

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122320\
 Data File : VU041788.D
 Acq On : 23 Dec 2020 17:45
 Operator : SY/MD
 Sample : L5185-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4T0

Manual Integrations
 APPROVED

MMDadoda
 12/24/2020 12:52:31 PM

Quant Time: Dec 24 04:12:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 24 01:08:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120038	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	117548	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51750	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	38852	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.92	69	40032	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.20%
11) 1,1-Dichloroethene-d2	2.58	63	60194	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.66	46	139326	51.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.36%
24) Chloroform-d	5.08	84	77621	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.72	65	45658	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.74	84	151227	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.70	67	48413	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.90	98	120036	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	8.19	79	19407	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.64	63	120924	46.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46757	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	49084	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	6706m	3.911	ug/L	
16) Methylene chloride	3.06	84	1374	0.141	ug/L	# 73
33) Benzene	5.79	78	2333	0.062	ug/L	100
42) Toluene	7.98	91	16000	0.412	ug/L	96
47) Tetrachloroethene	8.56	164	458	0.069	ug/L	# 85
52) Ethylbenzene	9.57	91	2618	0.063	ug/L	97
53) m,p-Xylene	9.69	106	3629	0.235	ug/L	98
54) o-Xylene	10.10	106	1680	0.111	ug/L	81

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

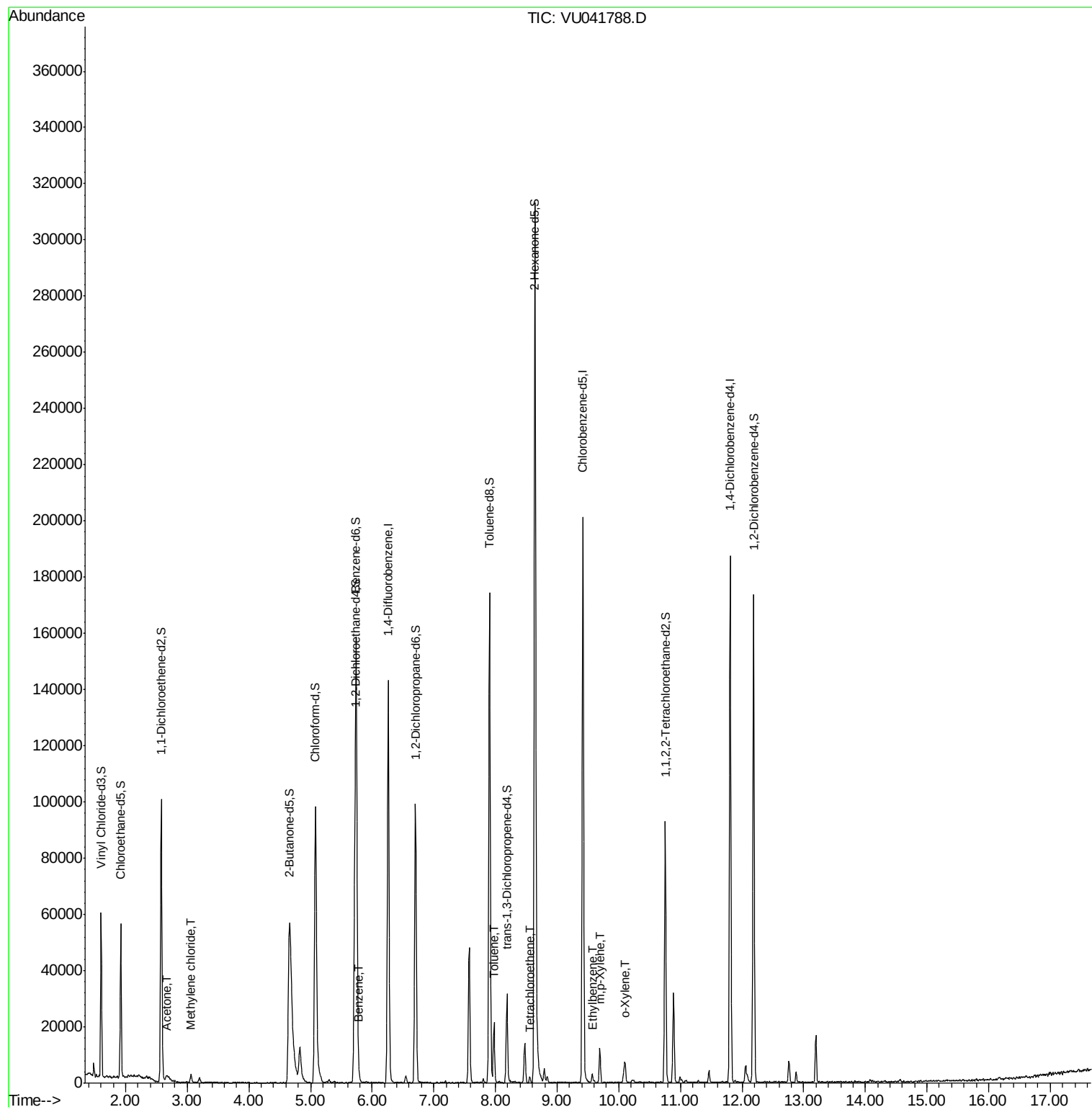
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU122320\
Data File : VU041788.D
Acq On : 23 Dec 2020 17:45
Operator : SY/MD
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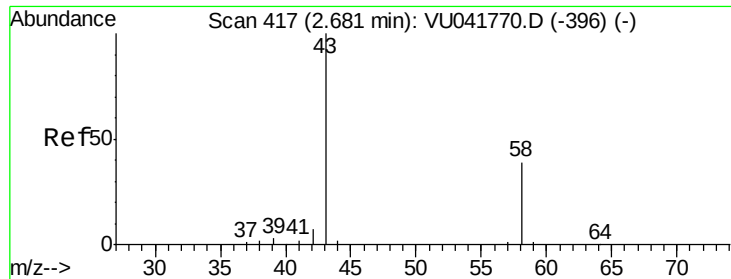
Instrument :
MSVOA_U
ClientSampleId :
BG4T0

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Quant Time: Dec 24 04:12:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 24 01:08:18 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.911 ug/L m

RT: 2.68 min Scan# 416

Delta R.T. -0.00 min

Lab File: VU041788.D

Acq: 23 Dec 2020 17:45

Instrument :

MSVOA_U

ClientSampleId :

BG4T0

Tot Ion: 43 Resp: 6706

Ion Ratio Lower Upper

43 100

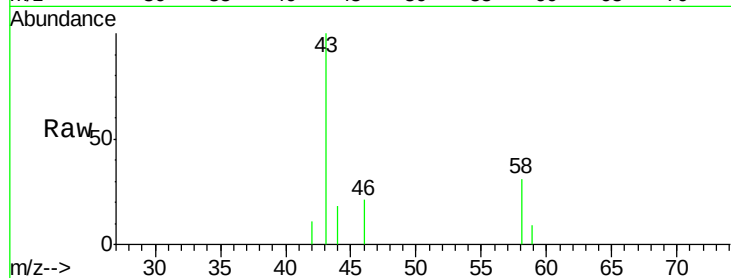
58 11.4 0.0 73.2

Manual Integrations

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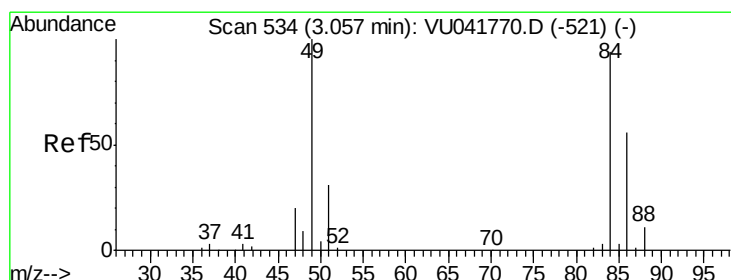
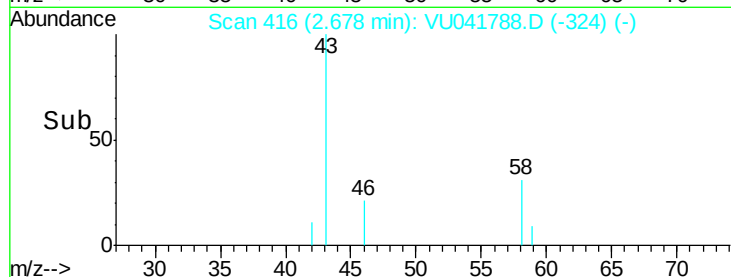
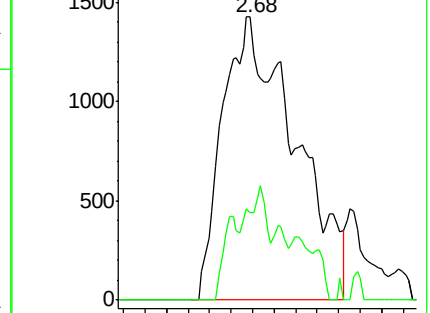
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Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#16

Methylene chloride

Concen: 0.141 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041788.D

Acq: 23 Dec 2020 17:45

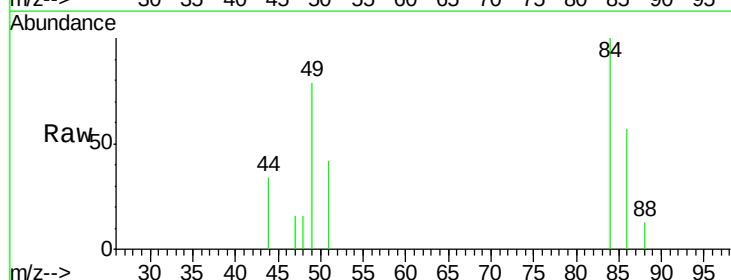
Tgt Ion: 84 Resp: 1374

Ion Ratio Lower Upper

84 100

86 56.8 45.1 83.7

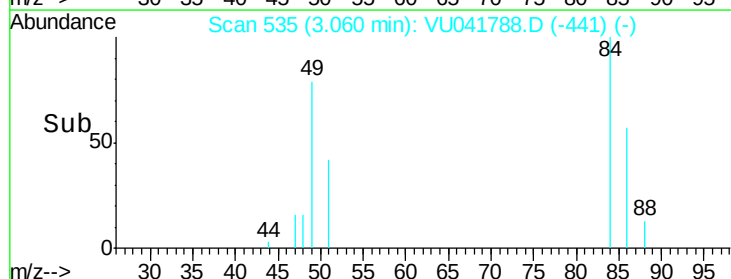
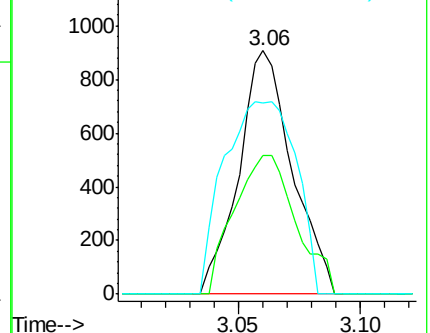
49 78.5 83.1 154.3#

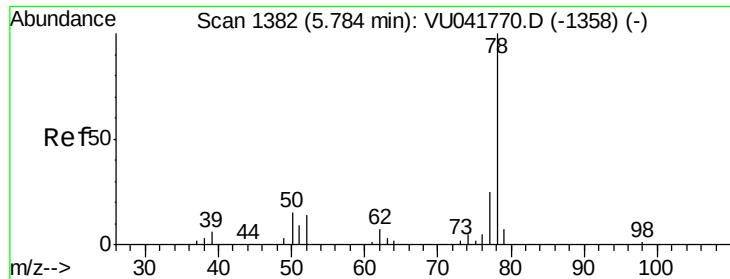


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#33

Benzene

Concen: 0.062 ug/L

RT: 5.79 min Scan# 1385

Delta R.T. 0.01 min

Lab File: VU041788.D

Acq: 23 Dec 2020 17:45

Instrument :

MSVOA_U

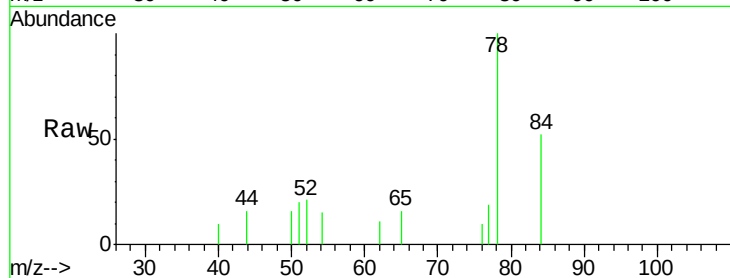
ClientSampleId :

BG4T0

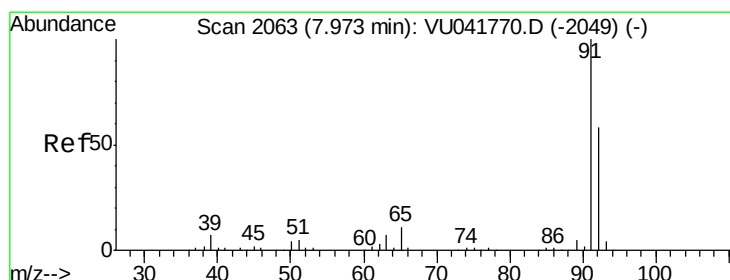
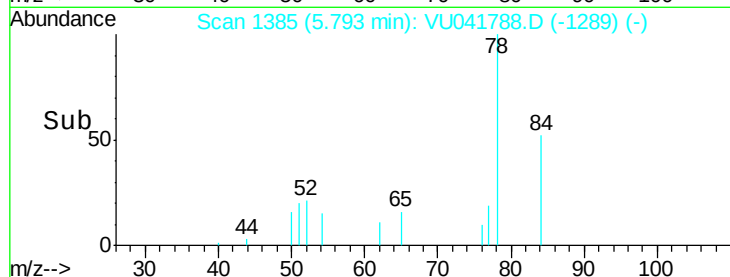
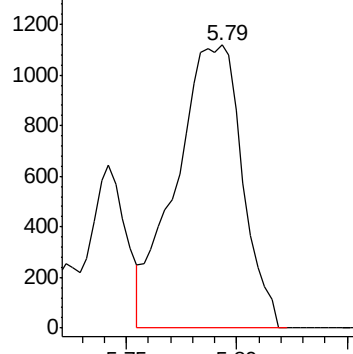
Tgt Ion: 78 Resp: 2333

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Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.412 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041788.D

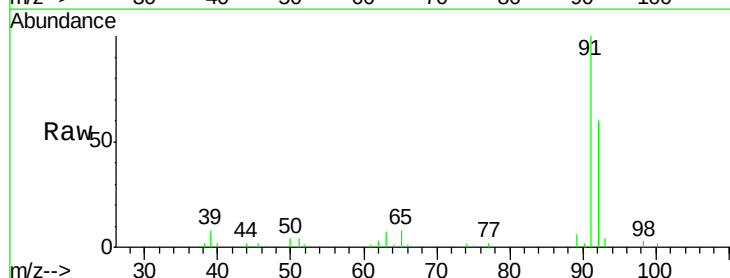
Acq: 23 Dec 2020 17:45

Tgt Ion: 91 Resp: 16000

Ion Ratio Lower Upper

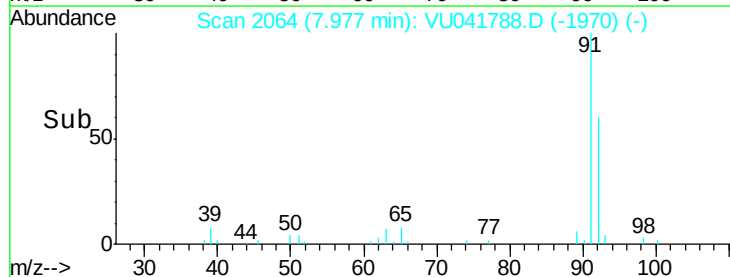
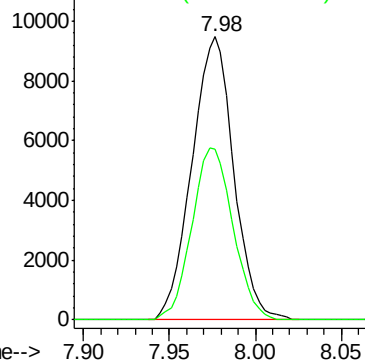
91 100

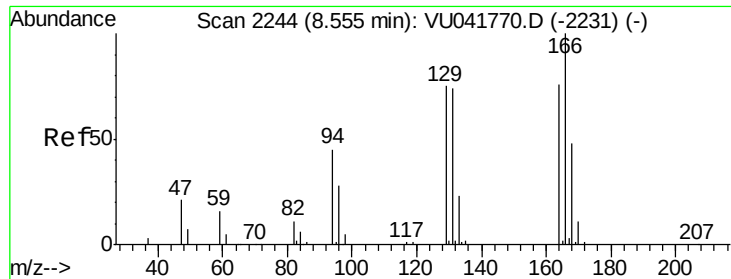
92 60.3 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





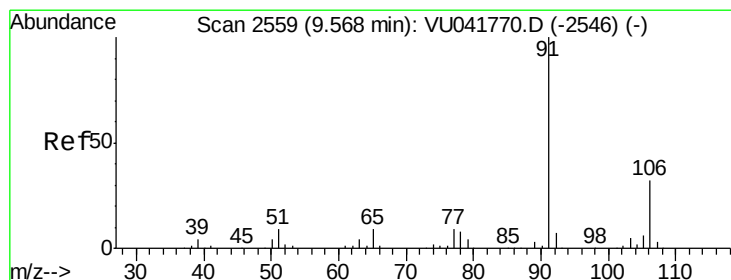
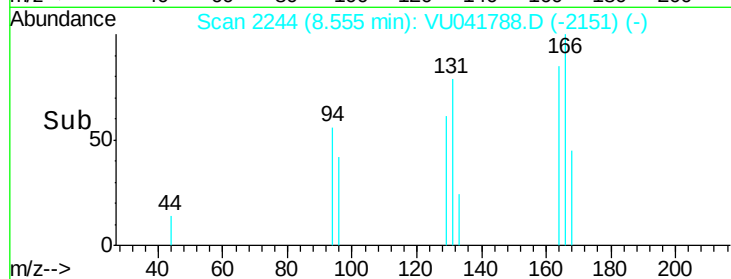
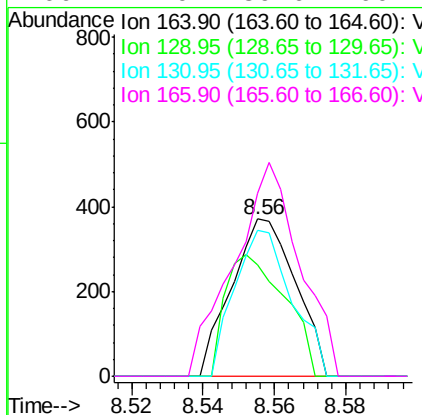
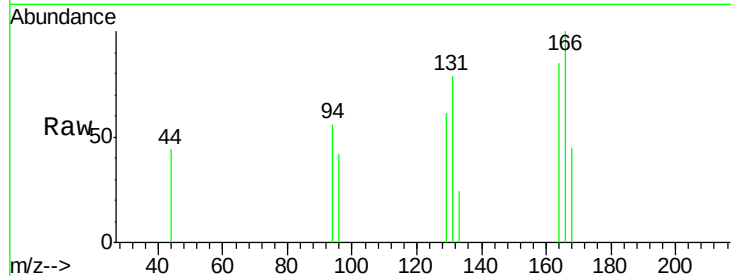
#47
Tetrachloroethene
 Concen: 0.069 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. 0.00 min
 Lab File: VU041788.D
 Acq: 23 Dec 2020 17:45

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4T0

Tot Ion:	164	Resp:	458
Ion	Ratio	Lower	Upper
164	100		
129	70.8	72.2	134.0#
131	93.0	66.9	124.3
166	117.0	89.6	166.4

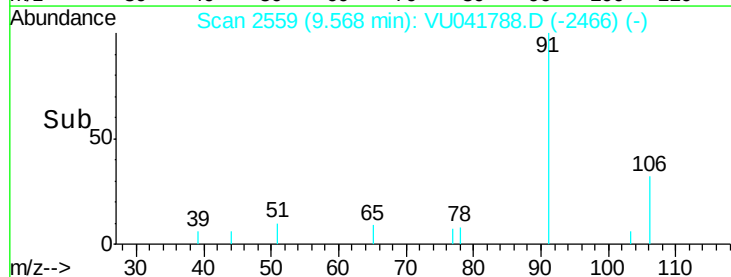
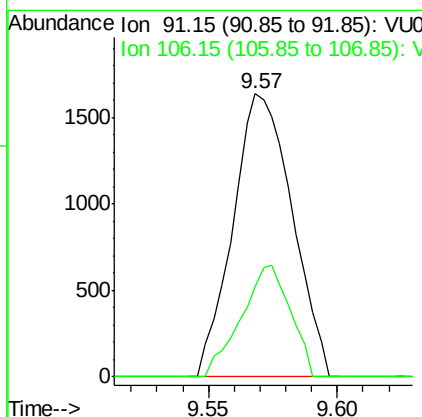
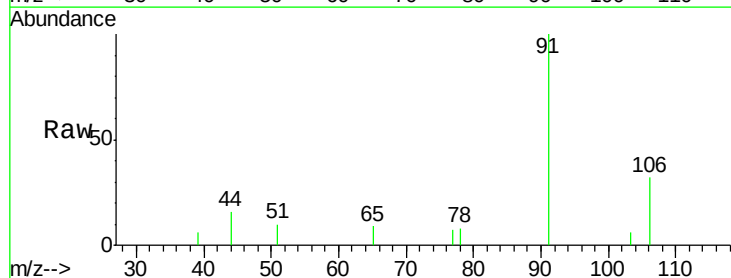
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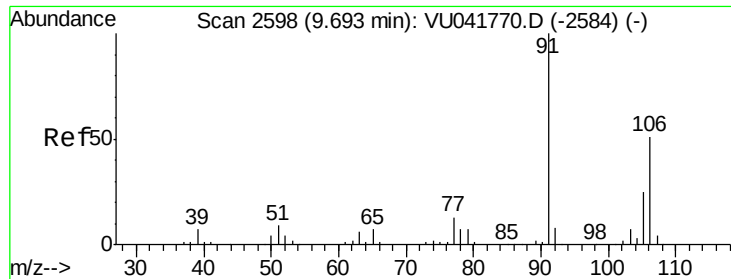
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#52
Ethylbenzene
 Concen: 0.063 ug/L
 RT: 9.57 min Scan# 2559
 Delta R.T. 0.00 min
 Lab File: VU041788.D
 Acq: 23 Dec 2020 17:45

Tgt Ion:	91	Resp:	2618
Ion	Ratio	Lower	Upper
91	100		
106	32.0	21.1	39.3





#53

m,p-Xylene

Concen: 0.235 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VU041788.D

Acq: 23 Dec 2020 17:45

Instrument :

MSVOA_U

ClientSampled :

BG4T0

Tot Ion:106 Resp: 3629

Ion Ratio Lower Upper

106 100

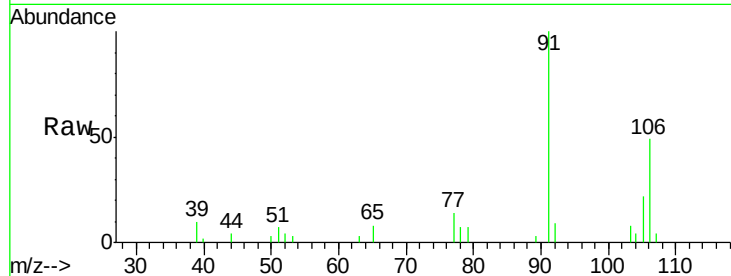
91 204.3 140.4 260.8

Manual Integrations

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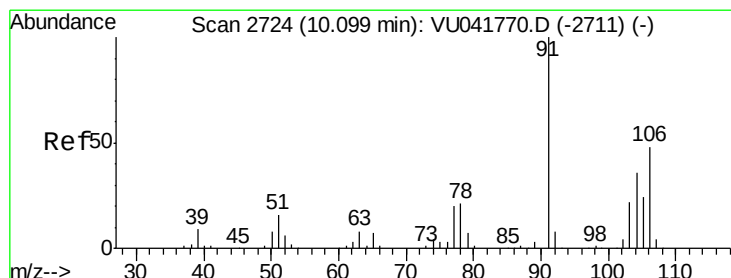
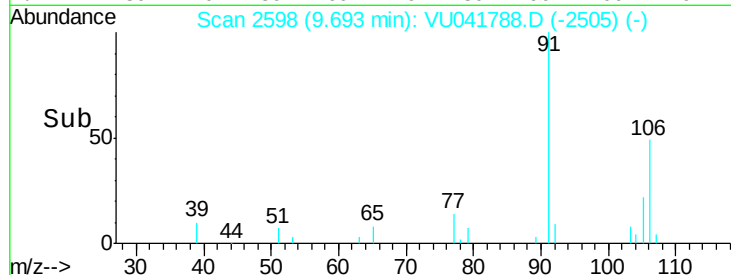
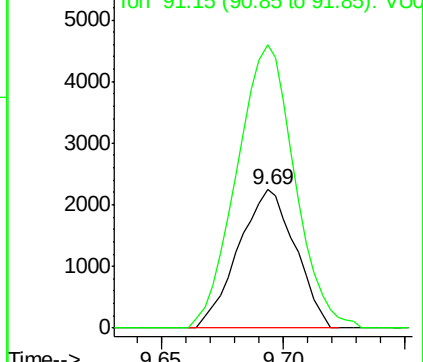
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Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.111 ug/L

RT: 10.10 min Scan# 2724

Delta R.T. 0.00 min

Lab File: VU041788.D

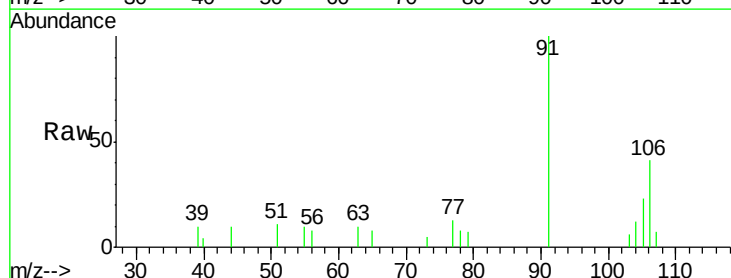
Acq: 23 Dec 2020 17:45

Tgt Ion:106 Resp: 1680

Ion Ratio Lower Upper

106 100

91 246.8 151.3 281.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

