

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035097.D
 Acq On : 11 Oct 2019 18:20
 Operator : JC/SP
 Sample : K5309-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RB-2-191004-01

Manual Integrations
 APPROVED

MMDadoda
 10/15/2019 6:05:50 AM

Quant Time: Oct 12 03:59:20 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	155737	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	162985	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	70166	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	53707	5.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.60%
7) Chloroethane-d5	1.67	69	48158	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.26	63	76040	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.20	46	139704	51.53	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.06%
24) Chloroform-d	4.62	84	87365	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.29	65	53516	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.32	84	183094	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.31	67	65032	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.55	98	161996	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.84	79	19253	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.30	63	106671	48.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.56%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	53709	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	60066	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

					Ovalue
13) Acetone	2.34	43	52265	23.539 ug/L	95
16) Methylene chloride	2.68	84	2860	0.231 ug/L	84
21) 2-Butanone	4.29	43	8022m	2.537 ug/L	
42) Toluene	7.62	91	21305	0.416 ug/L	97
49) Dibromochloromethane	8.46	129	8989	0.884 ug/L	90
61) Bromoform	9.94	173	38723	8.046 ug/L	98

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

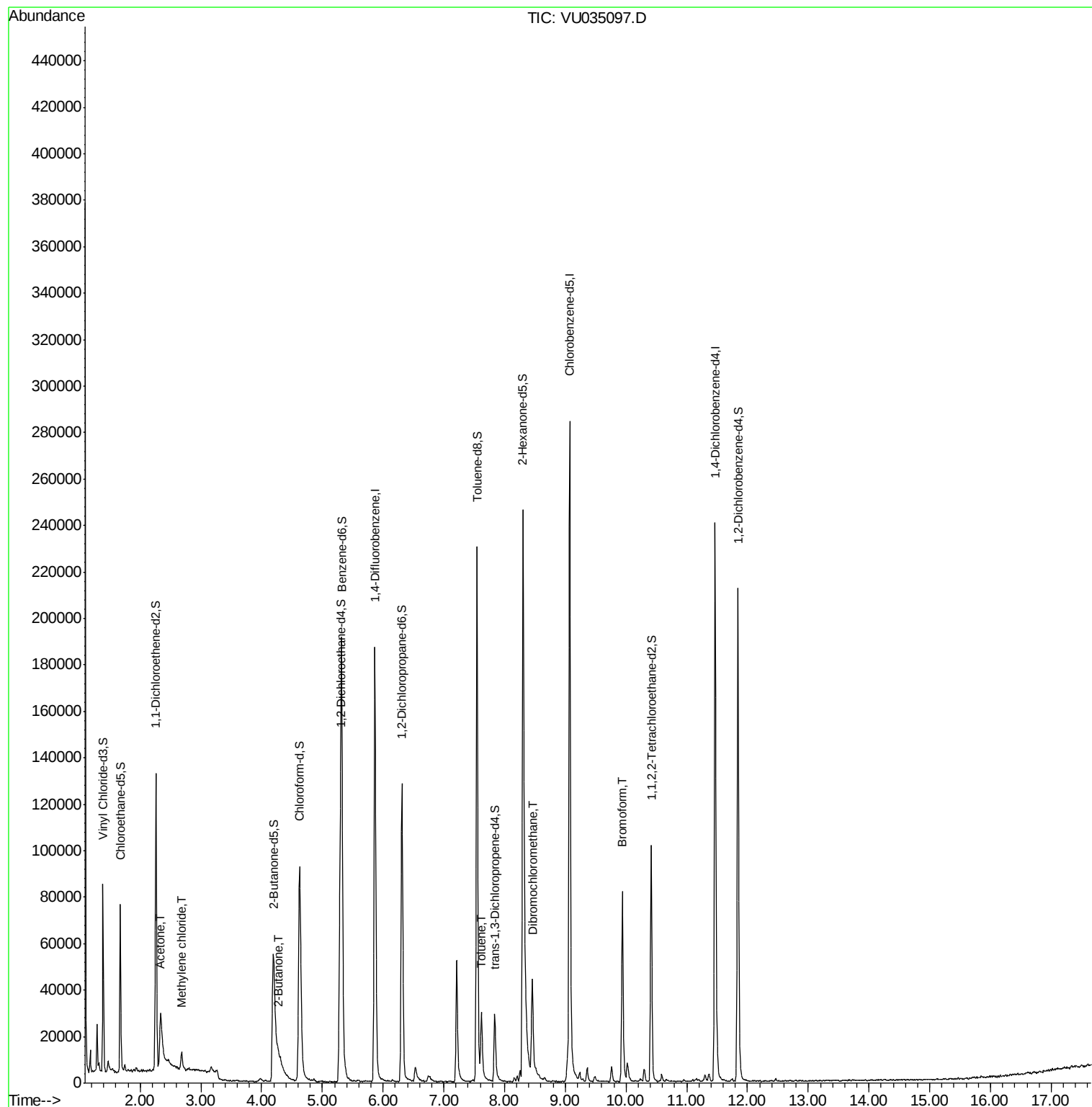
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101219\
Data File : VU035097.D
Acq On : 11 Oct 2019 18:20
Operator : JC/SP
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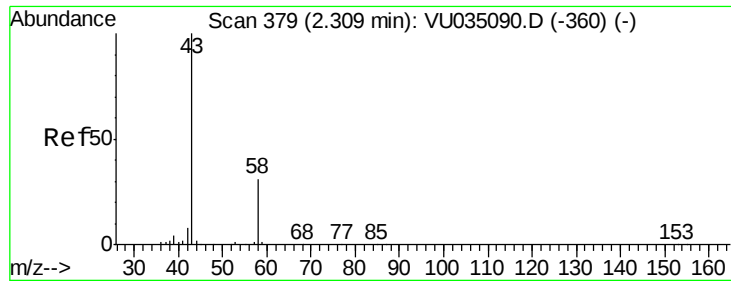
Instrument :
MSVOA_U
ClientSampleId :
RB-2-191004-01

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Quant Time: Oct 12 03:59:20 2019
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





#13

Acetone

Concen: 23.539 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.03 min

Lab File: VU035097.D

Acq: 11 Oct 2019 18:20

Instrument :

MSVOA_U

ClientSampleId :

RB-2-191004-01

Tot Ion: 43 Resp: 52265

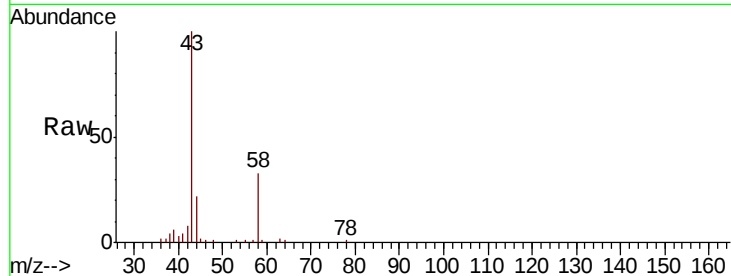
Ion Ratio Lower Upper

43 100

58 30.2 0.0 66.6

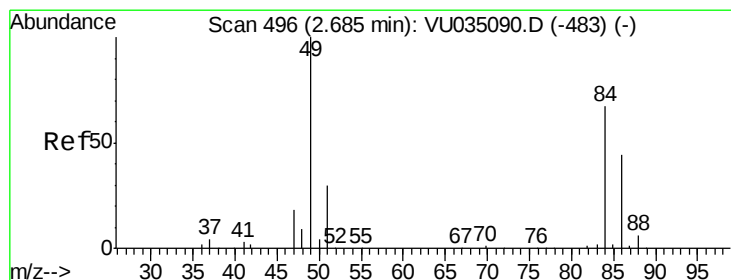
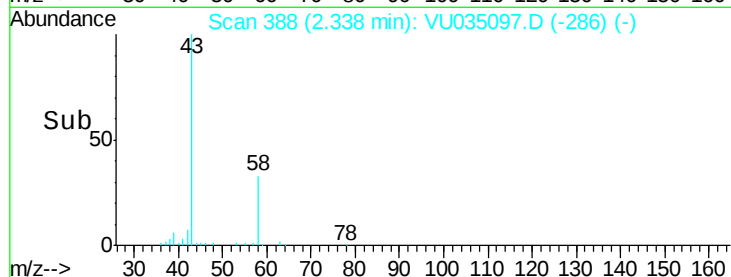
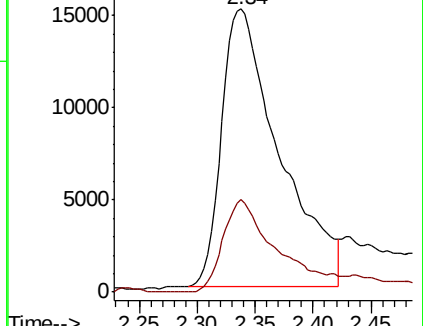
Manual Integrations
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Abundance Ion 43.05 (42.75 to 43.75): VU035097.D (-286) (-)

Ion 58.05 (57.75 to 58.75): VU035097.D (-286) (-)



#16

Methylene chloride

Concen: 0.231 ug/L

RT: 2.68 min Scan# 495

Delta R.T. -0.00 min

Lab File: VU035097.D

Acq: 11 Oct 2019 18:20

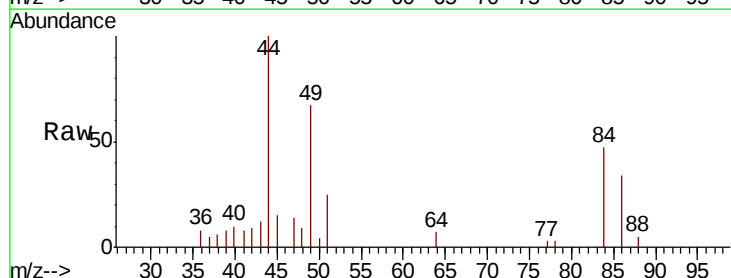
Tgt Ion: 84 Resp: 2860

Ion Ratio Lower Upper

84 100

86 72.2 42.5 78.9

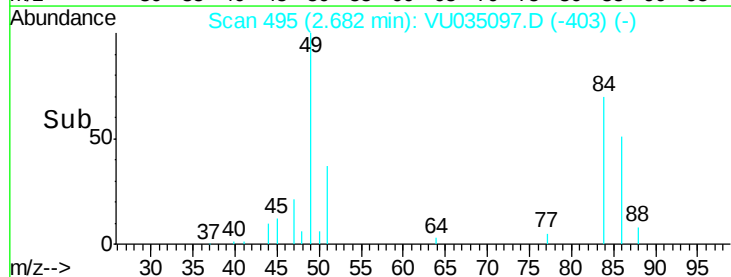
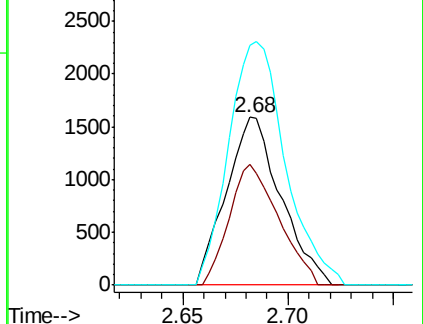
49 142.6 86.9 161.3

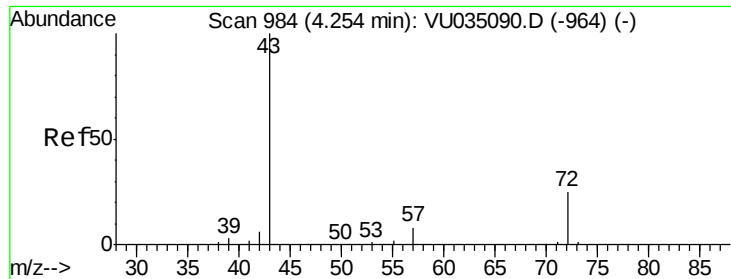


Abundance Ion 84.05 (83.75 to 84.75): VU035097.D (-403) (-)

Ion 86.00 (85.70 to 86.70): VU035097.D (-403) (-)

Ion 49.10 (48.80 to 49.80): VU035097.D (-403) (-)





#21

2-Butanone

Concen: 2.537 ug/L m

RT: 4.29 min Scan# 994

Delta R.T. 0.03 min

Lab File: VU035097.D

Acq: 11 Oct 2019 18:20

Instrument :

MSVOA_U

ClientSampleId :

RB-2-191004-01

Tot Ion: 43 Resp: 8022

Ion Ratio Lower Upper

43 100

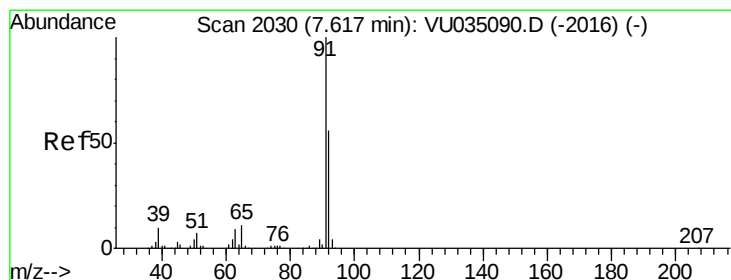
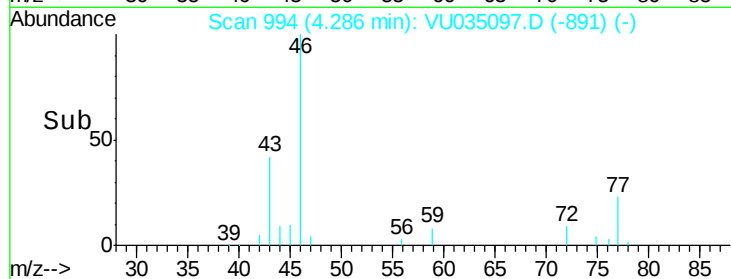
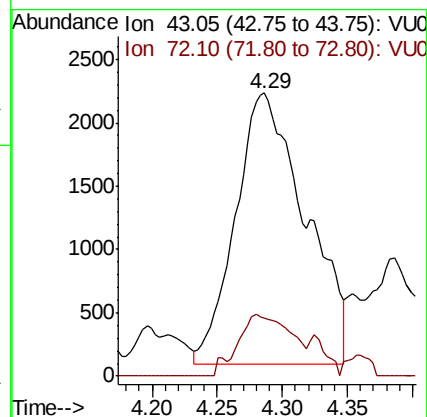
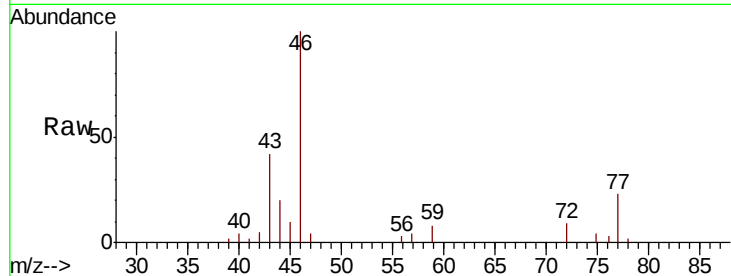
72 1.0 13.5 40.4#

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#42

Toluene

Concen: 0.416 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU035097.D

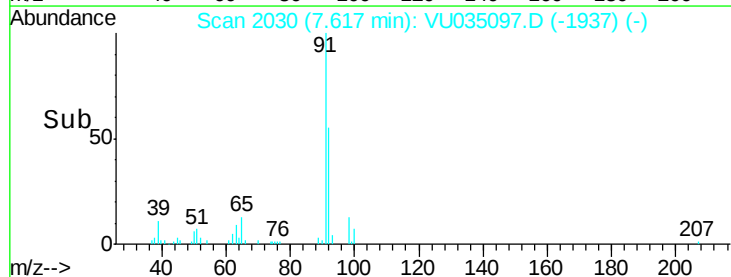
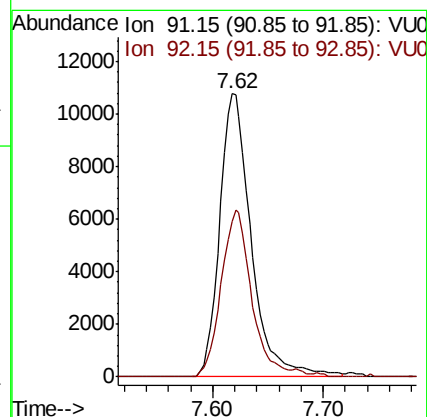
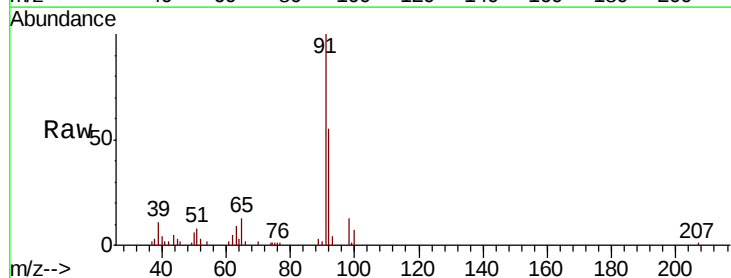
Acq: 11 Oct 2019 18:20

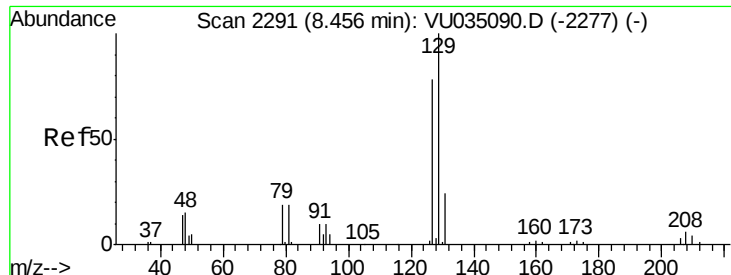
Tgt Ion: 91 Resp: 21305

Ion Ratio Lower Upper

91 100

92 55.0 40.0 74.2





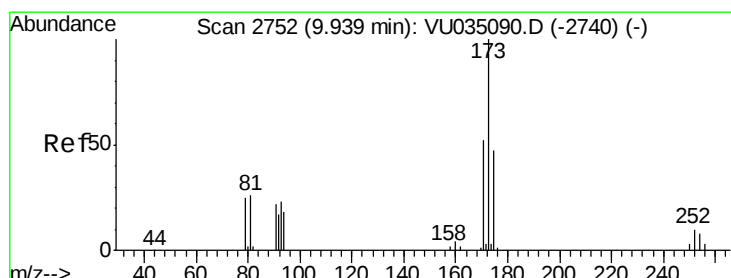
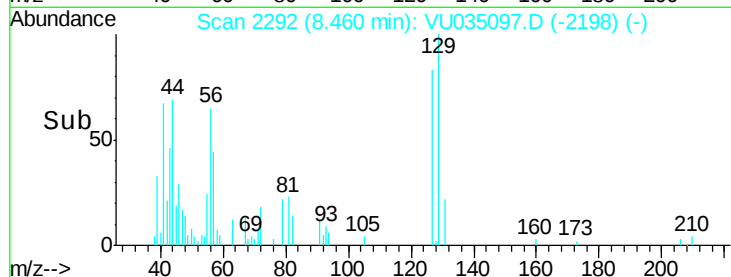
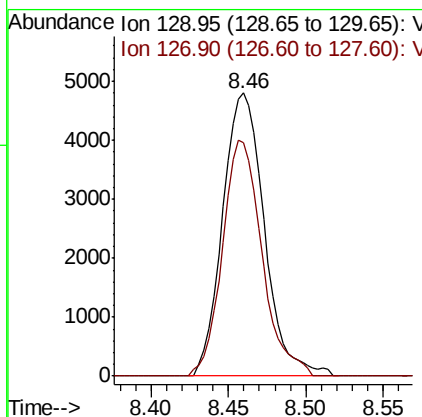
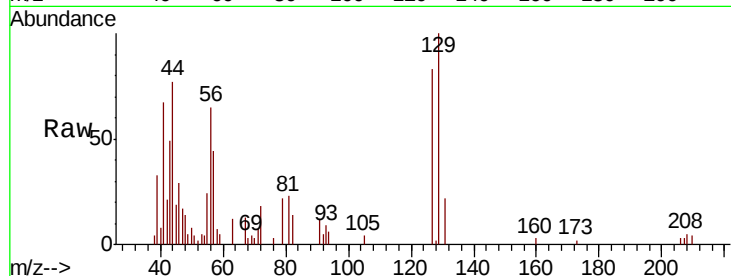
#49
Dibromochloromethane
Concen: 0.884 ug/L
RT: 8.46 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU035097.D
Acq: 11 Oct 2019 18:20

Instrument :
MSVOA_U
ClientSampleId :
RB-2-191004-01

Tot Ion	Ratio	Lower	Upper
129	100		
127	82.5	51.9	96.5

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#61
Bromoform
Concen: 8.046 ug/L
RT: 9.94 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VU035097.D
Acq: 11 Oct 2019 18:20

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.8	37.2	55.8
254	8.6	6.6	9.8

