

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081720\
 Data File : VU039891.D
 Acq On : 17 Aug 2020 16:39
 Operator : SY/MD
 Sample : L3517-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4L62

Manual Integrations
 APPROVED

MMDadoda
 8/18/2020 2:01:10 PM

Quant Time: Aug 18 05:30:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 18 04:18:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	78371	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	77623	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37191	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	17470	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.92	69	18376	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.58	63	25911	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.66	46	76685	41.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.40%
24) Chloroform-d	5.08	84	44933	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.72	65	26731	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	5.74	84	81307	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.70	67	28713	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.90	98	63531	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloropropene-	8.19	79	10507	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.64	63	58661	44.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.42%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25825	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	28956	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	4945	0.776	ug/L	87
18) trans-1,2-Dichloroethene	3.38	96	1133m	0.218	ug/L	
22) cis-1,2-Dichloroethene	4.69	96	1743	0.308	ug/L	97
33) Benzene	5.79	78	3901	0.184	ug/L	100
34) Trichloroethene	6.56	95	1059	0.193	ug/L #	69
40) 4-Methyl-2-pentanone	7.80	43	6082	1.449	ug/L #	89
42) Toluene	7.98	91	11461	0.516	ug/L	98
52) Ethylbenzene	9.57	91	7038	0.283	ug/L	89
53) m,p-Xylene	9.69	106	9739	1.028	ug/L	99
54) o-Xylene	10.10	106	2644	0.285	ug/L	91

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

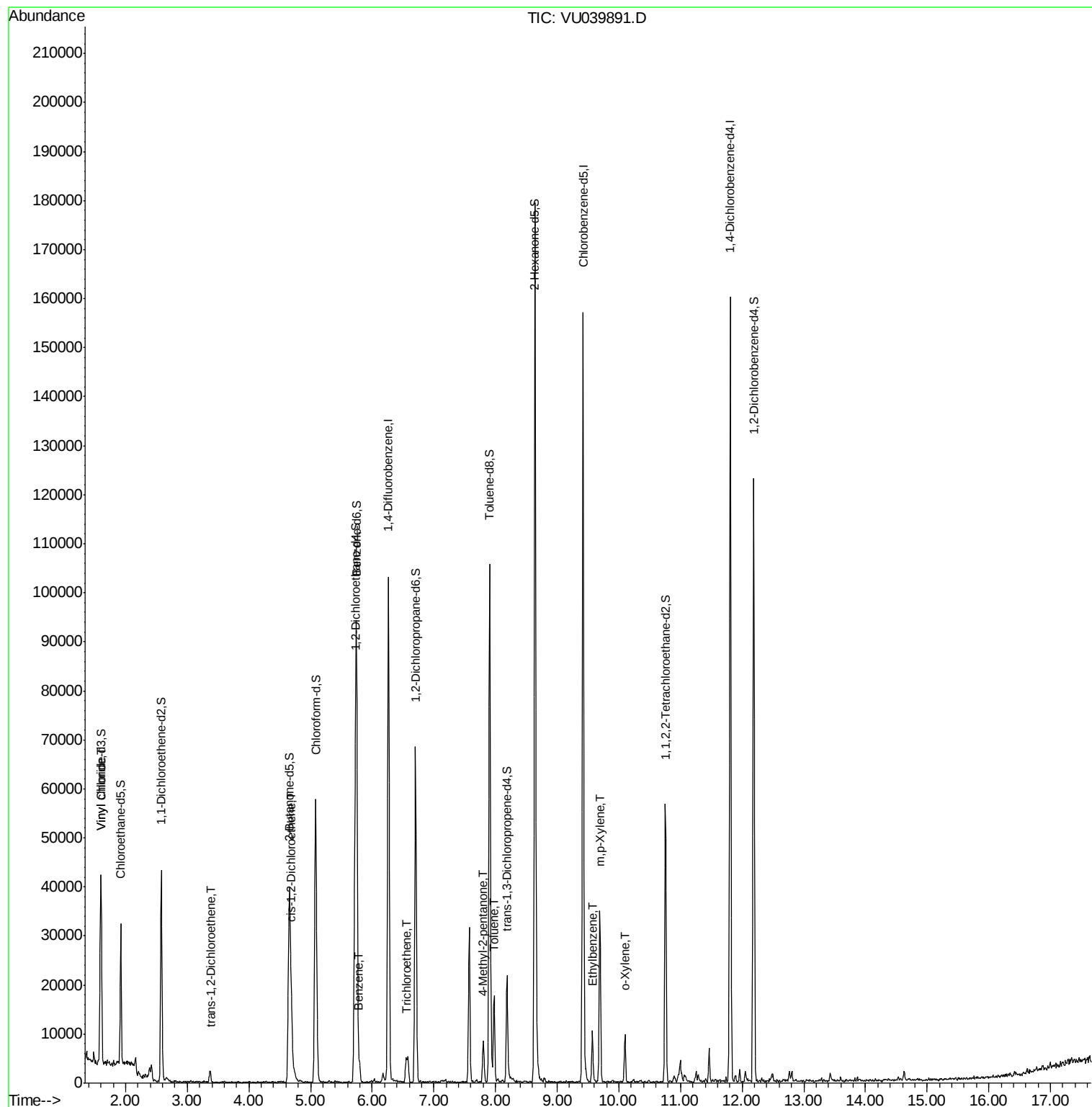
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU081720\
Data File : VU039891.D
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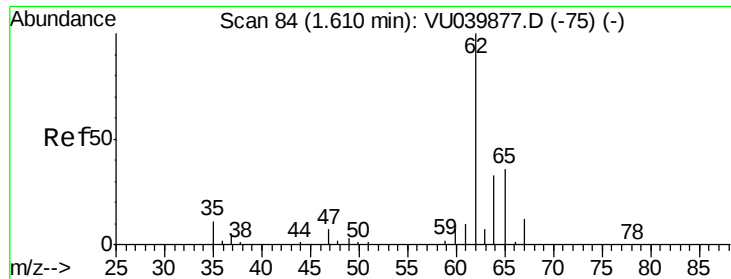
Instrument :
MSVOA_U
ClientSampleId :
F4L62

Manual Integrations
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Quant Time: Aug 18 05:30:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 18 04:18:42 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.776 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039891.D

Acq: 17 Aug 2020 16:39

Instrument :

MSVOA_U

ClientSampled :

F4L62

Tot Ion: 62 Resp: 4945

Ion Ratio Lower Upper

62 100

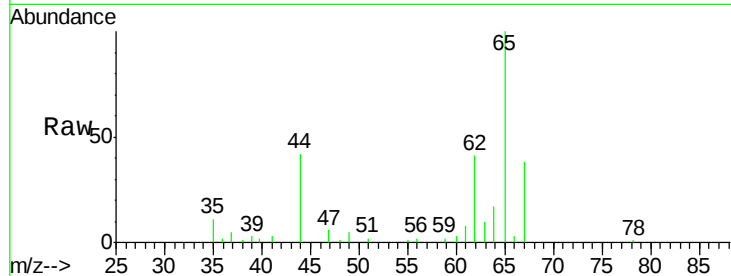
64 41.7 24.1 44.7

Manual Integrations

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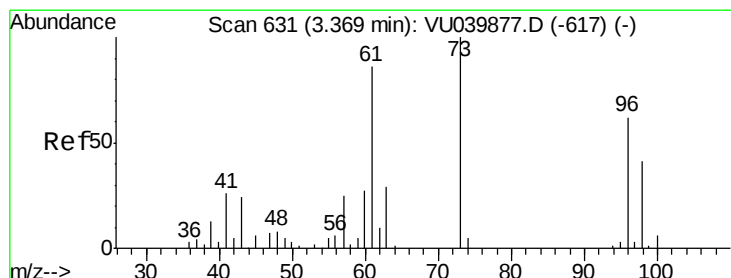
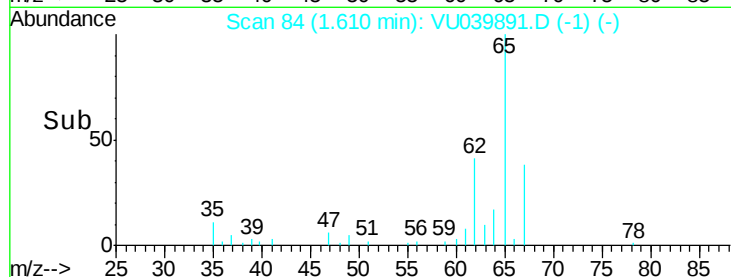
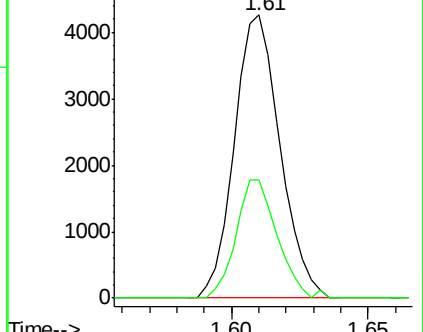
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Abundance Ion 62.00 (61.70 to 62.70): VU039891.D (-1) (-)

Ion 64.10 (63.80 to 64.80): VU039891.D (-1) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.218 ug/L m

RT: 3.38 min Scan# 633

Delta R.T. 0.01 min

Lab File: VU039891.D

Acq: 17 Aug 2020 16:39

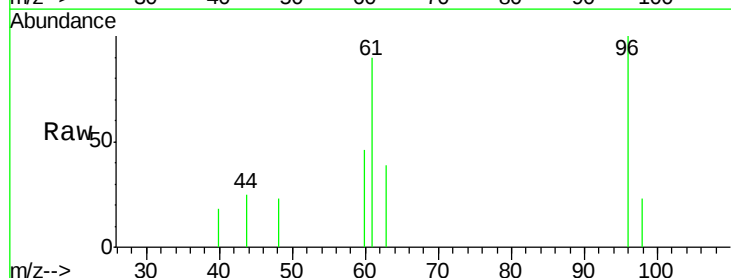
Tgt Ion: 96 Resp: 1133

Ion Ratio Lower Upper

96 100

61 90.3 96.5 179.1#

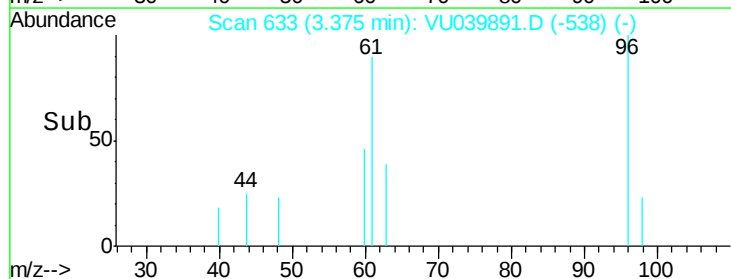
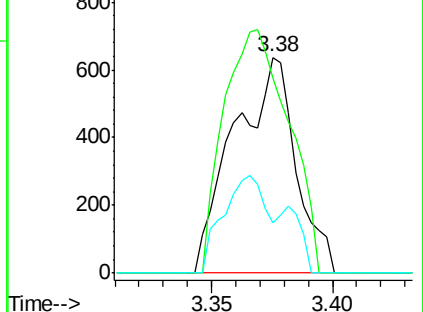
98 23.0 40.9 76.0#

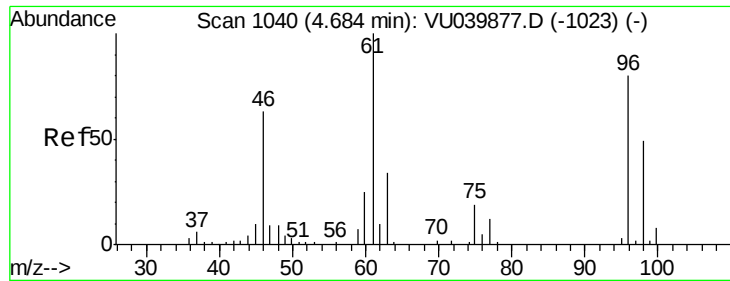


Abundance Ion 96.00 (95.70 to 96.70): VU039891.D (-538) (-)

Ion 61.05 (60.75 to 61.75): VU039891.D (-538) (-)

Ion 97.95 (97.65 to 98.65): VU039891.D (-538) (-)





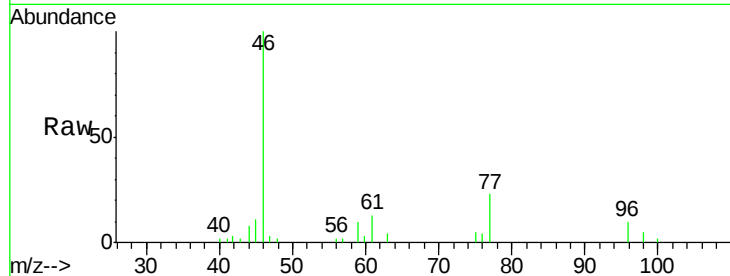
#22
 cis-1,2-Dichloroethene
 Concen: 0.308 ug/L
 RT: 4.69 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: VU039891.D
 Acq: 17 Aug 2020 16:39

Instrument :
 MSVOA_U
 ClientSampled :
 F4L62

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	121.7	87.4	162.2	
68	0.0	0.0	0.0	

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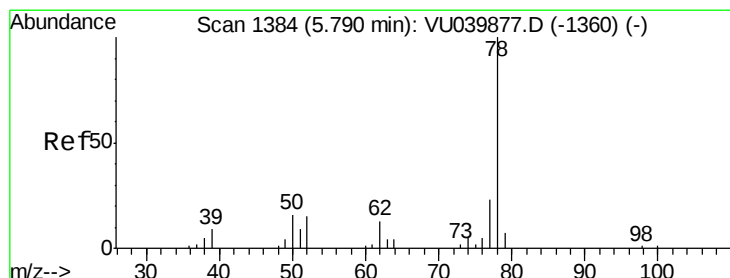
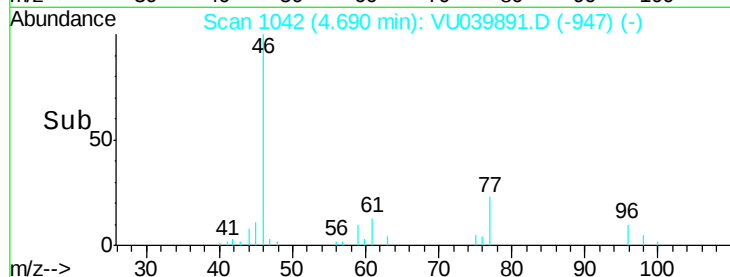
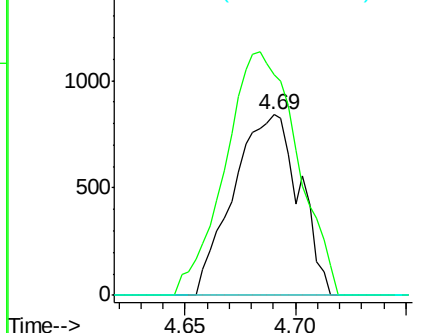
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Abundance Ion 96.00 (95.70 to 96.70): VU039877.D (-1023) (-)

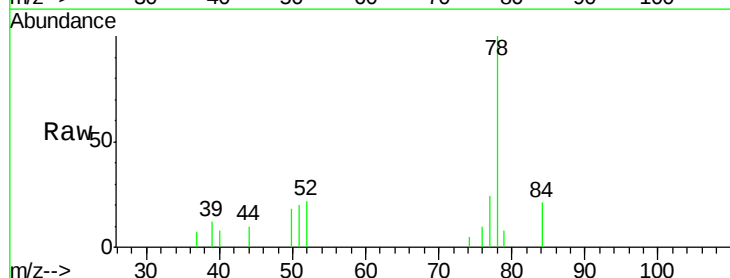
Ion 61.05 (60.75 to 61.75): VU039877.D (-1023) (-)

Ion 68.15 (67.85 to 68.85): VU039877.D (-1023) (-)

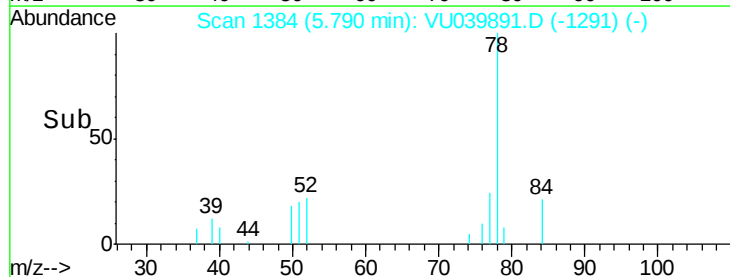
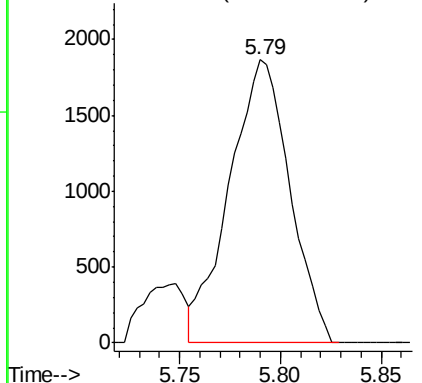


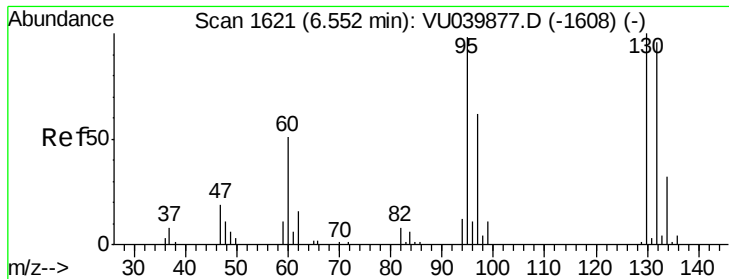
#33
 Benzene
 Concen: 0.184 ug/L
 RT: 5.79 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: VU039891.D
 Acq: 17 Aug 2020 16:39

Tgt Ion: 78 Resp: 3901



Abundance Ion 78.10 (77.80 to 78.80): VU039877.D (-1360) (-)





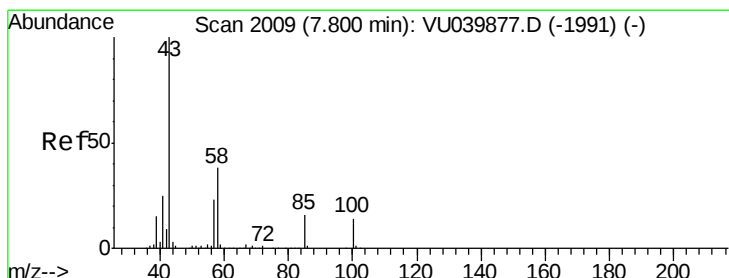
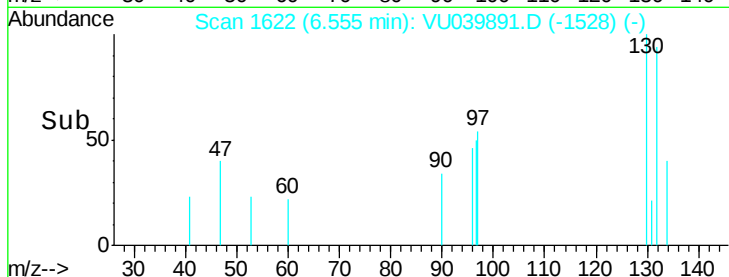
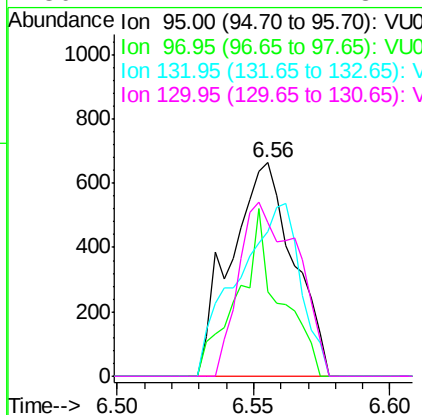
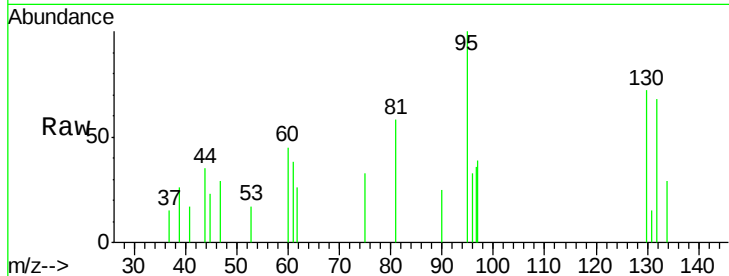
#34
 Trichloroethene
 Concen: 0.193 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU039891.D
 Acq: 17 Aug 2020 16:39

Instrument :
 MSVOA_U
 ClientSampled :
 F4L62

Tot Ion	Ratio	Lower	Upper
95	100		
97	39.3	44.0	81.8#
132	67.9	71.7	133.3#
130	72.1	71.1	132.1

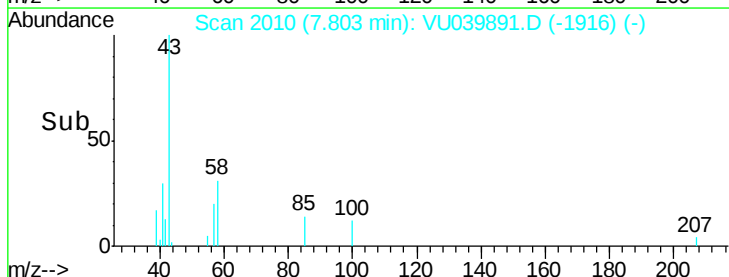
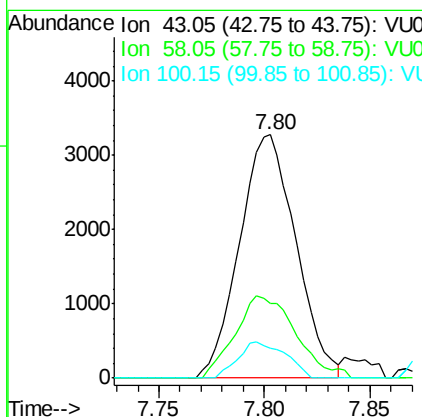
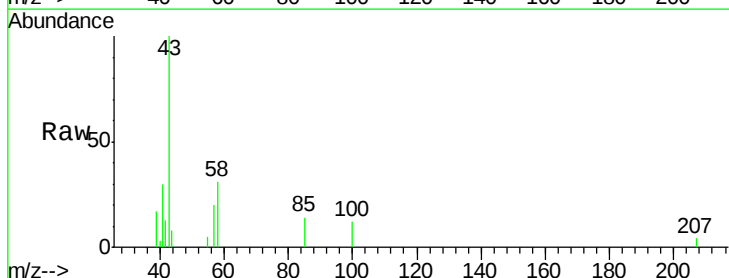
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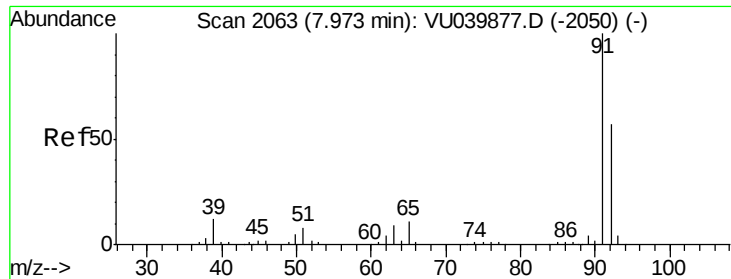
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#40
 4-Methyl-2-pentanone
 Concen: 1.449 ug/L
 RT: 7.80 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: VU039891.D
 Acq: 17 Aug 2020 16:39

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.3	29.4	44.2
100	0.0	11.7	17.5#





#42

Toluene

Concen: 0.516 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU039891.D

Acq: 17 Aug 2020 16:39

Instrument :

MSVOA_U

ClientSampleId :

F4L62

Tot Ion: 91 Resp: 11461

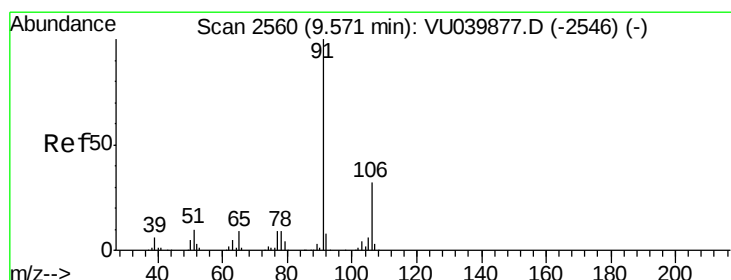
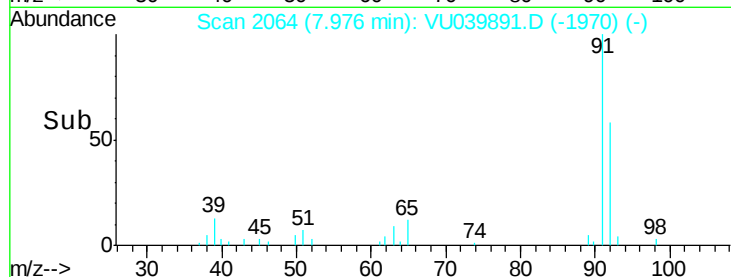
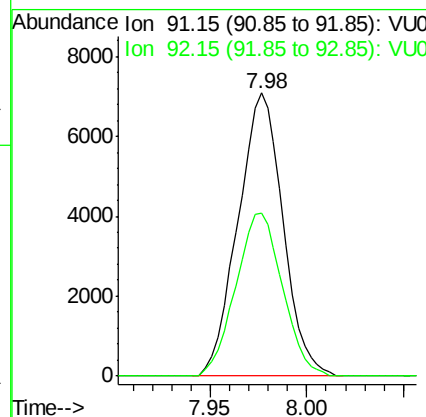
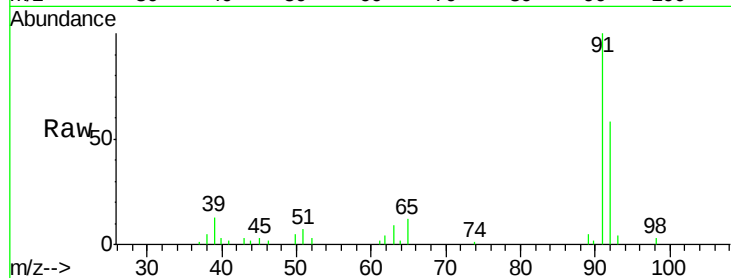
Ion Ratio Lower Upper

91 100

92 57.7 41.6 77.3

Manual Integrations
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#52

Ethylbenzene

Concen: 0.283 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU039891.D

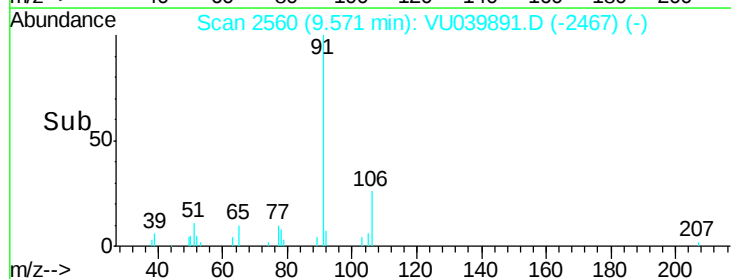
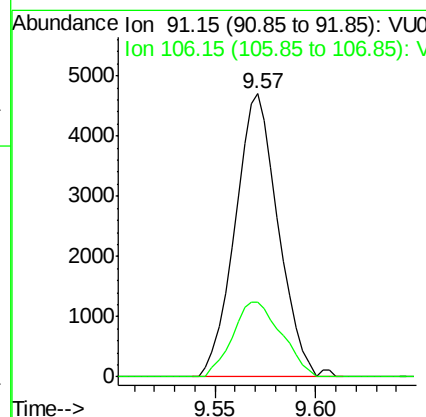
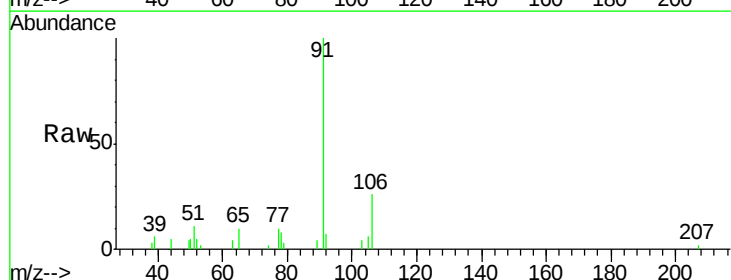
Acq: 17 Aug 2020 16:39

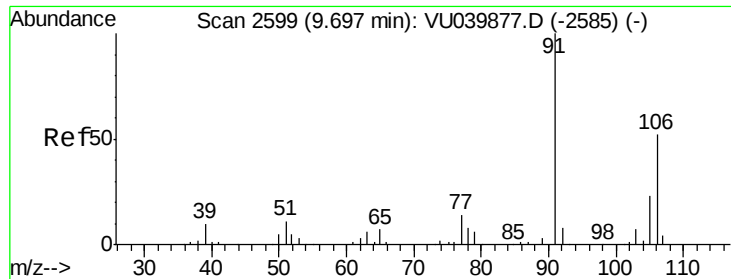
Tgt Ion: 91 Resp: 7038

Ion Ratio Lower Upper

91 100

106 26.5 22.8 42.4





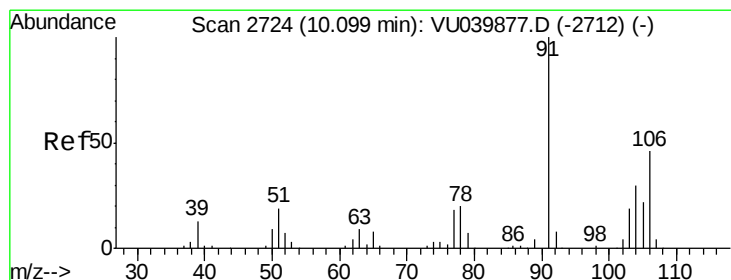
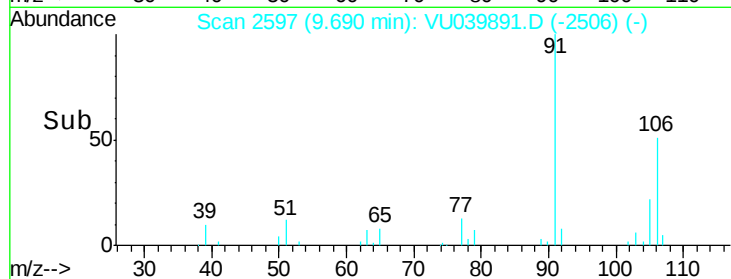
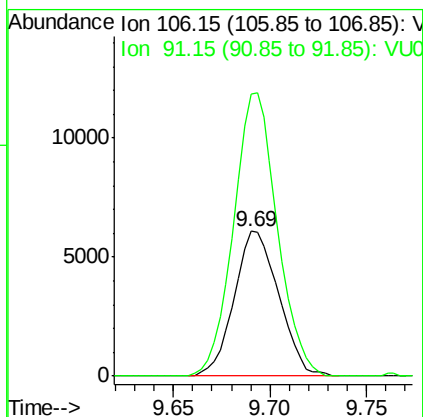
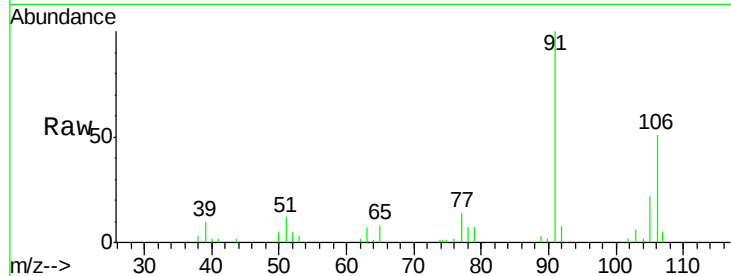
#53
m,p-Xylene
Concen: 1.028 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.01 min
Lab File: VU039891.D
Acq: 17 Aug 2020 16:39

Instrument :
MSVOA_U
ClientSampled :
F4L62

Tot Ion:106 Resp: 9739
Ion Ratio Lower Upper
106 100
91 194.9 135.5 251.7

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#54
o-Xylene
Concen: 0.285 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU039891.D
Acq: 17 Aug 2020 16:39

Tgt Ion:106 Resp: 2644
Ion Ratio Lower Upper
106 100
91 188.1 140.8 261.6

