

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
 Data File : VU041177.D
 Acq On : 10 Nov 2020 14:46
 Operator : SY/MD
 Sample : L4673-14MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T3MS

Quant Time: Nov 11 01:54:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 11 00:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	52725	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	53793	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24553	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15172	3.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.40%
7) Chloroethane-d5	1.92	69	14349	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.58	63	36158	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	4.66	46	84898	58.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.40%
24) Chloroform-d	5.08	84	40230	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.72	65	26449	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.74	84	69113	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.70	67	24479	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.91	98	55319	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	8.19	79	10347	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.64	63	68185	62.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.74%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	24013	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	24709	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%

Target Compounds

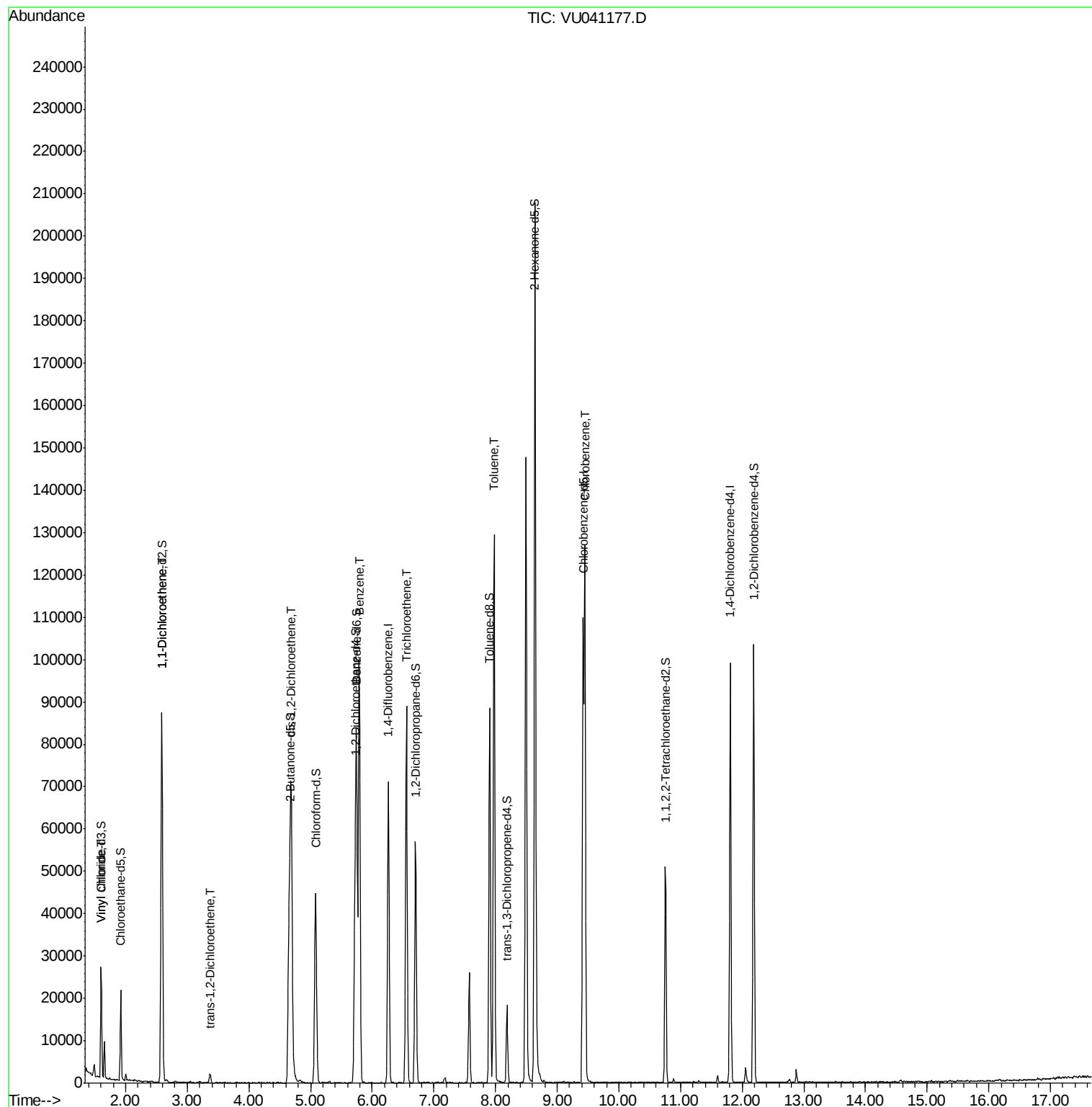
					Ovalue
5) Vinyl chloride	1.61	62	2461	0.497 ug/L	98
12) 1,1-Dichloroethene	2.59	96	20437	5.487 ug/L	88
18) trans-1,2-Dichloroethene	3.37	96	903	0.239 ug/L	87
22) cis-1,2-Dichloroethene	4.69	96	25787	6.605 ug/L	98
33) Benzene	5.79	78	87932	5.471 ug/L	100
34) Trichloroethene	6.56	95	29081	7.109 ug/L	98
42) Toluene	7.98	91	88444	5.426 ug/L	98
51) Chlorobenzene	9.45	112	59995	5.805 ug/L	98

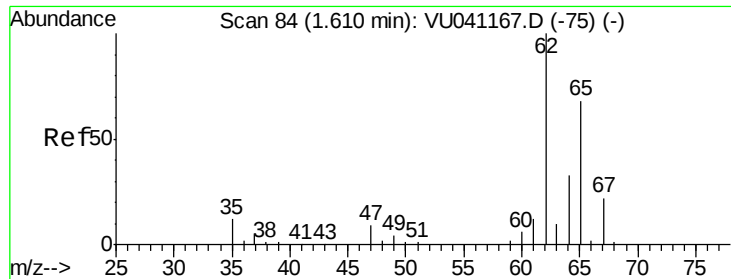
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 11 00:43:53 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.497 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041177.D

Acq: 10 Nov 2020 14:46

Instrument :

MSVOA_U

ClientSampled :

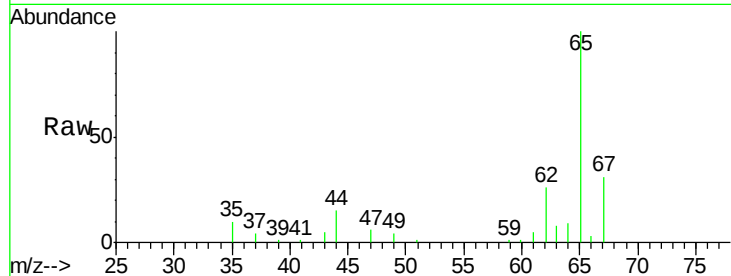
GB0T3MS

Tot Ion: 62 Resp: 2461

Ion Ratio Lower Upper

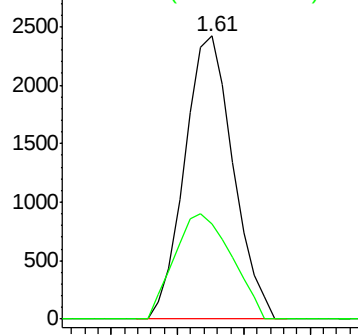
62 100

64 33.5 22.7 42.3

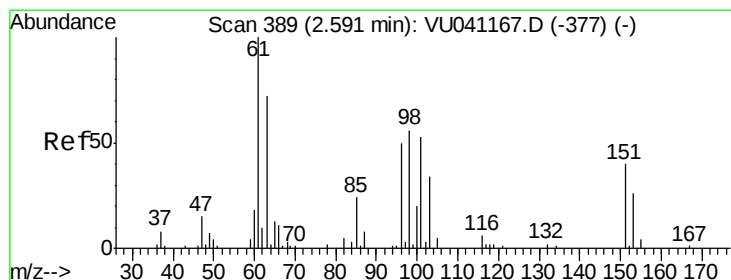
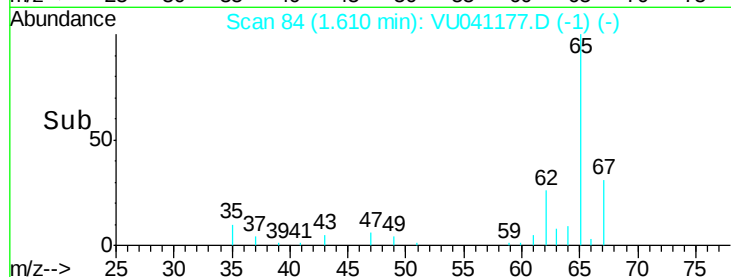


Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



Time-->



#12

1,1-Dichloroethene

Concen: 5.487 ug/L

RT: 2.59 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU041177.D

Acq: 10 Nov 2020 14:46

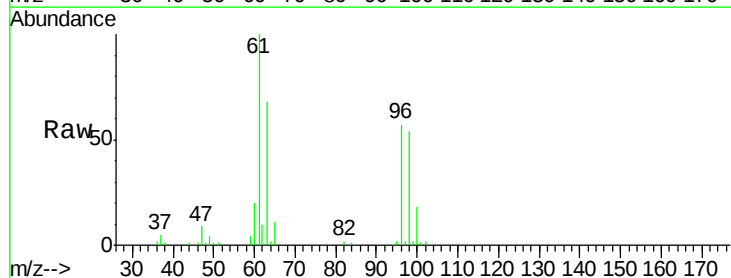
Tgt Ion: 96 Resp: 20437

Ion Ratio Lower Upper

96 100

61 176.2 134.3 249.5

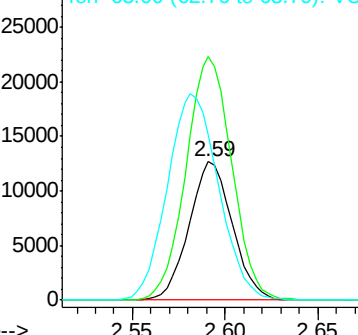
63 119.8 95.0 176.4



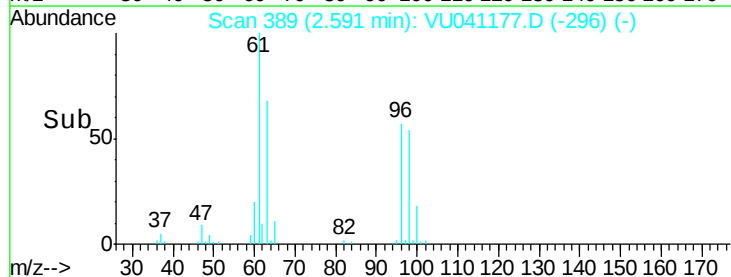
Abundance Ion 96.00 (95.70 to 96.70): VU0

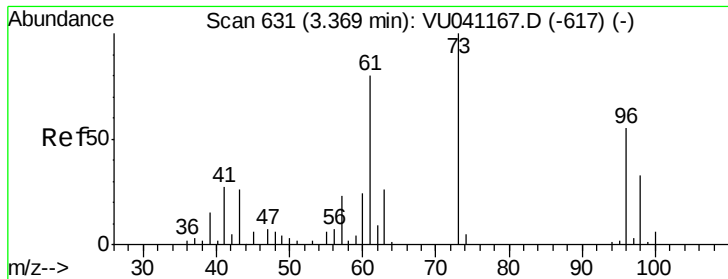
Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



Time-->

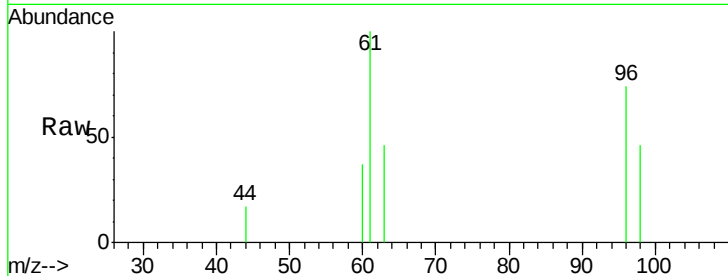




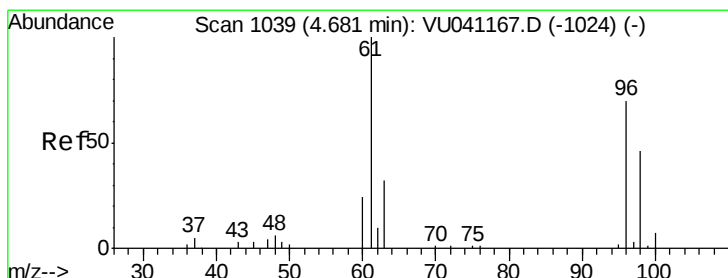
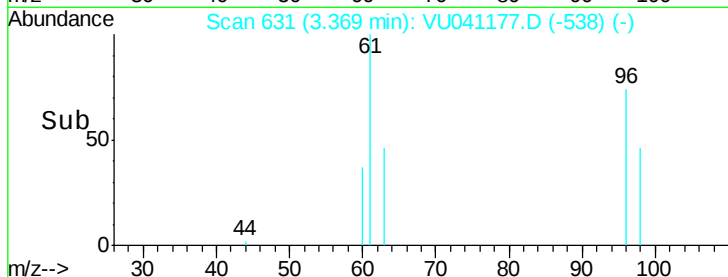
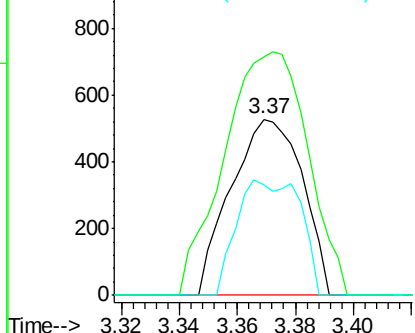
#18
trans-1,2-Dichloroethene
Concen: 0.239 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041177.D
Acq: 10 Nov 2020 14:46

Instrument :
MSVOA_U
ClientSampleId :
GB0T3MS

Tot Ion: 96 Resp: 903
Ion Ratio Lower Upper
96 100
61 135.3 110.9 205.9
98 62.6 45.4 84.2

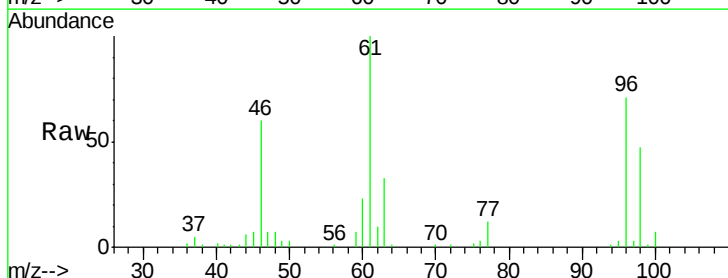


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

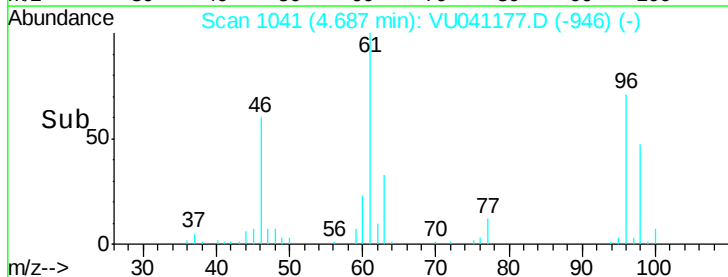
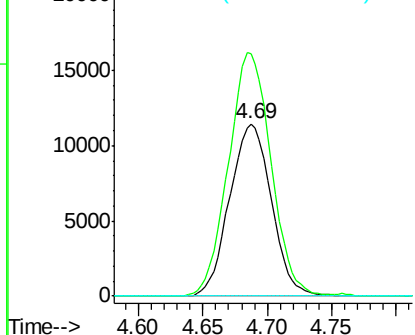


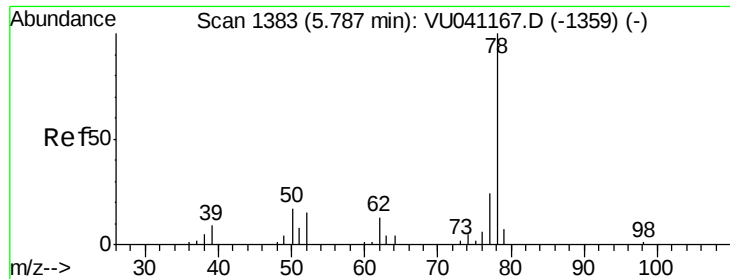
#22
cis-1,2-Dichloroethene
Concen: 6.605 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU041177.D
Acq: 10 Nov 2020 14:46

Tgt Ion: 96 Resp: 25787
Ion Ratio Lower Upper
96 100
61 140.6 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: 5.471 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU041177.D

Acq: 10 Nov 2020 14:46

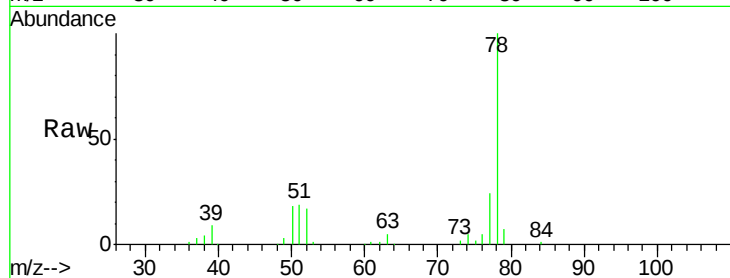
Instrument :

MSVOA_U

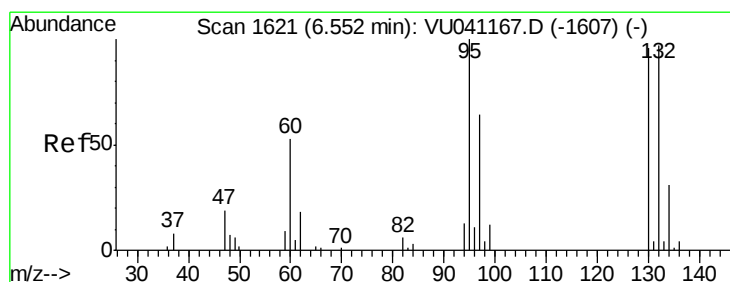
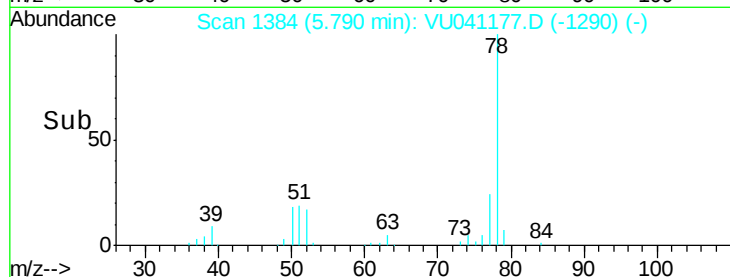
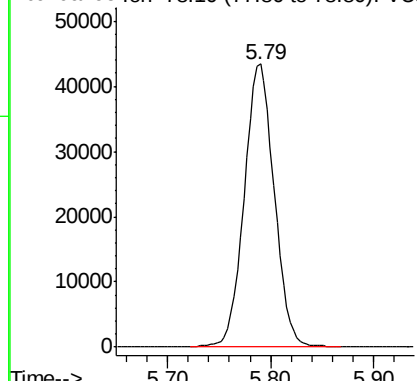
ClientSampleId :

GB0T3MS

Tgt Ion: 78 Resp: 87932



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 7.109 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041177.D

Acq: 10 Nov 2020 14:46

Tgt Ion: 95 Resp: 29081

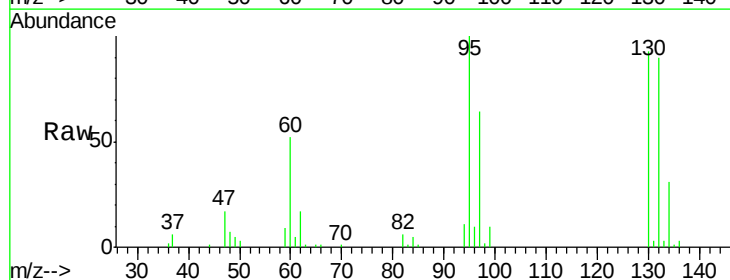
Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.6	84.6
132	89.7	64.8	120.4
130	93.2	64.8	120.4

95 100

97 64.2 45.6 84.6

132 89.7 64.8 120.4

130 93.2 64.8 120.4

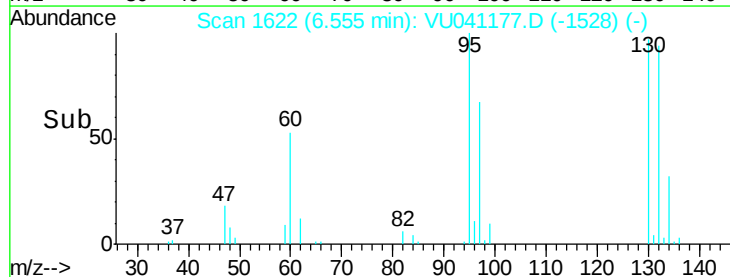
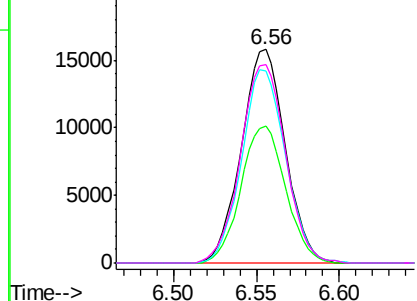


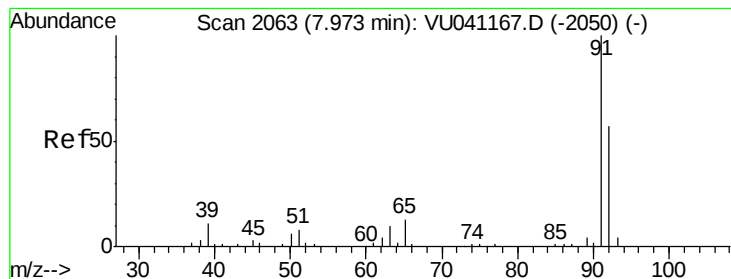
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#42

Toluene

Concen: 5.426 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041177.D

Acq: 10 Nov 2020 14:46

Instrument :

MSVOA_U

ClientSampleId :

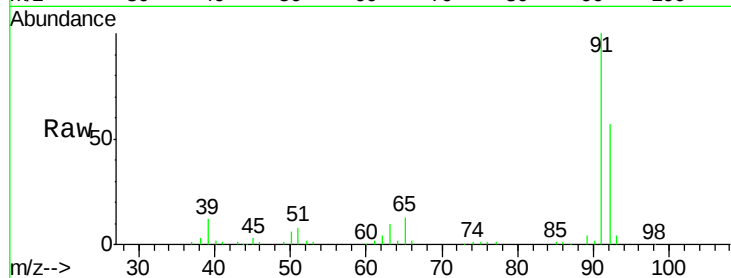
GB0T3MS

Tot Ion: 91 Resp: 88444

Ion Ratio Lower Upper

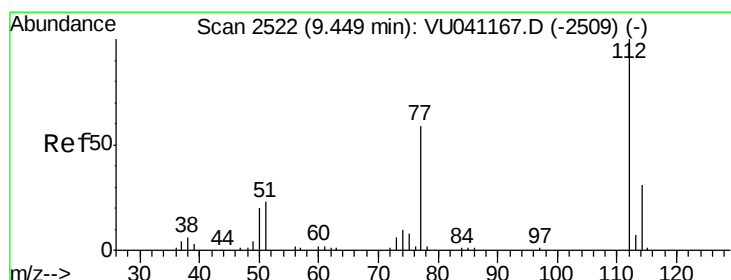
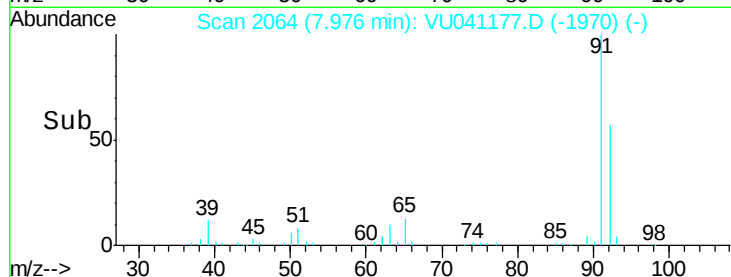
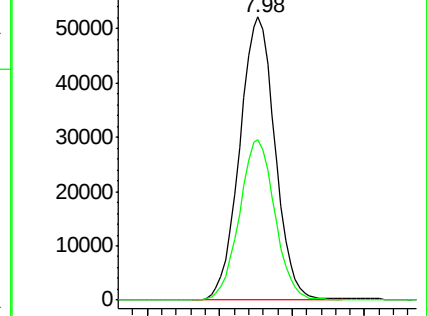
91 100

92 56.8 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU041177.D (-1970) (-)

Ion 92.15 (91.85 to 92.85): VU041177.D (-1970) (-)



#51

Chlorobenzene

Concen: 5.805 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU041177.D

Acq: 10 Nov 2020 14:46

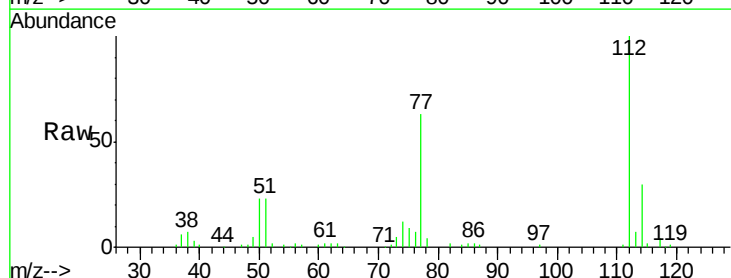
Tgt Ion: 112 Resp: 59995

Ion Ratio Lower Upper

112 100

114 30.3 22.4 41.6

77 63.0 51.2 76.8



Abundance Ion 112.10 (111.80 to 112.80): VU041177.D (-2429) (-)

Ion 114.05 (113.75 to 114.75): VU041177.D (-2429) (-)

Ion 77.10 (76.80 to 77.80): VU041177.D (-2429) (-)

