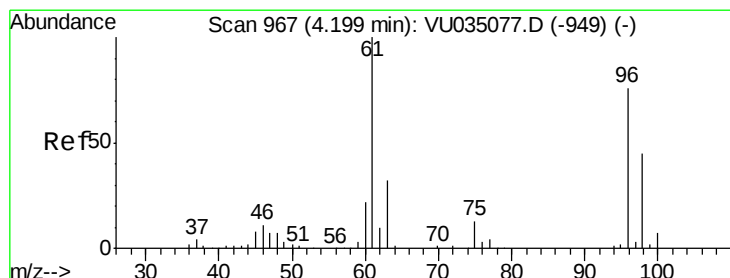
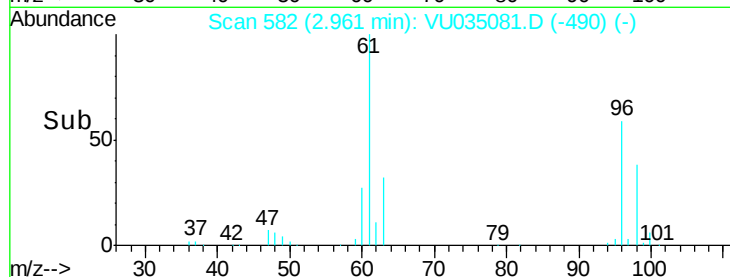
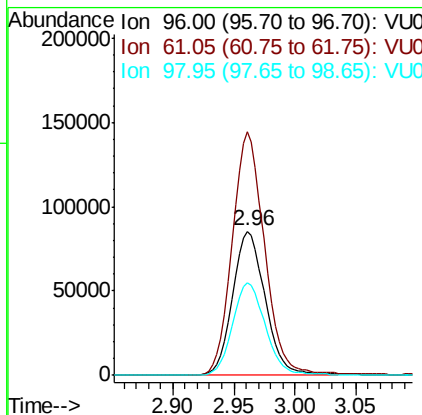
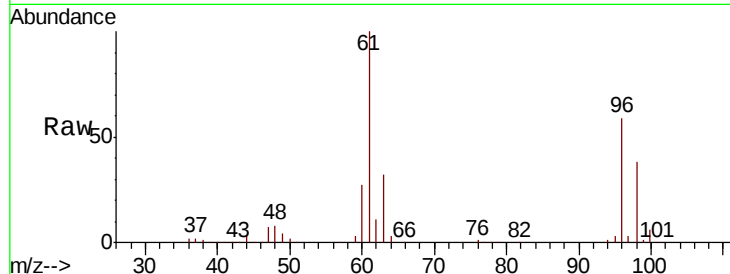
ClientSampleId :

IW-2-001-02

Tot Ion:	96	Resp:	158747
Ion	Ratio	Lower	Upper
96	100		
61	169.2	107.1	198.9
98	64.4	45.4	84.4

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#22

cis-1,2-Dichloroethene

Concen: 0.935 ug/L

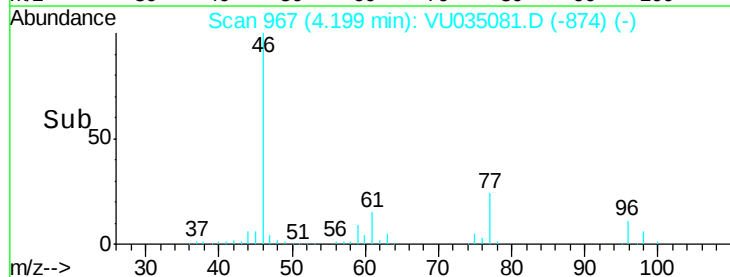
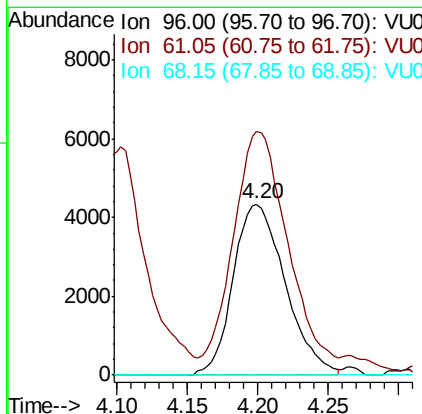
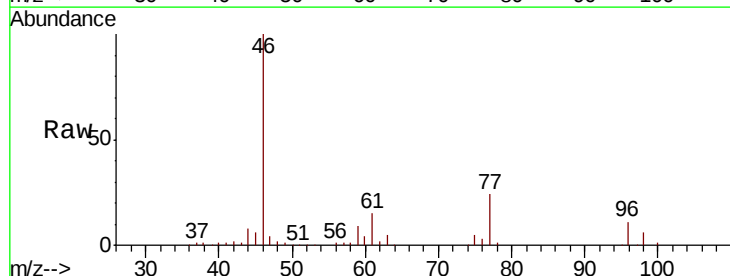
RT: 4.20 min Scan# 967

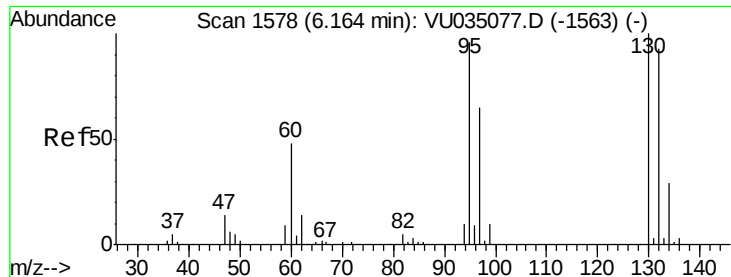
Delta R.T. -0.00 min

Lab File: VU035081.D

Acq: 11 Oct 2019 11:35

Tgt Ion:	96	Resp:	11218
Ion	Ratio	Lower	Upper
96	100		
61	142.6	89.2	165.6
68	0.0	0.0	0.0





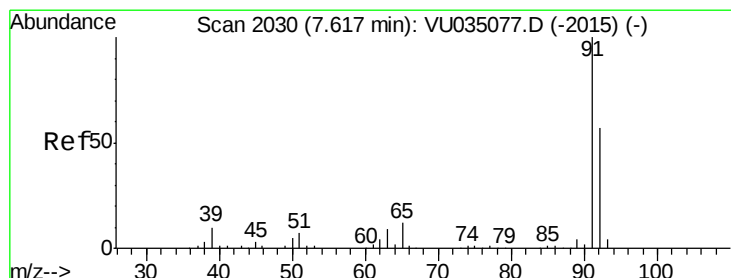
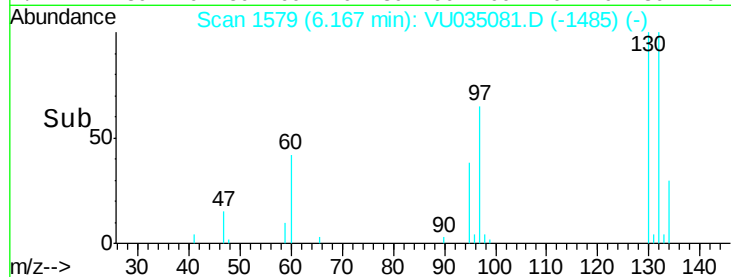
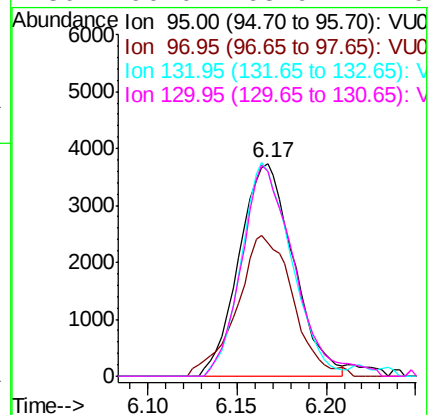
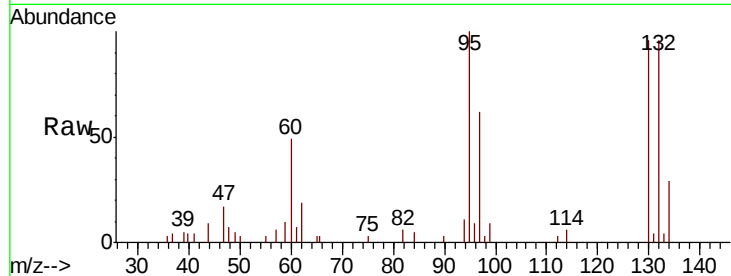
#34
 Trichloroethene
 Concen: 0.636 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU035081.D
 Acq: 11 Oct 2019 11:35

Instrument :
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 IW-2-001-02

Tot Ion	95	Resp	7917
Ion	Ratio	Lower	Upper
95	100		
97	62.4	44.5	82.7
132	96.4	66.6	123.8
130	96.0	68.9	127.9

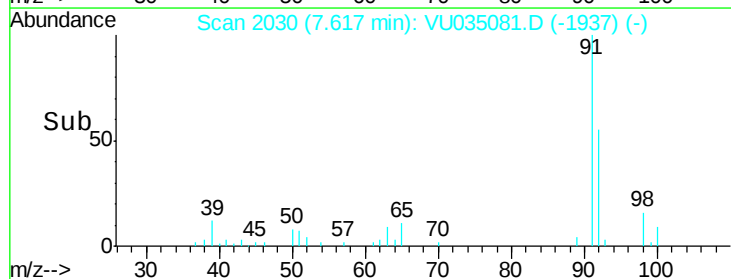
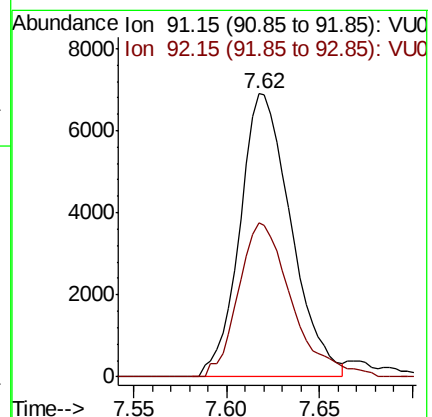
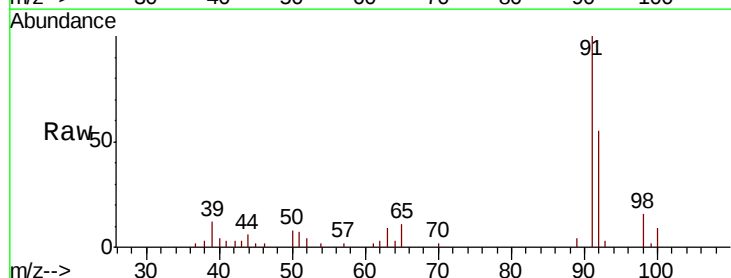
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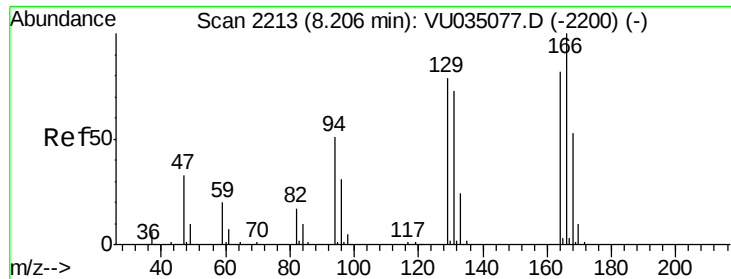
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#42
 Toluene
 Concen: 0.263 ug/L
 RT: 7.62 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VU035081.D
 Acq: 11 Oct 2019 11:35

Tgt Ion	91	Resp	13247
Ion	Ratio	Lower	Upper
91	100		
92	54.5	40.0	74.2





#47

Tetrachloroethene

Concen: 0.375 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU035081.D

Acq: 11 Oct 2019 11:35

Instrument :

MSVOA_U

ClientSampleId :

IW-2-001-02

Tot Ion:164 Resp: 3773

Ion Ratio Lower Upper

164 100

129 111.6 68.5 127.1

131 102.2 67.3 124.9

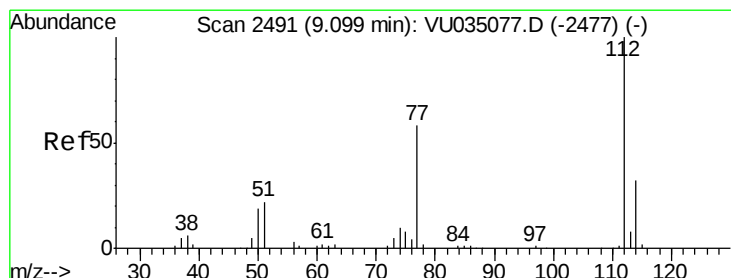
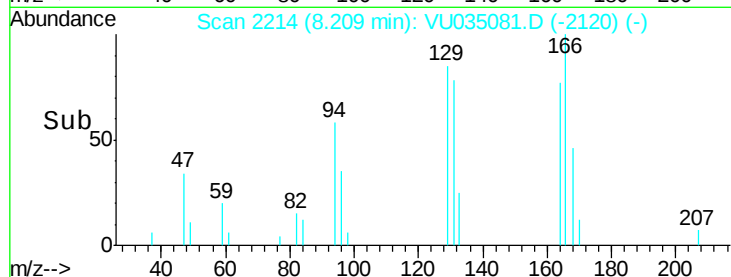
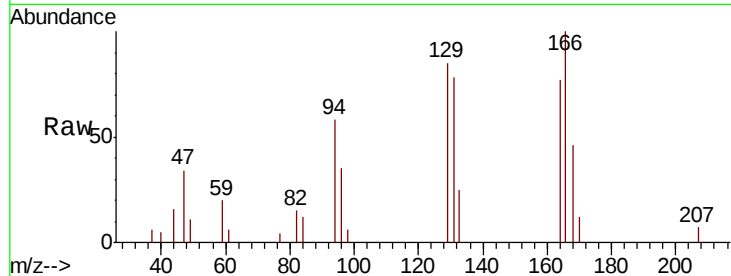
166 130.6 93.1 172.9

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#51

Chlorobenzene

Concen: 2.106 ug/L

RT: 9.10 min Scan# 2491

Delta R.T. -0.00 min

Lab File: VU035081.D

Acq: 11 Oct 2019 11:35

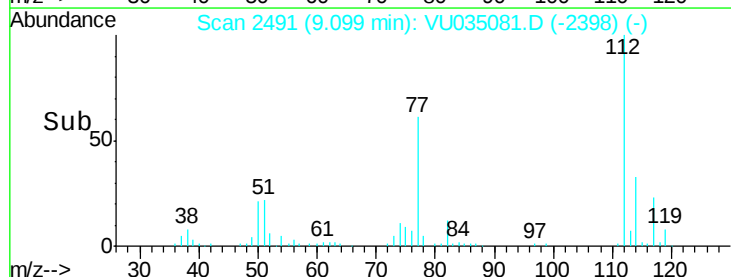
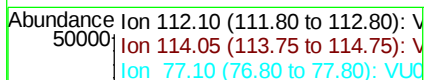
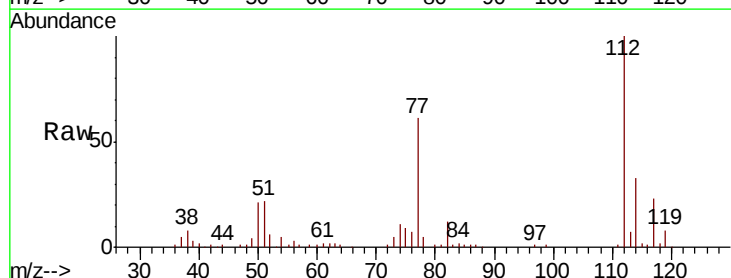
Tgt Ion:112 Resp: 68720

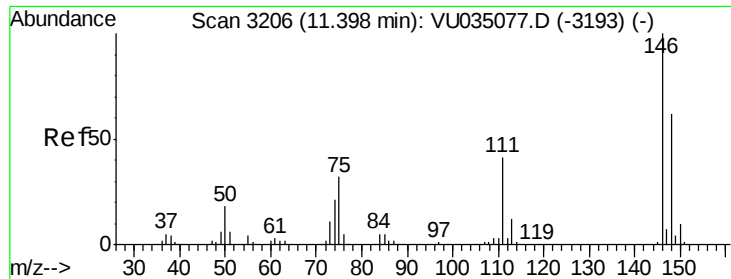
Ion Ratio Lower Upper

112 100

114 33.3 22.1 41.1

77 61.2 46.9 70.3





#62
 1,3-Dichlorobenzene
 Concen: 0.113 ug/L
 RT: 11.40 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU035081.D
 Acq: 11 Oct 2019 11:35

Instrument :
 MSVOA_U
 ClientSampleId :
 IW-2-001-02

Tot Ion	Ratio	Lower	Upper
146	100		
111	49.4	28.6	53.2
148	83.2	45.0	83.6

Manual Integrations
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 10/15/2019 6:05:27 AM

