

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035101.D
 Acq On : 11 Oct 2019 19:58
 Operator : JC/SP
 Sample : K5310-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 IW-2-001-01

Manual Integrations
 APPROVED

MMDadoda
 10/15/2019 6:05:53 AM

Quant Time: Oct 12 04:16:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 12 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	163487	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	170070	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	73605	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	57143	5.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.20%
7) Chloroethane-d5	1.67	69	51274	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.60%
11) 1,1-Dichloroethene-d2	2.26	63	79422	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.19	46	129918	45.65	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.30%
24) Chloroform-d	4.62	84	102641	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.60%
26) 1,2-Dichloroethane-d4	5.29	65	58345	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.31	84	196857	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.31	67	70087	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.55	98	171261	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.84	79	20479	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.30	63	121627	53.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.60%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58600	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	66021	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

					Ovalue
3) Chloromethane	1.32	50	2567	0.157 ug/L	95
5) Vinyl chloride	1.40	62	143812	8.933 ug/L	99
14) Carbon disulfide	2.65	76	95972m	2.746 ug/L	
18) trans-1,2-Dichloroethene	2.96	96	156326	13.903 ug/L	92
22) cis-1,2-Dichloroethene	4.20	96	10281	0.820 ug/L	80
42) Toluene	7.62	91	11098	0.208 ug/L	90
51) Chlorobenzene	9.10	112	65976	1.904 ug/L	96

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

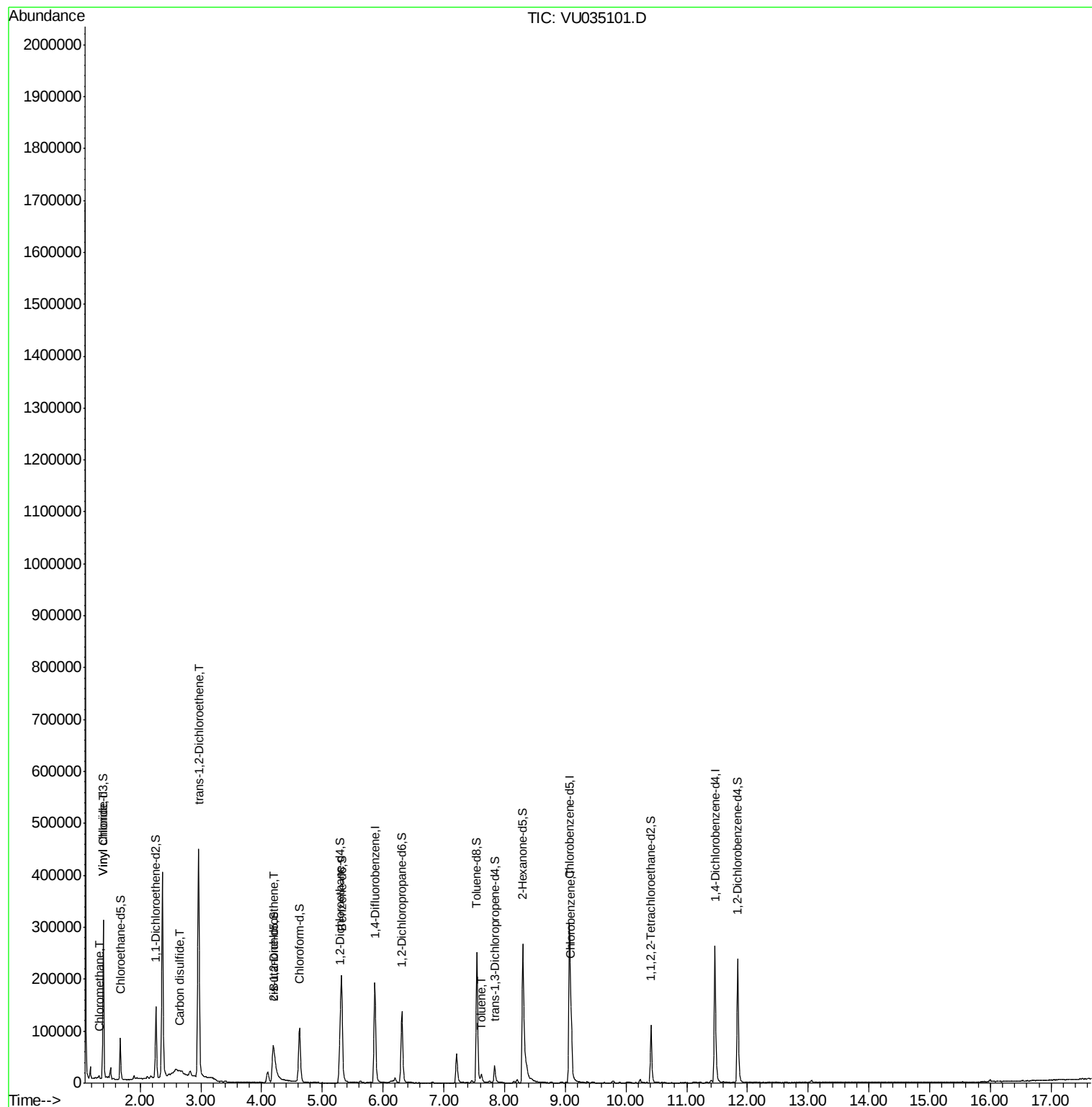
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101219\
Data File : VU035101.D
Acq On : 11 Oct 2019 19:58
Operator : JC/SP
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ALS Vial : 26 Sample Multiplier: 1

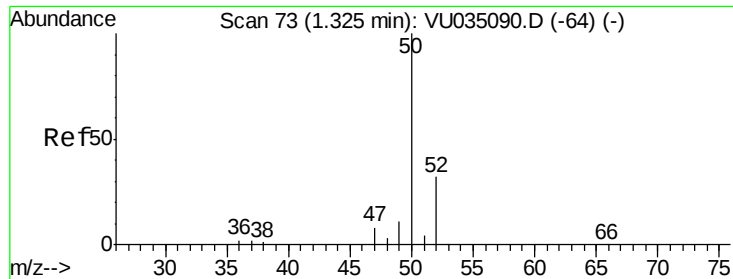
Instrument :
MSVOA_U
ClientSampleId :
IW-2-001-01

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 02:39:23 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.157 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU035101.D

Acq: 11 Oct 2019 19:58

Instrument :

MSVOA_U

ClientSampled :

IW-2-001-01

Tot Ion: 50 Resp: 2567

Ion Ratio Lower Upper

50 100

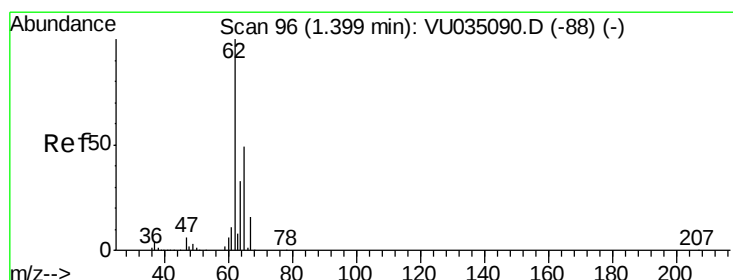
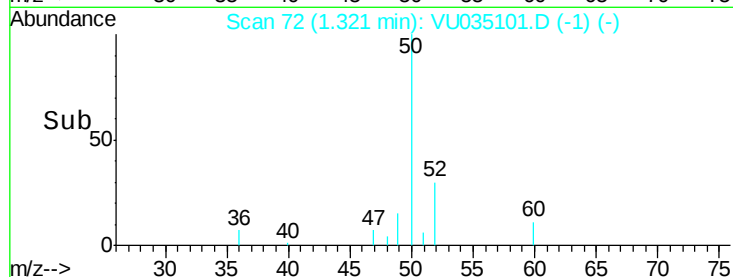
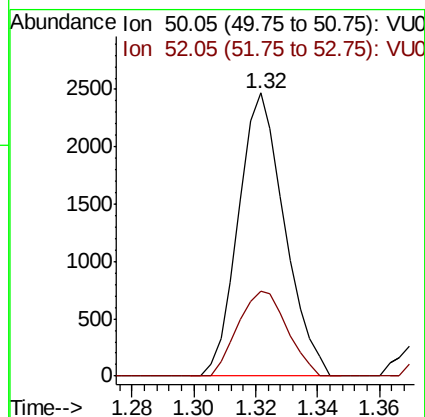
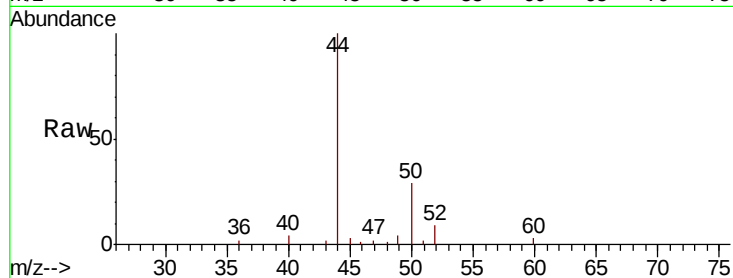
52 30.3 23.3 43.3

Manual Integrations

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#5

Vinyl chloride

Concen: 8.933 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

Lab File: VU035101.D

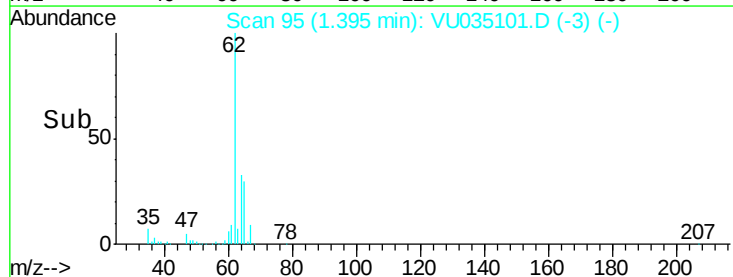
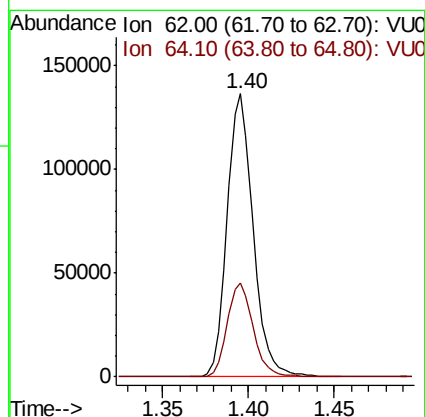
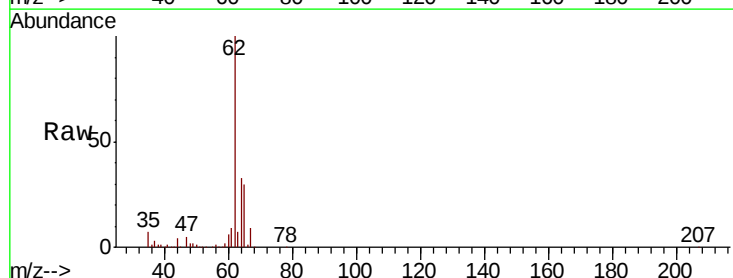
Acq: 11 Oct 2019 19:58

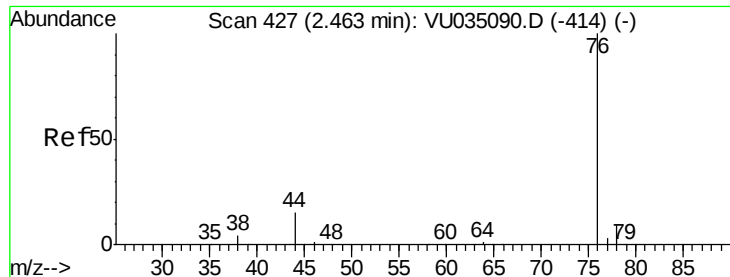
Tgt Ion: 62 Resp: 143812

Ion Ratio Lower Upper

62 100

64 33.4 22.8 42.4





#14

Carbon disulfide

Concen: 2.746 ug/L m

RT: 2.65 min Scan# 484

Delta R.T. 0.18 min

Lab File: VU035101.D

Acq: 11 Oct 2019 19:58

Instrument :

MSVOA_U

ClientSampleId :

IW-2-001-01

Tot Ion: 76 Resp: 95972

Ion Ratio Lower Upper

76 100

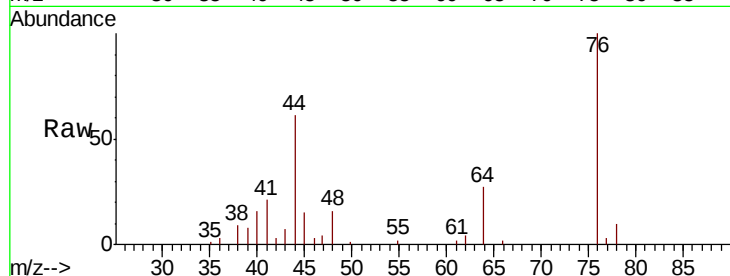
78 9.9 7.1 10.7

Manual Integrations

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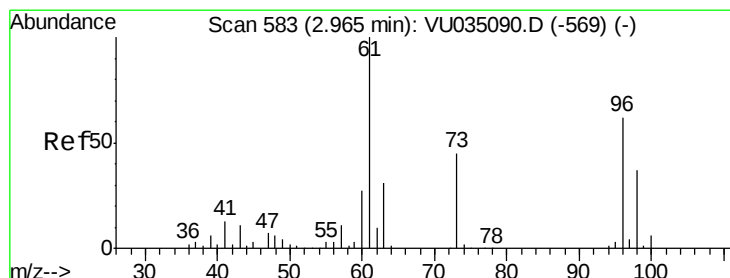
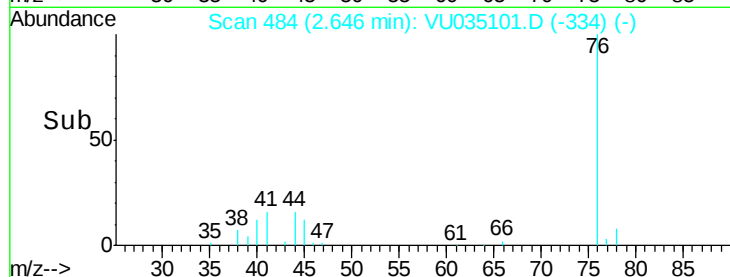
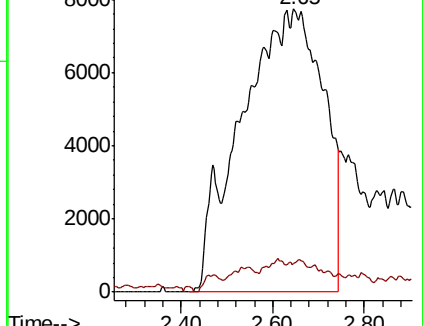
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Abundance Ion 76.05 (75.75 to 76.75): VU035101.D (-334) (-)

Ion 78.00 (77.70 to 78.70): VU035101.D (-334) (-)



#18

trans-1,2-Dichloroethene

Concen: 13.903 ug/L

RT: 2.96 min Scan# 582

Delta R.T. -0.00 min

Lab File: VU035101.D

Acq: 11 Oct 2019 19:58

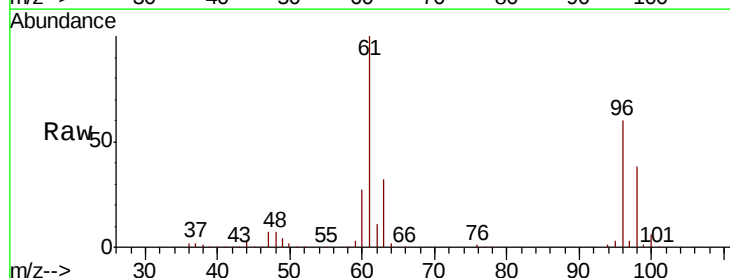
Tgt Ion: 96 Resp: 156326

Ion Ratio Lower Upper

96 100

61 166.2 107.1 198.9

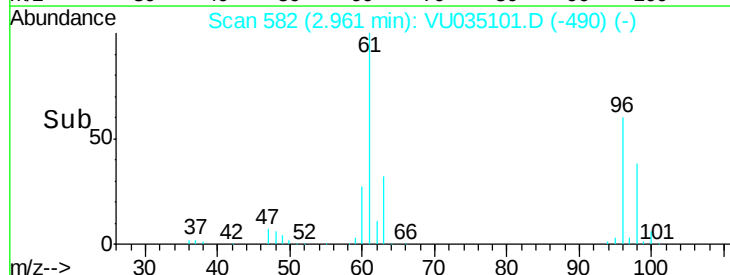
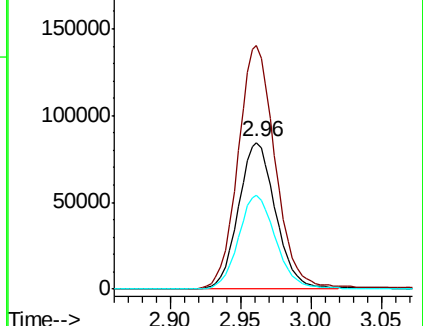
98 63.7 45.4 84.4

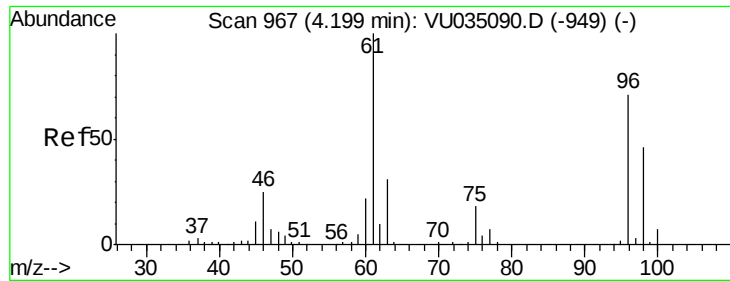


Abundance Ion 96.00 (95.70 to 96.70): VU035101.D (-490) (-)

Ion 61.05 (60.75 to 61.75): VU035101.D (-490) (-)

Ion 97.95 (97.65 to 98.65): VU035101.D (-490) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.820 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU035101.D

Acq: 11 Oct 2019 19:58

Instrument :

MSVOA_U

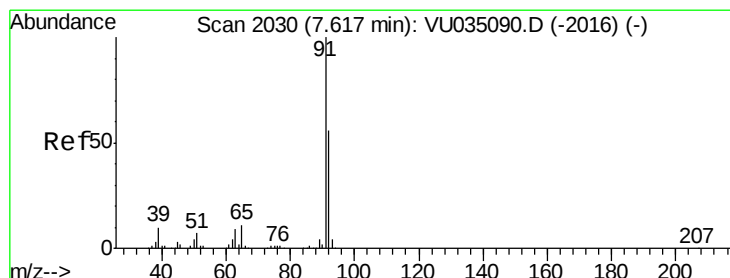
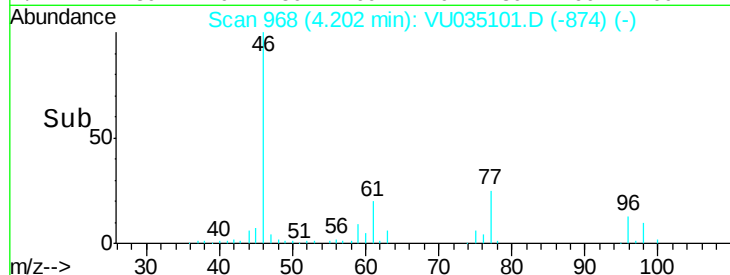
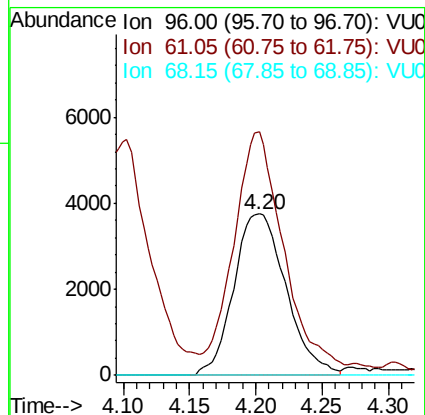
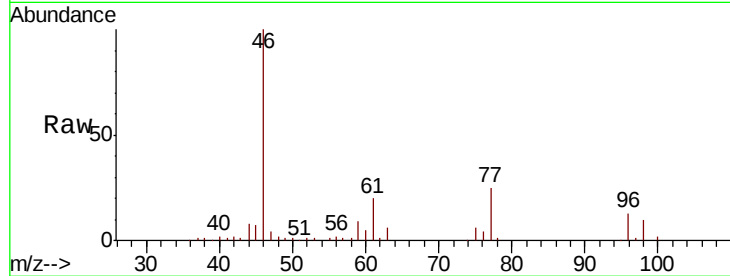
ClientSampleId :

IW-2-001-01

Tot Ion:	96	Resp:	10281
Ion	Ratio	Lower	Upper
96	100		
61	150.7	89.2	165.6
68	0.0	0.0	0.0

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#42

Toluene

Concen: 0.208 ug/L

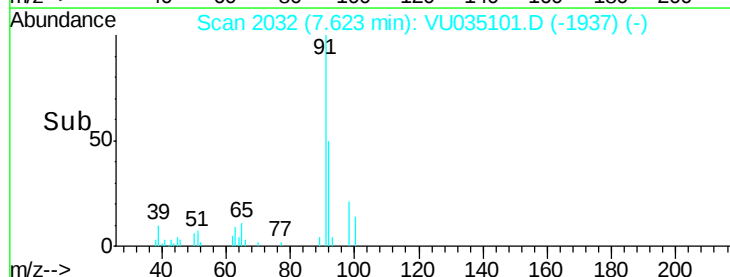
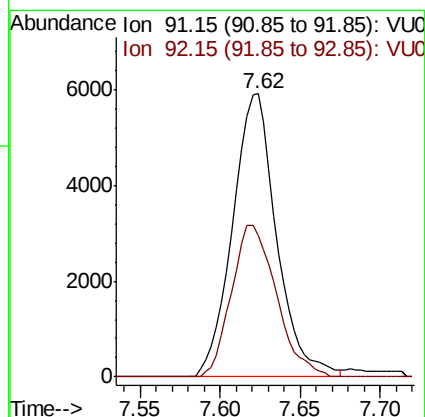
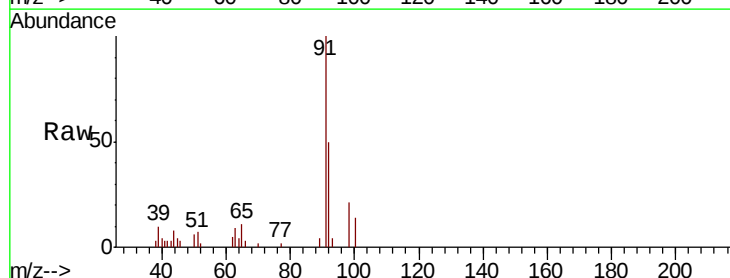
RT: 7.62 min Scan# 2032

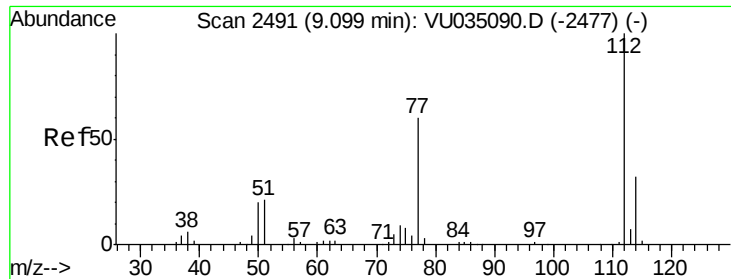
Delta R.T. 0.01 min

Lab File: VU035101.D

Acq: 11 Oct 2019 19:58

Tgt Ion:	91	Resp:	11098
Ion	Ratio	Lower	Upper
91	100		
92	50.1	40.0	74.2





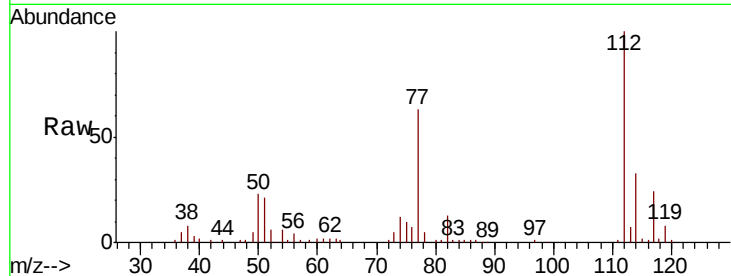
#51
 Chlorobenzene
 Concen: 1.904 ug/L
 RT: 9.10 min Scan# 2491
 Delta R.T. -0.00 min
 Lab File: VU035101.D
 Acq: 11 Oct 2019 19:58

Instrument :
 MSVOA_U
 ClientSampleId :
 IW-2-001-01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	65976		
114	32.7		22.1	41.1
77	62.6		46.9	70.3

Manual Integrations
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Abundance

Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0

