

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035099.D
 Acq On : 11 Oct 2019 19:09
 Operator : JC/SP
 Sample : K5310-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 10/15/2019 6:05:51 AM

Quant Time: Oct 12 04:11:08 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	163094	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	167802	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	74587	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	56671	5.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.60%
7) Chloroethane-d5	1.67	69	51024	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.40%
11) 1,1-Dichloroethene-d2	2.26	63	79321	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.19	46	131810	46.43	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.86%
24) Chloroform-d	4.62	84	102502	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.80%
26) 1,2-Dichloroethane-d4	5.29	65	56887	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.32	84	198087	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.31	67	69481	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.55	98	170884	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.84	79	19791	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.30	63	111688	49.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.22%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57638	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	64623	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

					Ovalue
3) Chloromethane	1.32	50	2196	0.134 ug/L	99
5) Vinyl chloride	1.40	62	145418	9.054 ug/L	99
14) Carbon disulfide	2.61	76	206359m	5.919 ug/L	
18) trans-1,2-Dichloroethene	2.96	96	159199	14.193 ug/L	92
22) cis-1,2-Dichloroethene	4.20	96	10894	0.871 ug/L	97
42) Toluene	7.62	91	13919	0.264 ug/L	93
51) Chlorobenzene	9.10	112	67002	1.960 ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	2560	0.111 ug/L	96

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

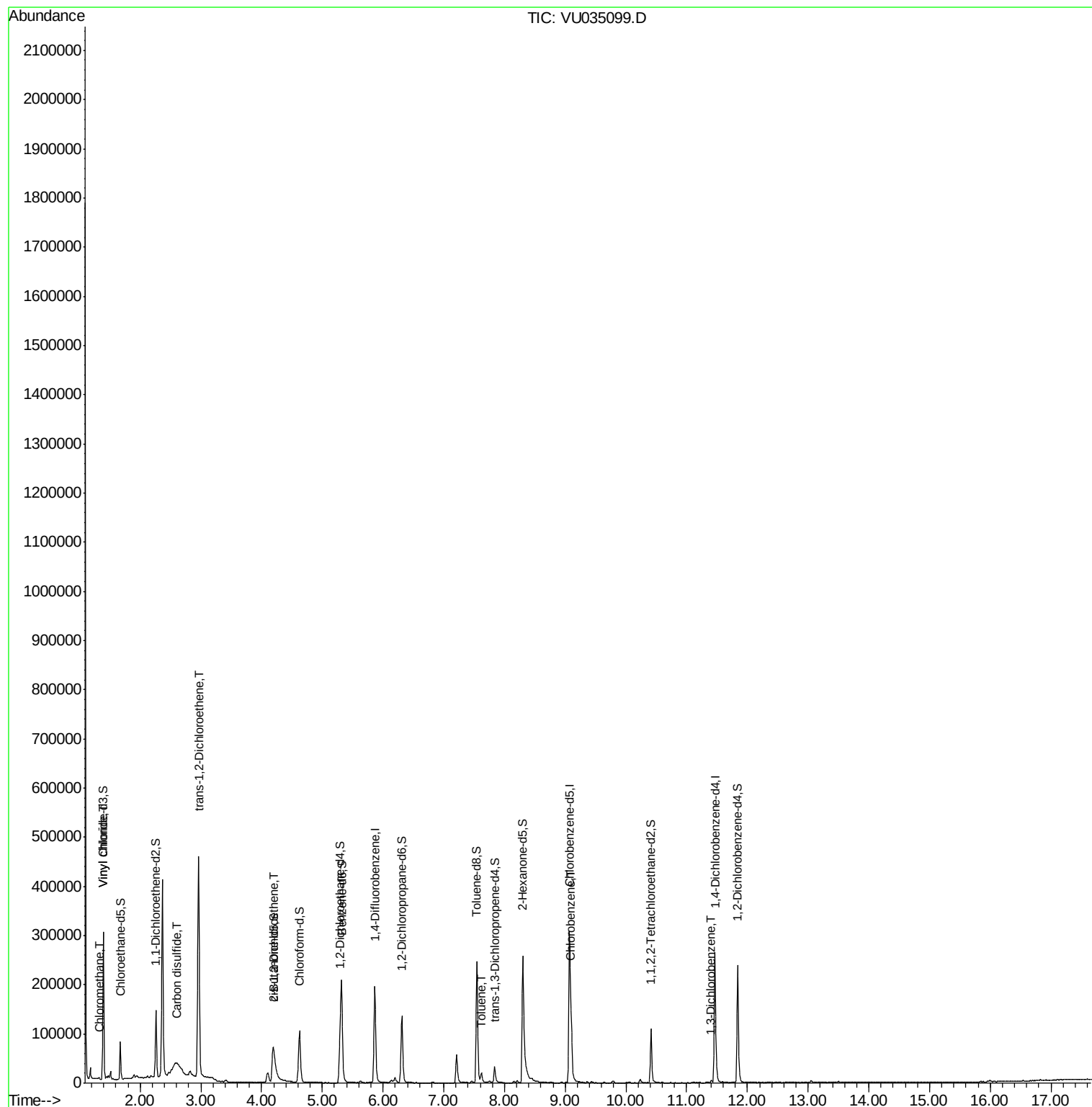
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101219\
Data File : VU035099.D
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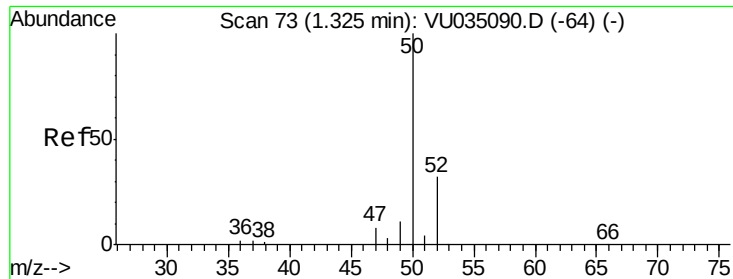
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 02:39:23 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.134 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU035099.D

Acq: 11 Oct 2019 19:09

Instrument :

MSVOA_U

ClientSampleId :

IW-2-001-02

Tot Ion: 50 Resp: 2196

Ion Ratio Lower Upper

50 100

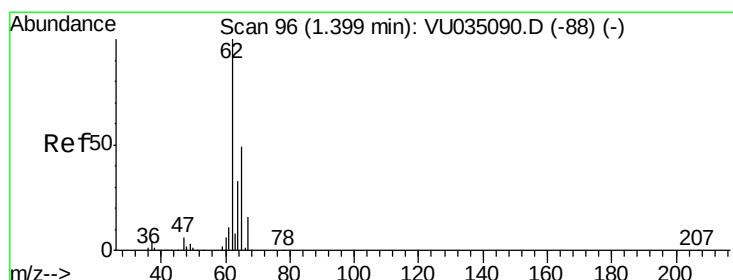
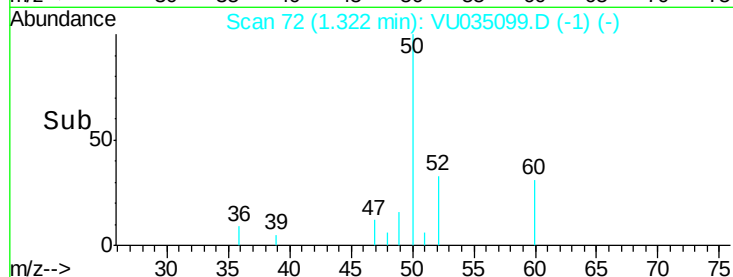
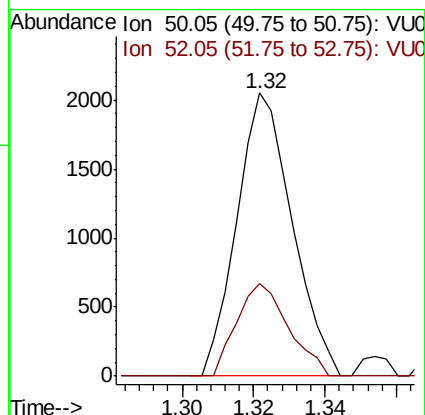
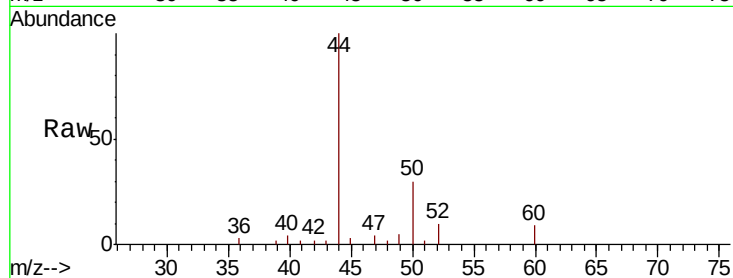
52 32.9 23.3 43.3

Manual Integrations

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#5

Vinyl chloride

Concen: 9.054 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

Lab File: VU035099.D

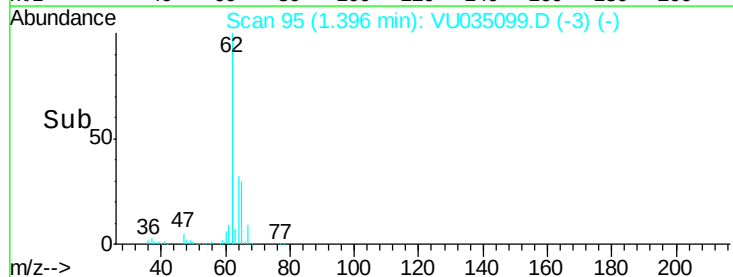
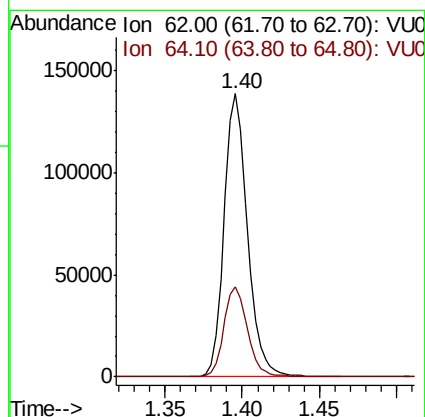
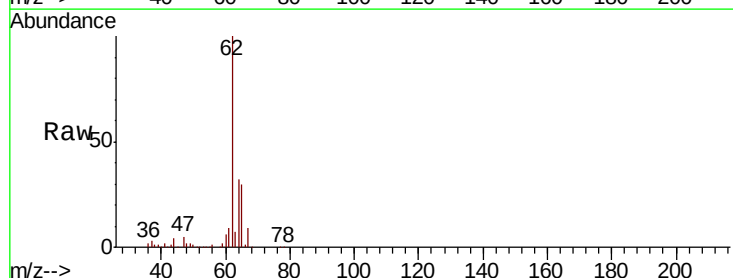
Acq: 11 Oct 2019 19:09

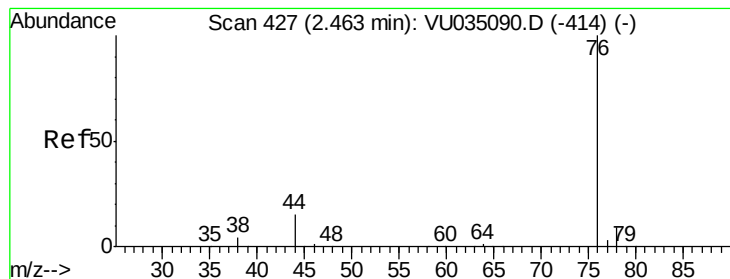
Tgt Ion: 62 Resp: 145418

Ion Ratio Lower Upper

62 100

64 31.9 22.8 42.4





#14

Carbon disulfide

Concen: 5.919 ug/L m

RT: 2.61 min Scan# 472

Delta R.T. 0.14 min

Lab File: VU035099.D

Acq: 11 Oct 2019 19:09

Instrument :

MSVOA_U

ClientSampleId :

IW-2-001-02

Tot Ion: 76 Resp: 206359

Ion Ratio Lower Upper

76 100

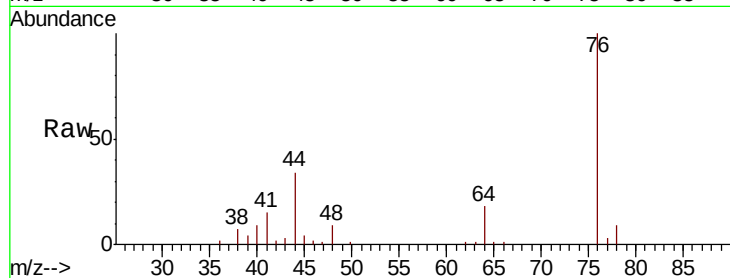
78 9.4 7.1 10.7

Manual Integrations

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Abundance Ion 76.05 (75.75 to 76.75): VU035099.D (-414) (-)

Ion 78.00 (77.70 to 78.70): VU035099.D (-414) (-)

20000

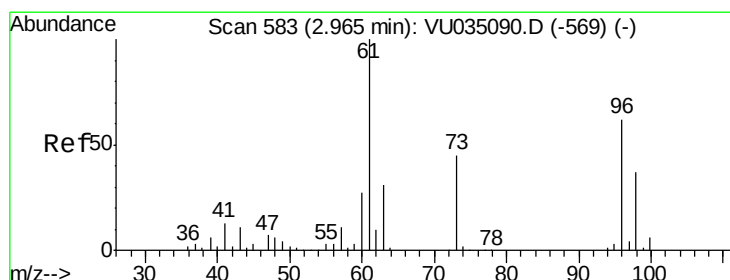
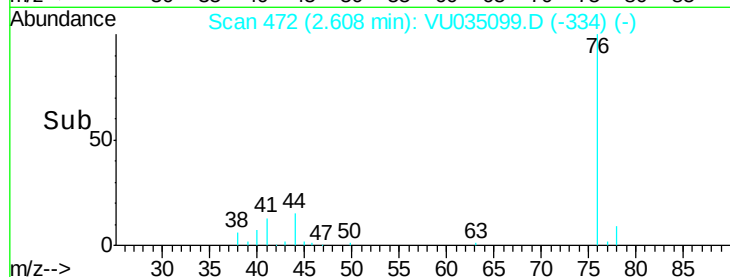
15000

10000

5000

0

Time-->



#18

trans-1,2-Dichloroethene

Concen: 14.193 ug/L

RT: 2.96 min Scan# 582

Delta R.T. -0.00 min

Lab File: VU035099.D

Acq: 11 Oct 2019 19:09

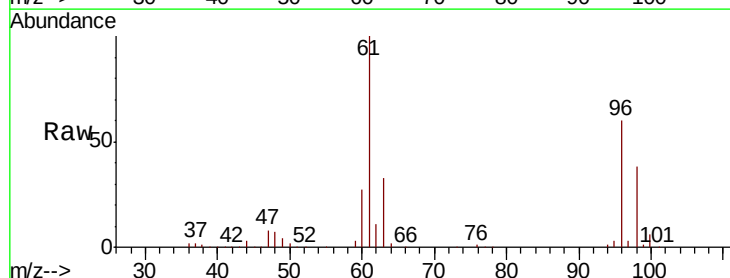
Tgt Ion: 96 Resp: 159199

Ion Ratio Lower Upper

96 100

61 166.1 107.1 198.9

98 63.2 45.4 84.4



Abundance Ion 96.00 (95.70 to 96.70): VU035099.D (-569) (-)

Ion 61.05 (60.75 to 61.75): VU035099.D (-569) (-)

Ion 97.95 (97.65 to 98.65): VU035099.D (-569) (-)

20000

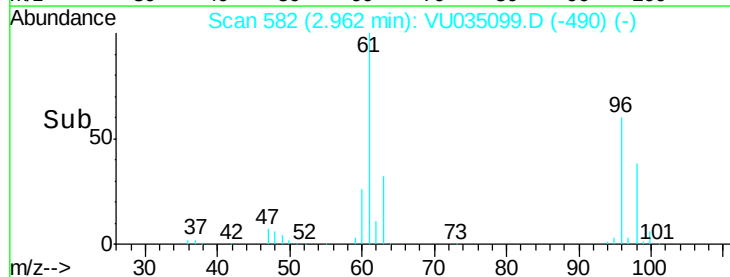
15000

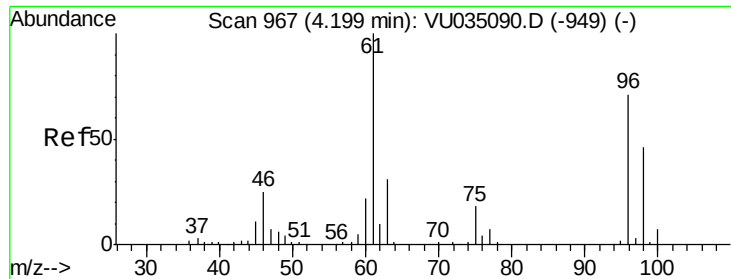
10000

5000

0

Time-->





#22

cis-1,2-Dichloroethene

Concen: 0.871 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU035099.D

Acq: 11 Oct 2019 19:09

Instrument :

MSVOA_U

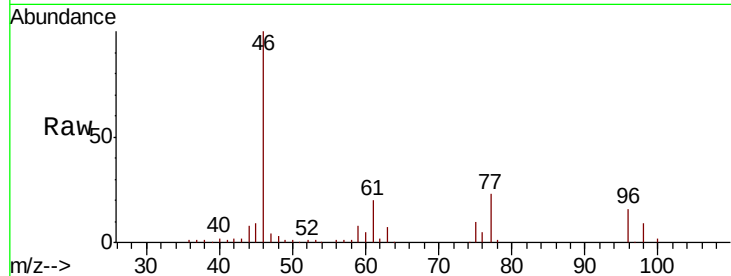
ClientSampleId :

IW-2-001-02

Tot Ion:	96	Resp:	10894
Ion	Ratio	Lower	Upper
96	100		
61	130.9	89.2	165.6
68	0.0	0.0	0.0

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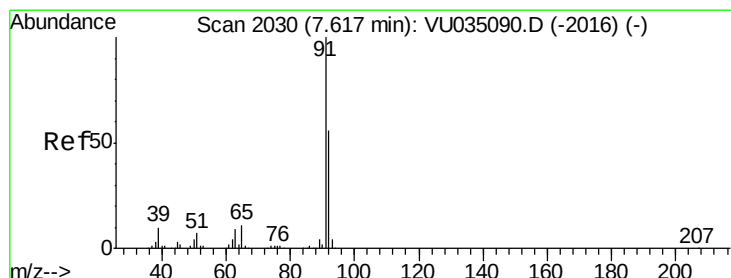
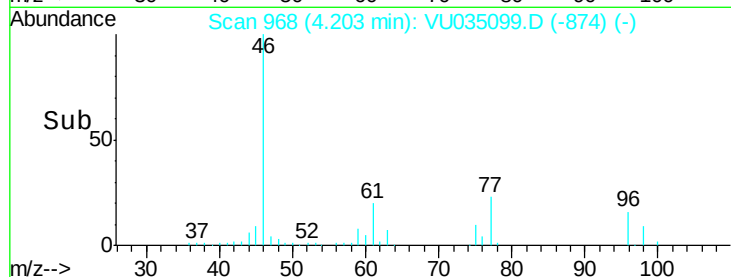
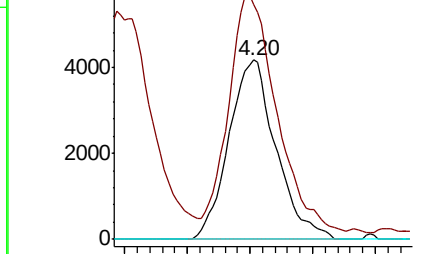
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Abundance Ion 96.00 (95.70 to 96.70): VU035099.D (-949) (-)

Ion 61.05 (60.75 to 61.75): VU035099.D (-949) (-)

Ion 68.15 (67.85 to 68.85): VU035099.D (-949) (-)



#42

Toluene

Concen: 0.264 ug/L

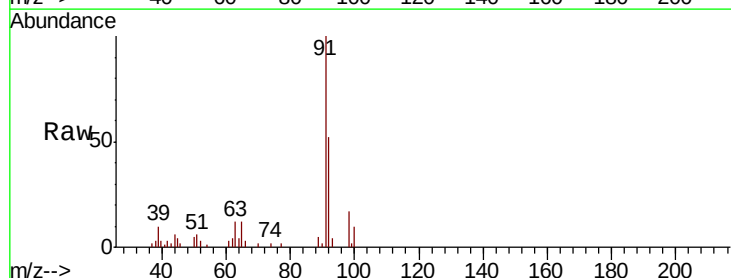
RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU035099.D

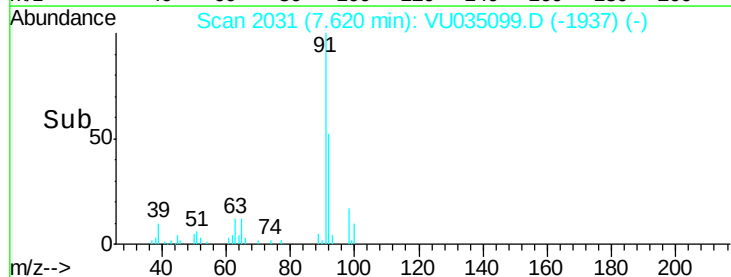
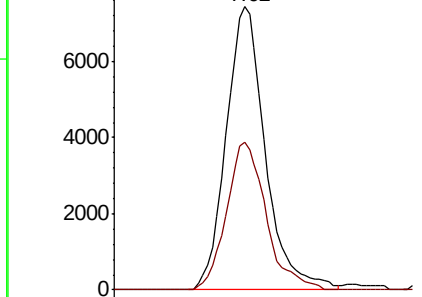
Acq: 11 Oct 2019 19:09

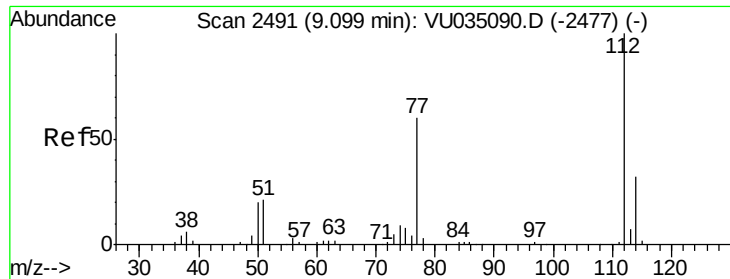
Tgt Ion:	91	Resp:	13919
Ion	Ratio	Lower	Upper
91	100		
92	52.0	40.0	74.2



Abundance Ion 91.15 (90.85 to 91.85): VU035099.D (-1916) (-)

Ion 92.15 (91.85 to 92.85): VU035099.D (-1916) (-)





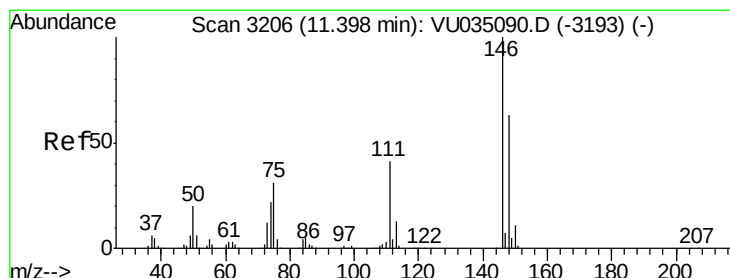
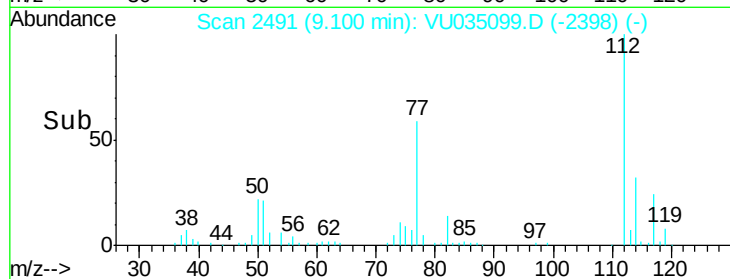
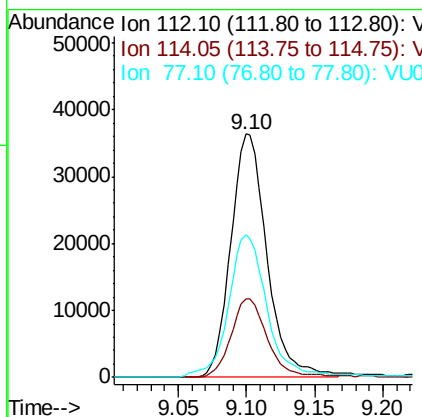
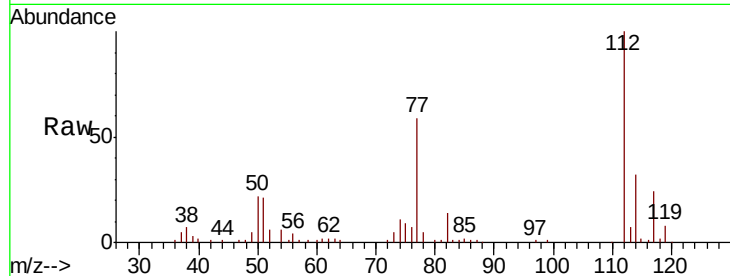
#51
Chlorobenzene
Concen: 1.960 ug/L
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU035099.D
Acq: 11 Oct 2019 19:09

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

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.1	41.1
77	58.7	46.9	70.3

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#62
1,3-Dichlorobenzene
Concen: 0.111 ug/L
RT: 11.40 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU035099.D
Acq: 11 Oct 2019 19:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.6	28.6	53.2
148	63.8	45.0	83.6

