

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111920\
 Data File : VU041318.D
 Acq On : 18 Nov 2020 17:50
 Operator : SY/MD
 Sample : L4790-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4386

Quant Time: Nov 19 01:00:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 19 00:50:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	59246	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	63787	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26046	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21297	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.92	69	19396	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.58	63	35070	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.66	46	58986	32.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.66%
24) Chloroform-d	5.08	84	48589	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.72	65	29609	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.74	84	82160	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.70	67	28696	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.91	98	65536	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	8.18	79	11224	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.64	63	60250	44.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.46%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25716	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	26772	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

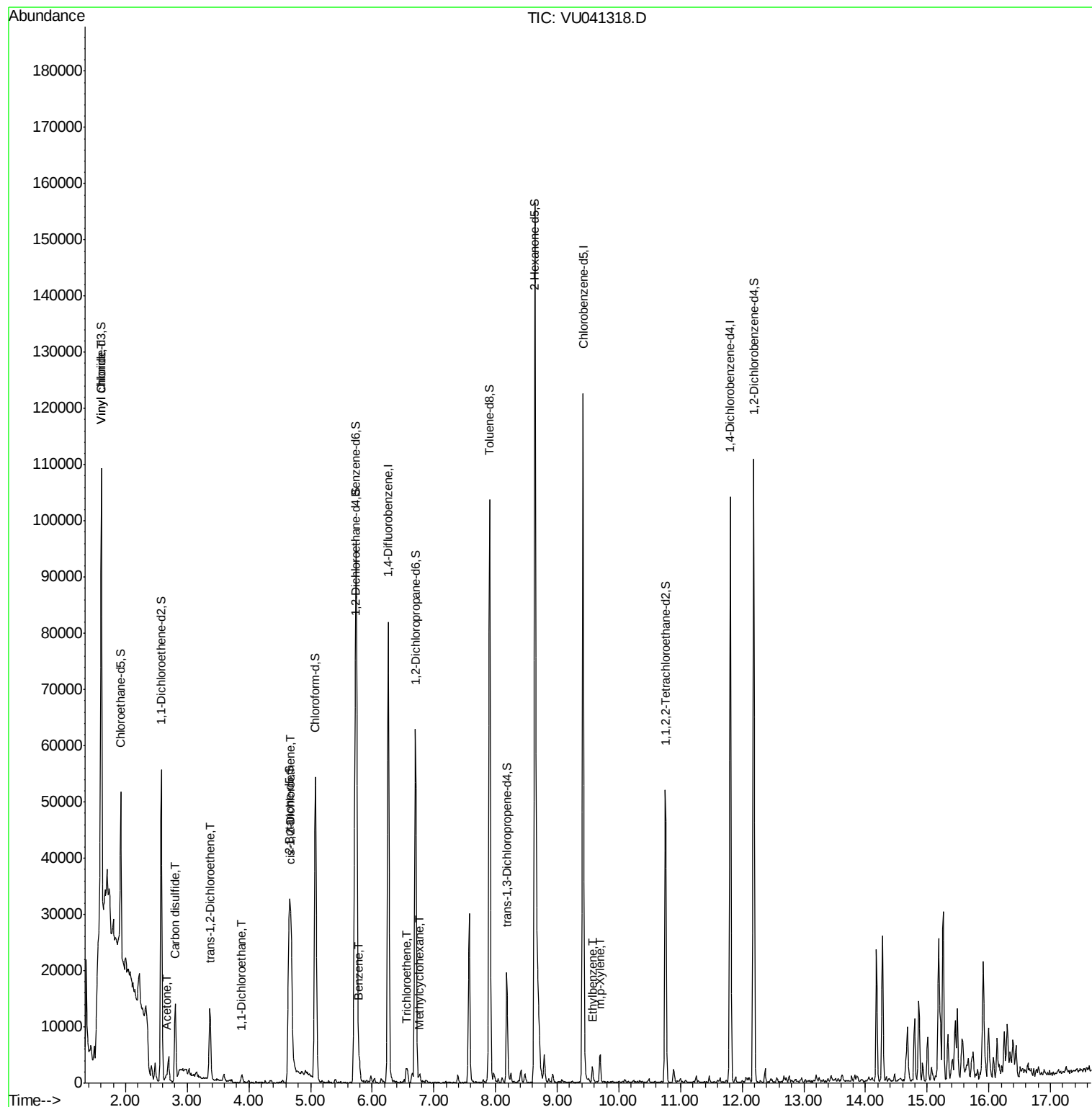
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	28494	5.540	ug/L #	1
13) Acetone	2.66	43	2599	2.180	ug/L	84
14) Carbon disulfide	2.81	76	18561	1.635	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	4708	1.253	ug/L	92
19) 1,1-Dichloroethane	3.88	63	2213	0.264	ug/L	89
22) cis-1,2-Dichloroethene	4.68	96	8247	1.944	ug/L	94
33) Benzene	5.79	78	4054	0.235	ug/L	100
34) Trichloroethene	6.55	95	969	0.207	ug/L	84
35) Methylcyclohexane	6.77	83	602	0.097	ug/L #	71
52) Ethylbenzene	9.57	91	2232	0.113	ug/L	94
53) m,p-Xylene	9.70	106	1163	0.163	ug/L	88

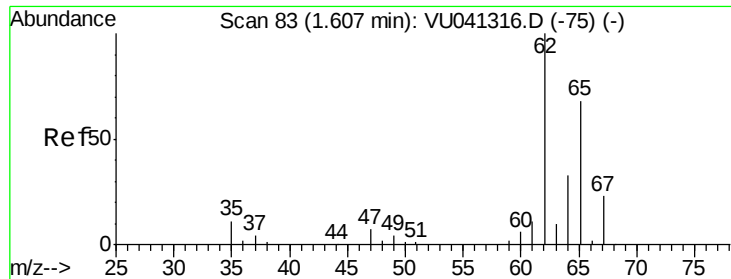
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.540 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041318.D

Acq: 18 Nov 2020 17:50

Instrument :

MSVOA_U

ClientSampleId :

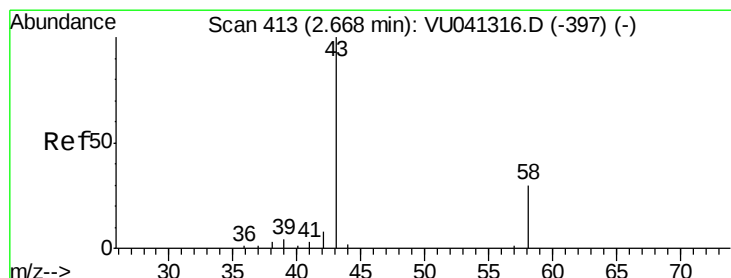
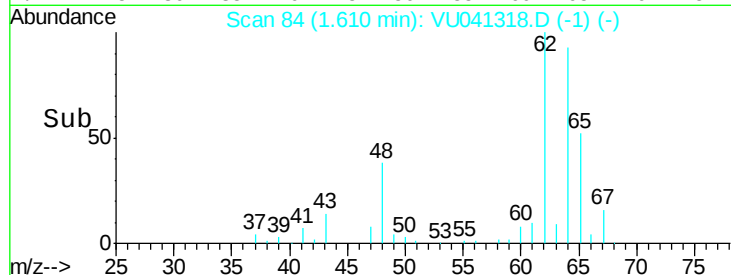
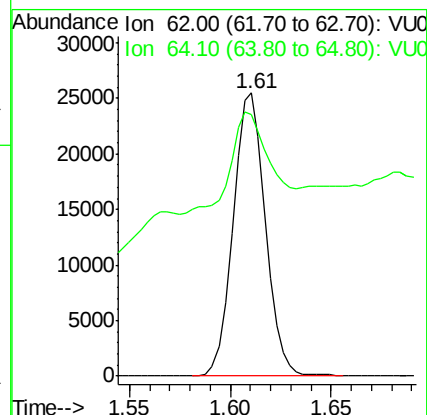
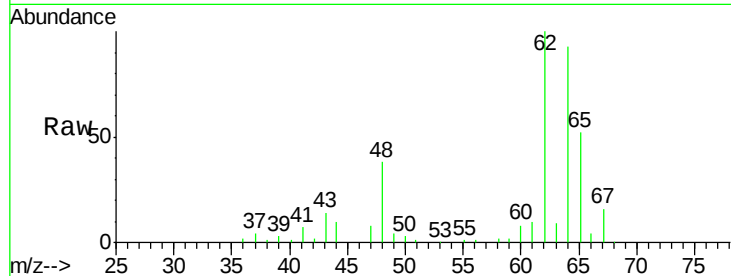
H4386

Tot Ion: 62 Resp: 28494

Ion Ratio Lower Upper

62 100

64 92.5 22.7 42.3#



#13

Acetone

Concen: 2.180 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU041318.D

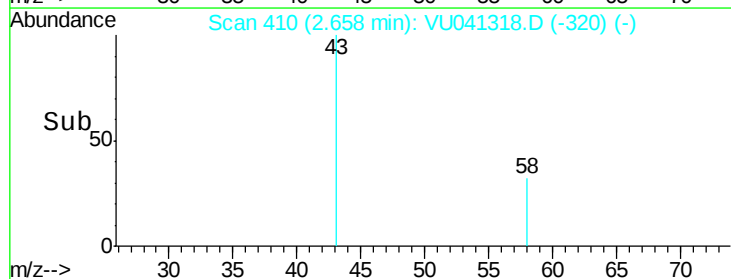
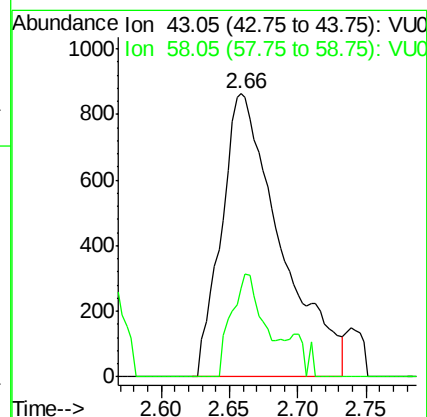
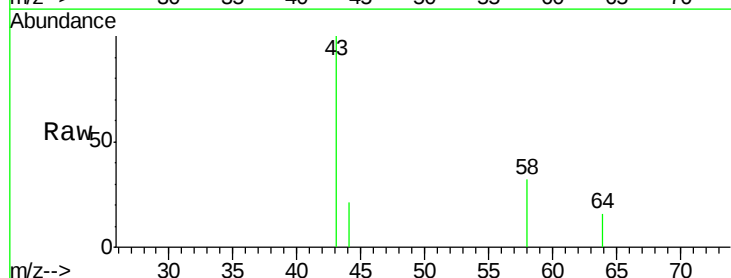
Acq: 18 Nov 2020 17:50

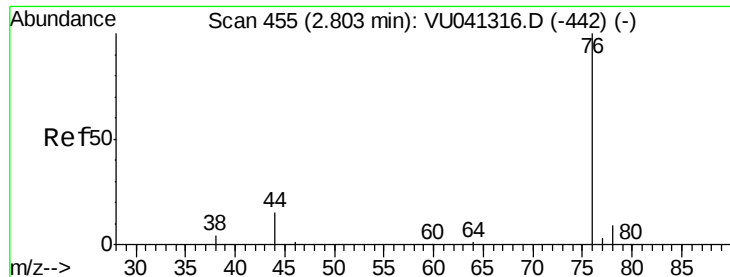
Tgt Ion: 43 Resp: 2599

Ion Ratio Lower Upper

43 100

58 19.2 0.0 25.4





#14

Carbon disulfide

Concen: 1.635 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU041318.D

Acq: 18 Nov 2020 17:50

Instrument :

MSVOA_U

ClientSampled :

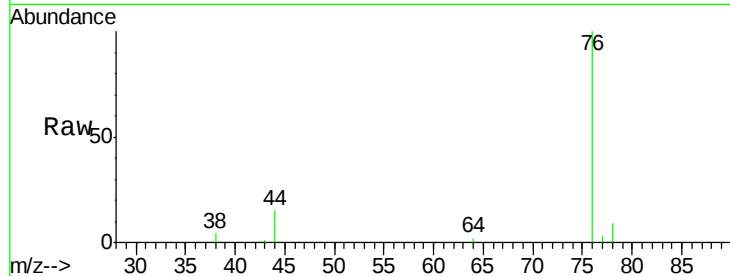
H4386

Tot Ion: 76 Resp: 18561

Ion Ratio Lower Upper

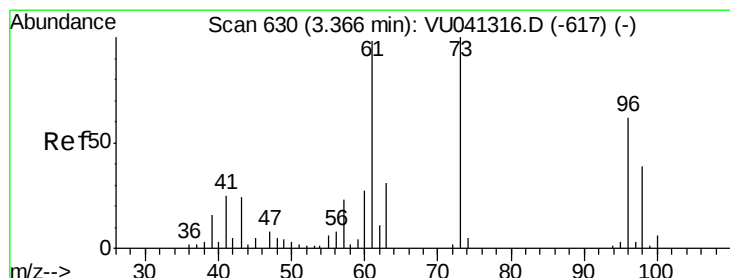
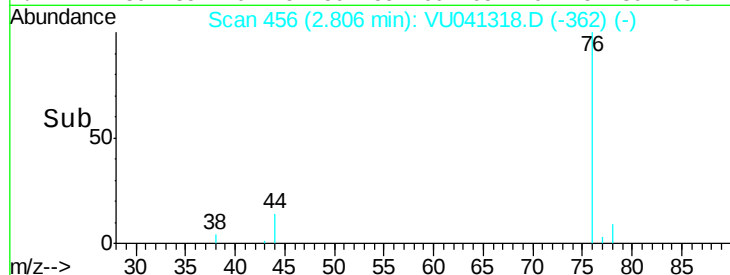
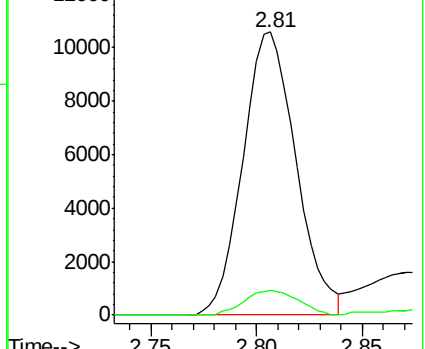
76 100

78 8.7 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0



#18

trans-1,2-Dichloroethene

Concen: 1.253 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.01 min

Lab File: VU041318.D

Acq: 18 Nov 2020 17:50

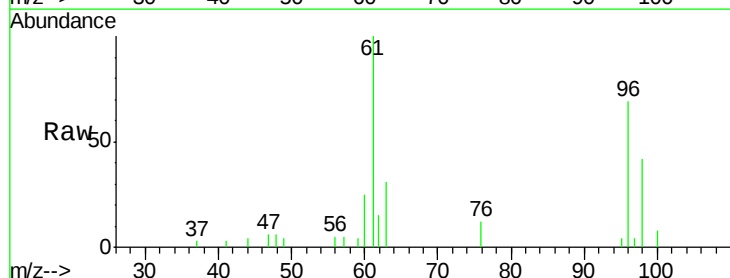
Tgt Ion: 96 Resp: 4708

Ion Ratio Lower Upper

96 100

61 145.9 110.9 205.9

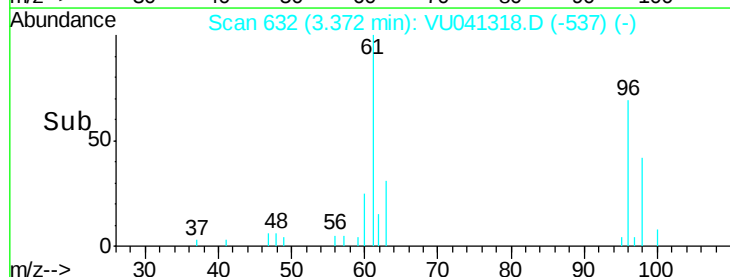
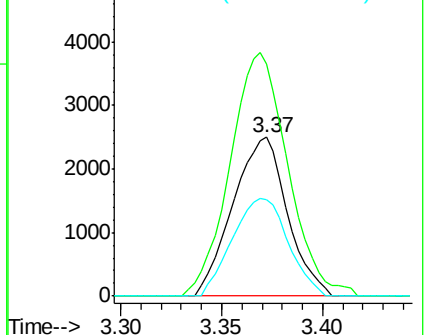
98 60.9 45.4 84.2

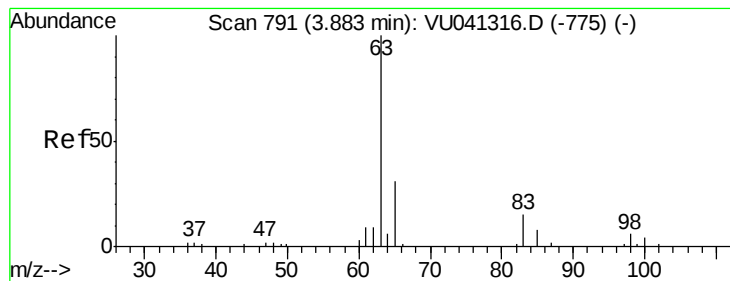


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#19

1,1-Dichloroethane

Concen: 0.264 ug/L

RT: 3.88 min Scan# 791

Delta R.T. 0.00 min

Lab File: VU041318.D

Acq: 18 Nov 2020 17:50

Instrument :

MSVOA_U

ClientSampled :

H4386

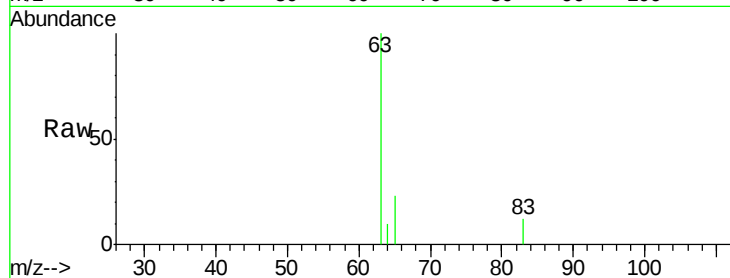
Tot Ion: 63 Resp: 2213

Ion Ratio Lower Upper

63 100

65 22.8 21.3 39.6

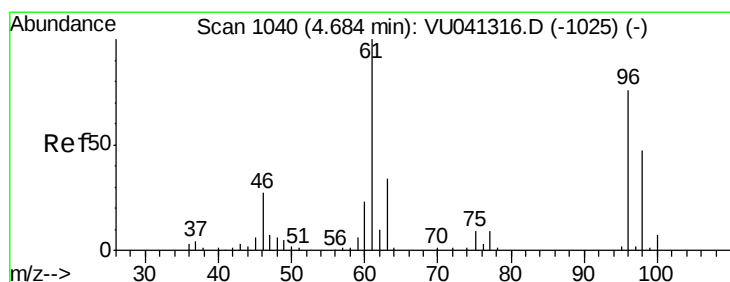
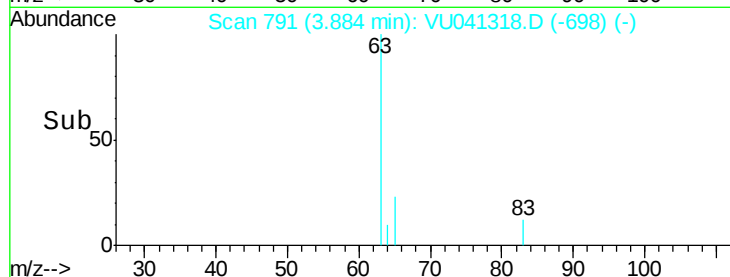
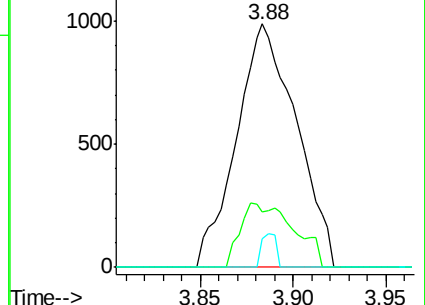
83 11.6 8.8 16.3



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0



#22

cis-1,2-Dichloroethene

Concen: 1.944 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041318.D

Acq: 18 Nov 2020 17:50

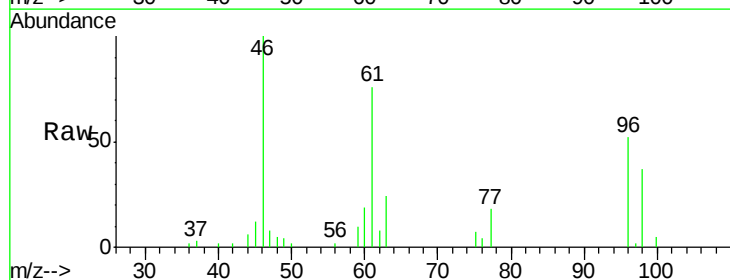
Tgt Ion: 96 Resp: 8247

Ion Ratio Lower Upper

96 100

61 146.0 97.2 180.4

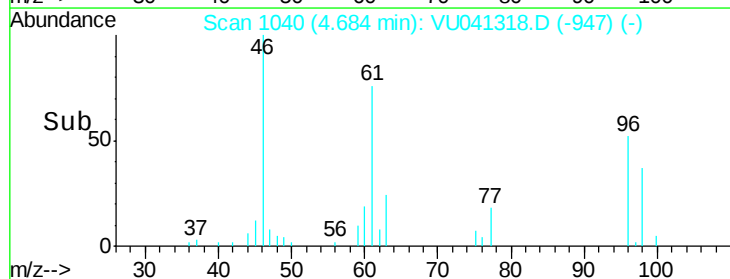
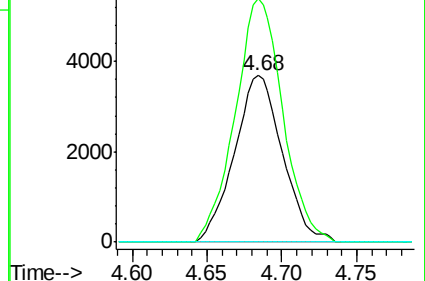
68 0.0 0.0 0.0

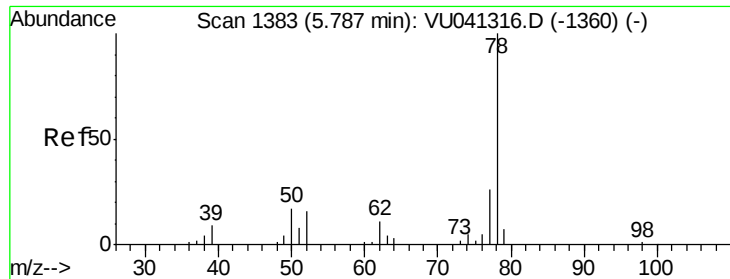


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

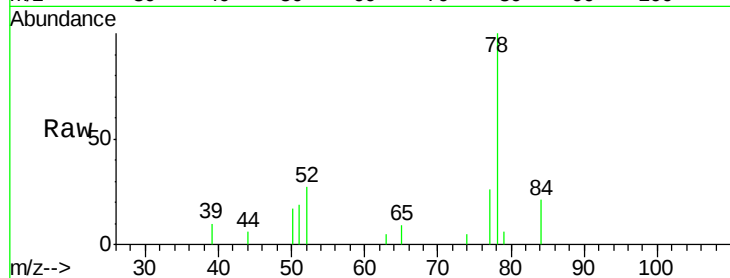




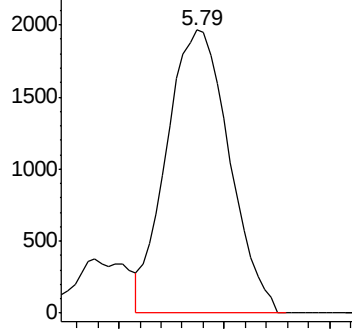
#33
Benzene
Concen: 0.235 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VU041318.D
Acq: 18 Nov 2020 17:50

Instrument :
MSVOA_U
ClientSampleId :
H4386

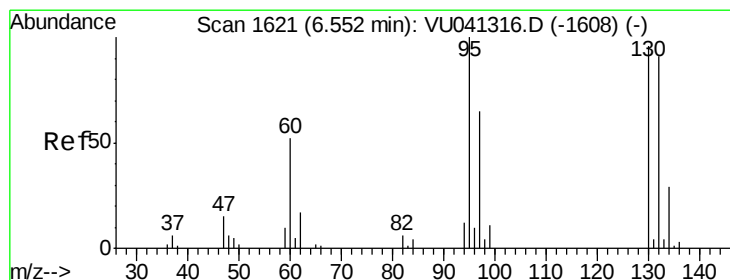
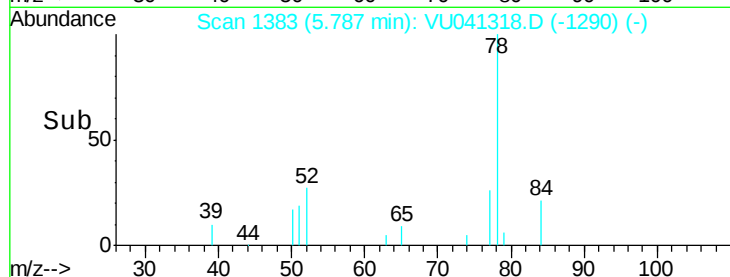
Tgt Ion: 78 Resp: 4054



Abundance Ion 78.10 (77.80 to 78.80): VU0



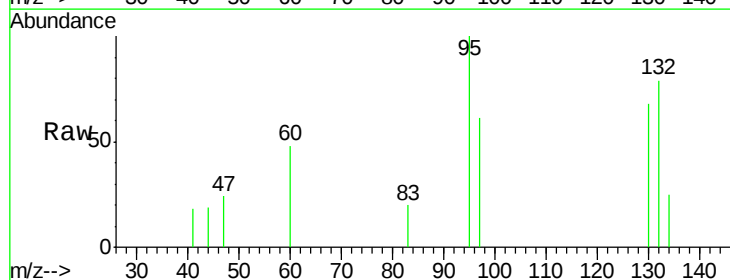
Time-->



#34
Trichloroethene
Concen: 0.207 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041318.D
Acq: 18 Nov 2020 17:50

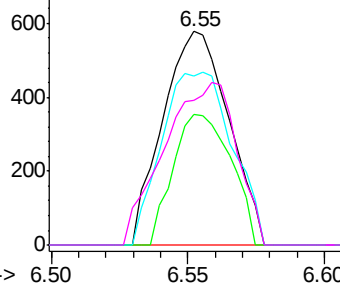
Tgt Ion: 95 Resp: 969

Ion	Ratio	Lower	Upper
95	100		
97	61.2	45.6	84.6
132	79.4	64.8	120.4
130	68.0	64.8	120.4

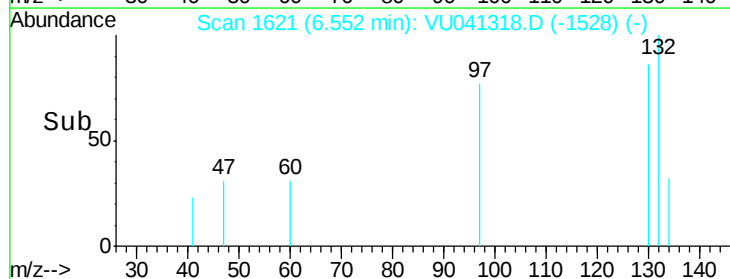


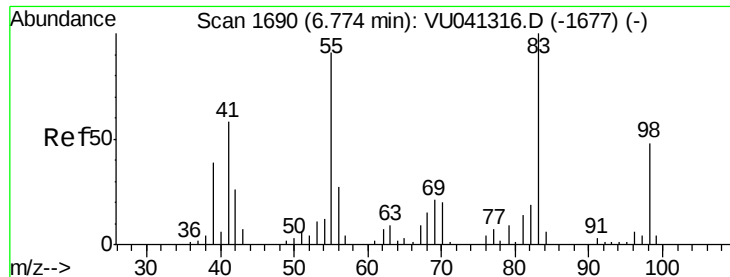
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V



Time-->

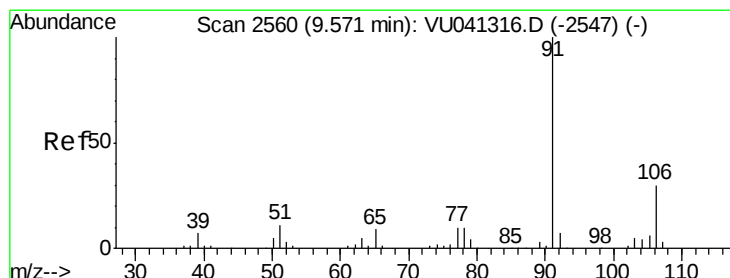
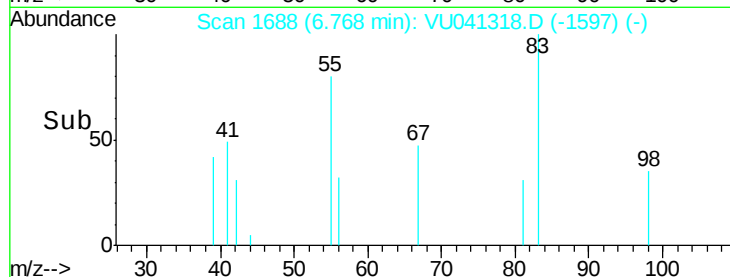
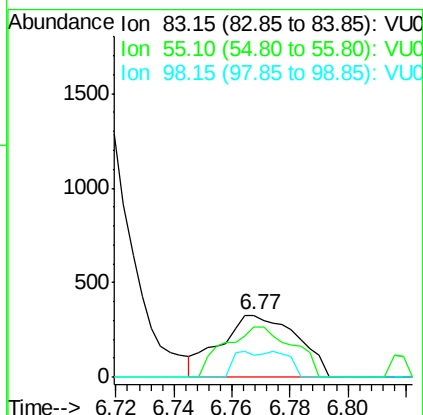
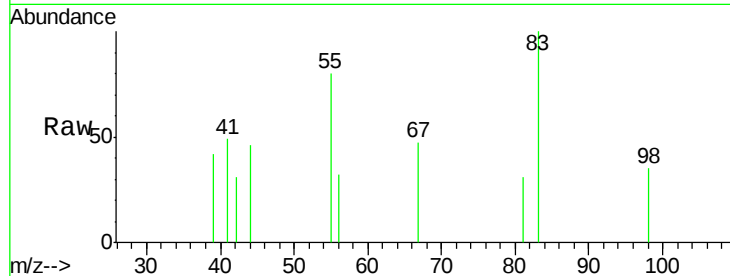




#35
Methylcyclohexane
Concen: 0.097 ug/L
RT: 6.77 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VU041318.D
Acq: 18 Nov 2020 17:50

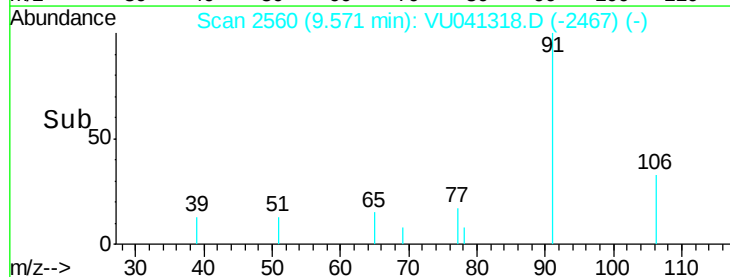
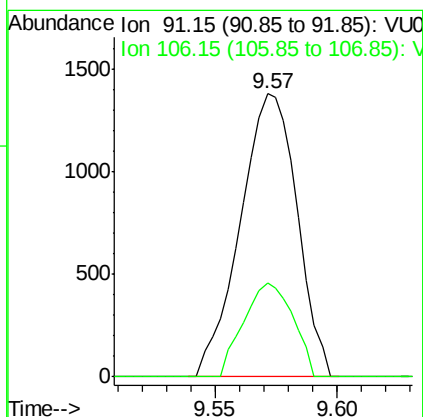
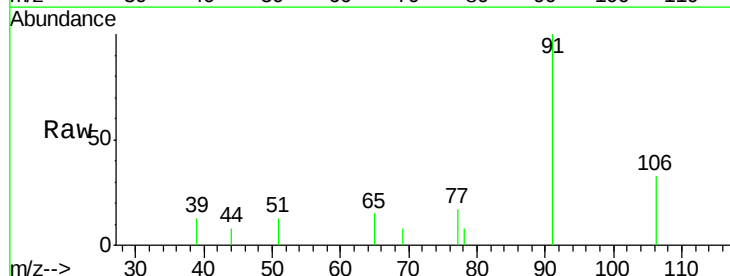
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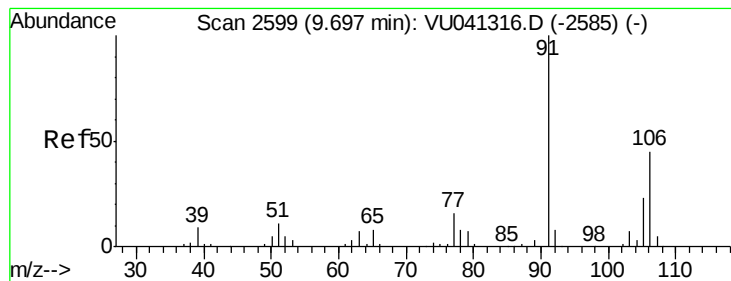
Tot Ion: 83 Resp: 602
Ion Ratio Lower Upper
83 100
55 72.4 72.0 108.0
98 12.3 36.6 55.0#



#52
Ethylbenzene
Concen: 0.113 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU041318.D
Acq: 18 Nov 2020 17:50

Tgt Ion: 91 Resp: 2232
Ion Ratio Lower Upper
91 100
106 33.1 21.0 39.0





#53

m,p-Xylene

Concen: 0.163 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU041318.D

Acq: 18 Nov 2020 17:50

Instrument :

MSVOA_U

ClientSampleId :

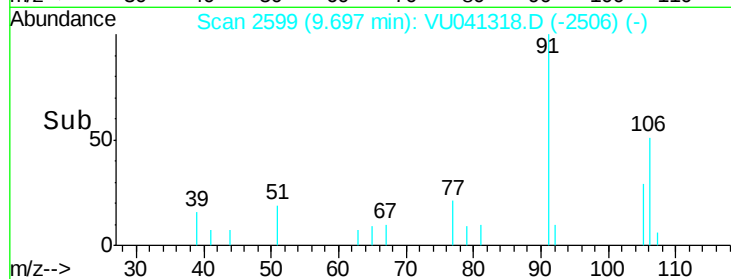
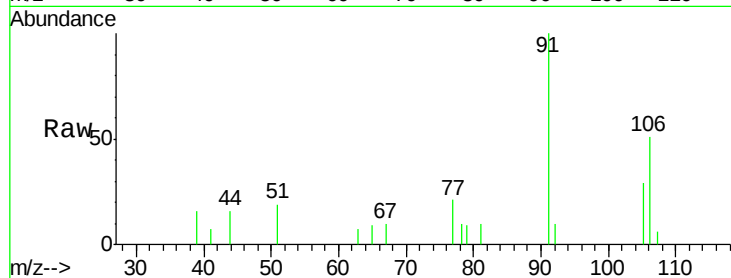
H4386

Tot Ion:106 Resp: 1163

Ion Ratio Lower Upper

106 100

91 196.1 150.9 280.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

