

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110620\
 Data File : VU041130.D
 Acq On : 06 Nov 2020 22:04
 Operator : SY/MD
 Sample : L4646-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0G3

Quant Time: Nov 06 23:13:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 06 23:04:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	56072	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58911	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25125	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	18692	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.92	69	17188	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.58	63	29582	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.65	46	81344	52.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.88%
24) Chloroform-d	5.08	84	44766	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.72	65	28790	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.74	84	79828	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.70	67	28260	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	7.91	98	65187	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	8.19	79	10158	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.64	63	57911	48.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25161	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	27080	6.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.80%#

Target Compounds

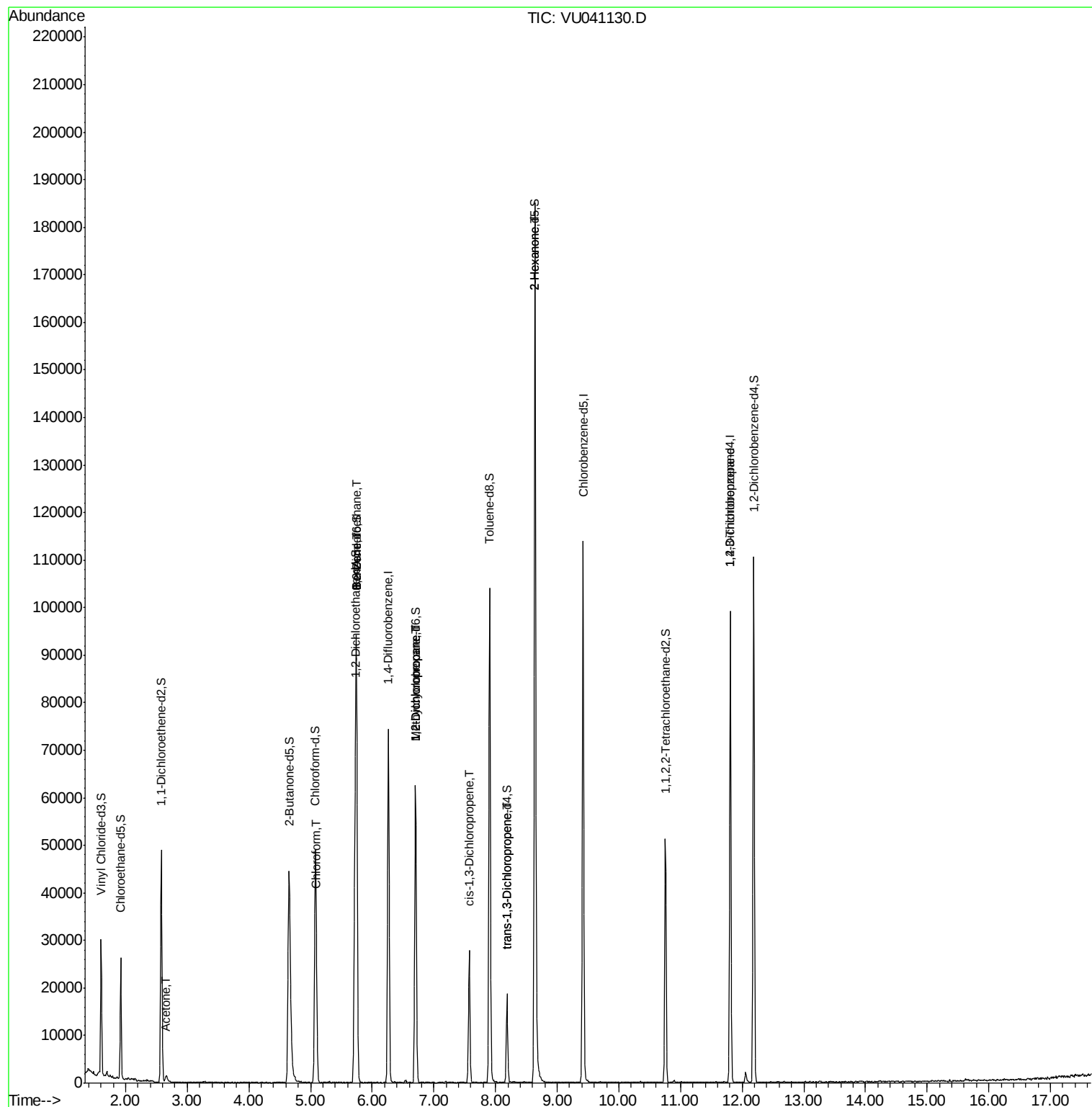
					Ovalue
13) Acetone	2.66	43	2629	2.479 ug/L #	67
25) Chloroform	5.11	83	737	0.091 ug/L	86
27) 1,2-Dichloroethane	5.74	62	498	0.083 ug/L #	74
33) Benzene	5.74	78	578	0.033 ug/L	100
35) Methylcyclohexane	6.70	83	6246	0.935 ug/L #	13
37) 1,2-Dichloropropane	6.70	63	3360	0.705 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	605	0.092 ug/L #	59
44) trans-1,3-Dichloropropene	8.19	75	381	0.062 ug/L #	53
48) 2-Hexanone	8.64	43	8465	2.960 ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	2967	0.836 ug/L #	83

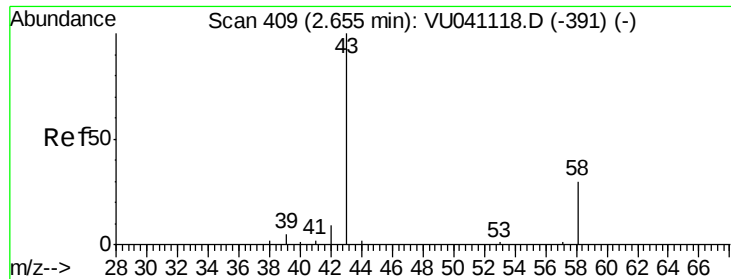
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU110620\
Data File : VU041130.D
Acq On : 06 Nov 2020 22:04
Operator : SY/MD
Sample : L4646-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB0G3

Quant Time: Nov 06 23:13:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 06 23:04:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.479 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU041130.D

Acq: 06 Nov 2020 22:04

Instrument :

MSVOA_U

ClientSampled :

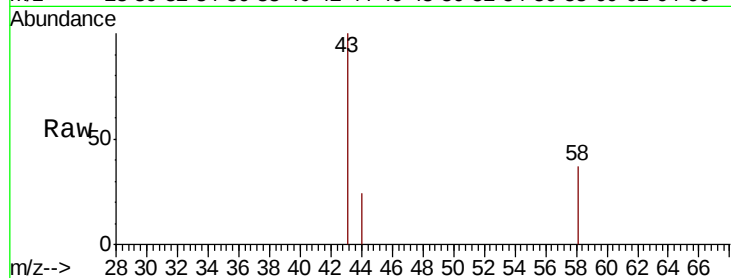
GB0G3

Tot Ion: 43 Resp: 2629

Ion Ratio Lower Upper

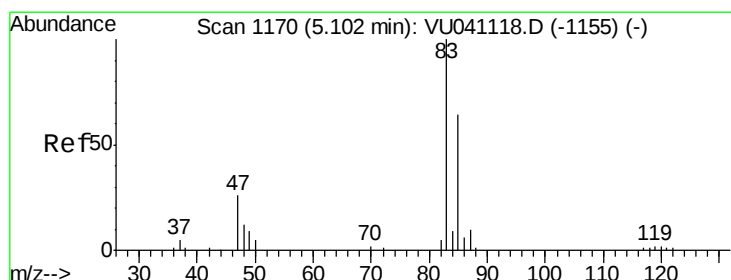
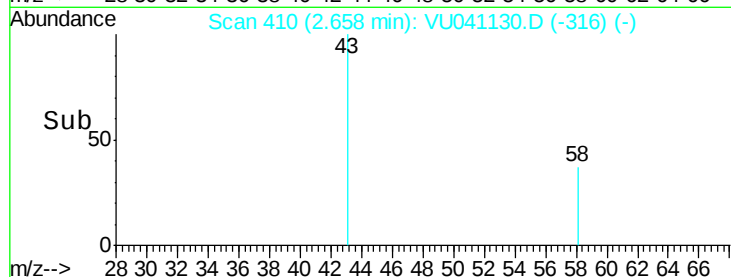
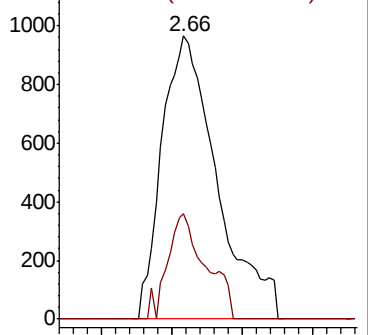
43 100

58 25.8 0.0 25.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#25

Chloroform

Concen: 0.091 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU041130.D

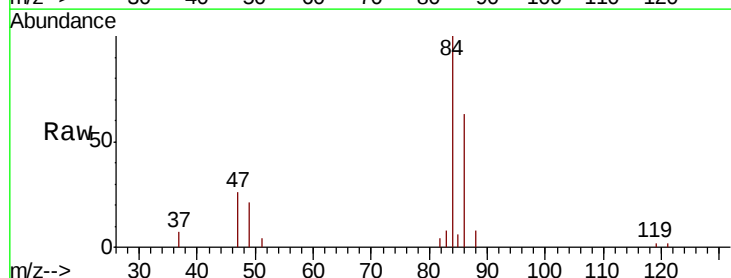
Acq: 06 Nov 2020 22:04

Tgt Ion: 83 Resp: 737

Ion Ratio Lower Upper

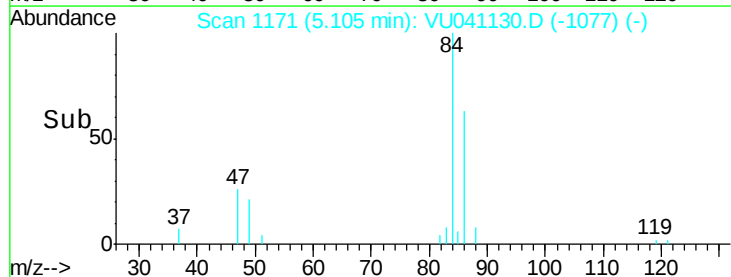
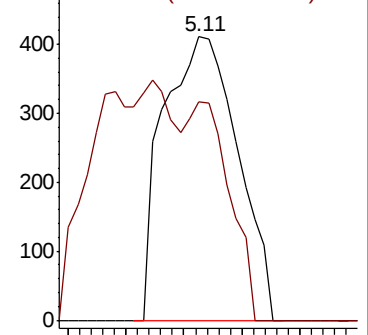
83 100

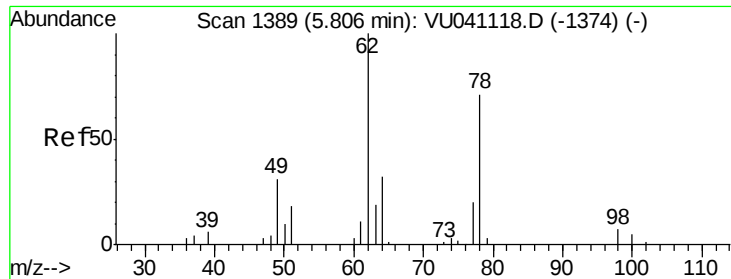
85 77.1 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

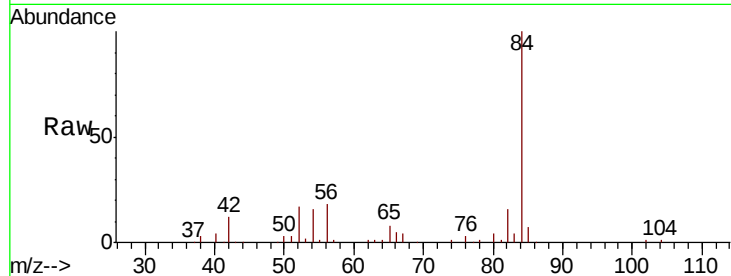




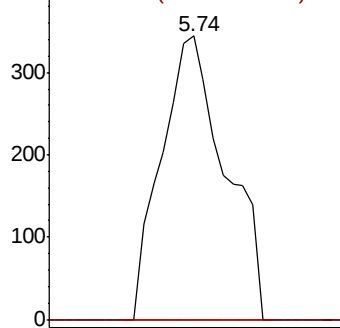
#27
 1,2-Dichloroethane
 Concen: 0.083 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.06 min
 Lab File: VU041130.D
 Acq: 06 Nov 2020 22:04

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0G3

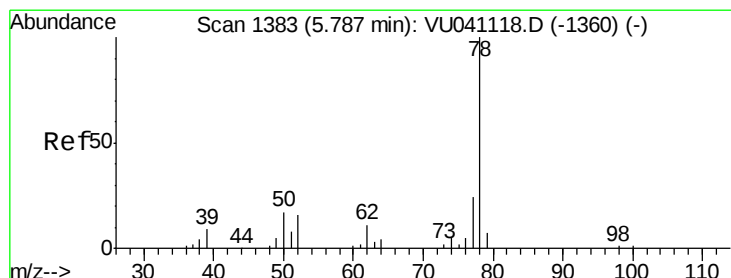
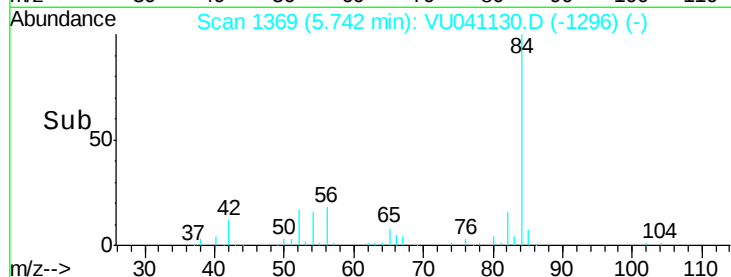
Tot Ion: 62 Resp: 498
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VU041118.D (-1374) (-)
 Ion 98.05 (97.75 to 98.75): VU041118.D (-1374) (-)

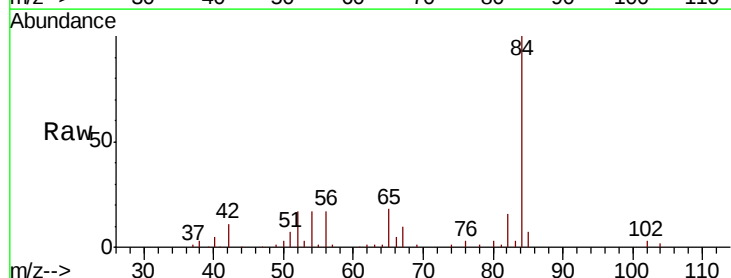


Time--> 5.70 5.72 5.74 5.76 5.78

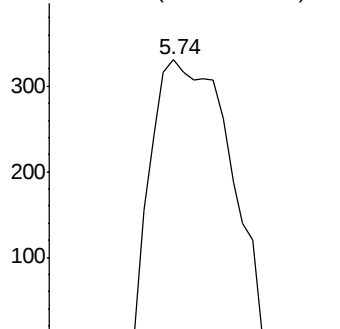


#33
 Benzene
 Concen: 0.033 ug/L
 RT: 5.74 min Scan# 1367
 Delta R.T. -0.05 min
 Lab File: VU041130.D
 Acq: 06 Nov 2020 22:04

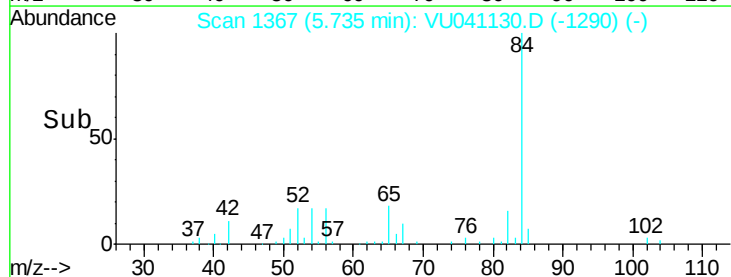
Tgt Ion: 78 Resp: 578

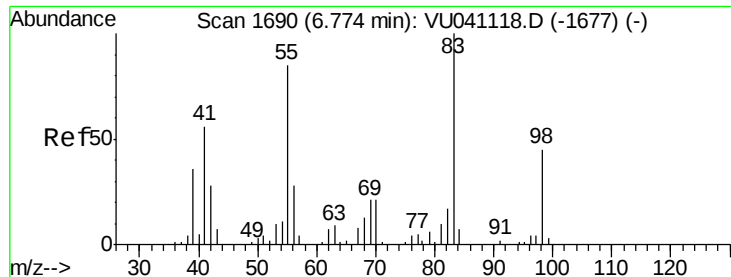


Abundance Ion 78.10 (77.80 to 78.80): VU041118.D (-1360) (-)



Time--> 5.70 5.72 5.74 5.76 5.78

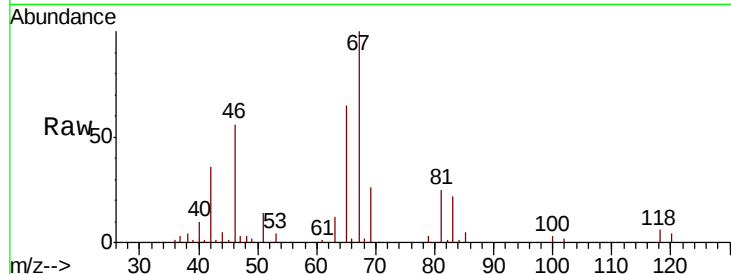




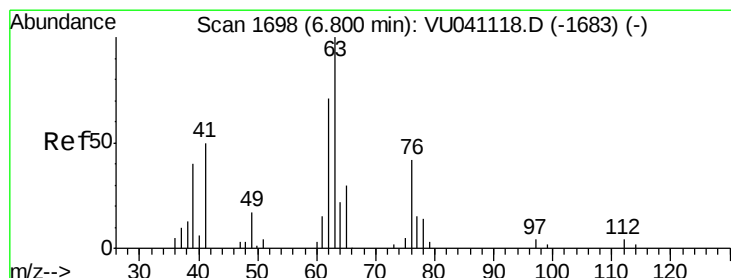
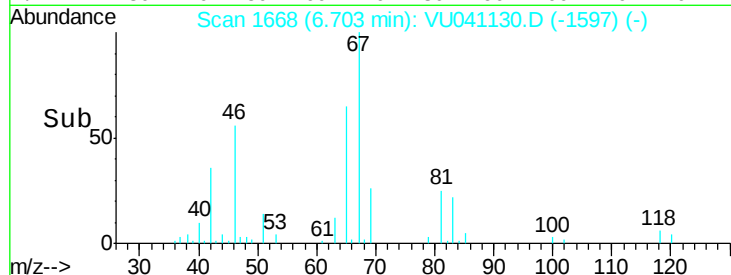
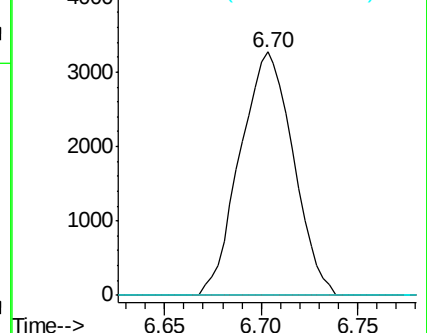
#35
Methvlcvclohexane
Concen: 0.935 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041130.D
Acq: 06 Nov 2020 22:04

Instrument :
MSVOA_U
ClientSampleId :
GB0G3

Tot Ion: 83 Resp: 6246
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.0 36.6 55.0#

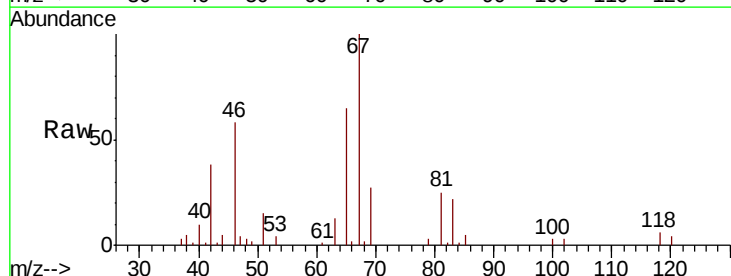


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

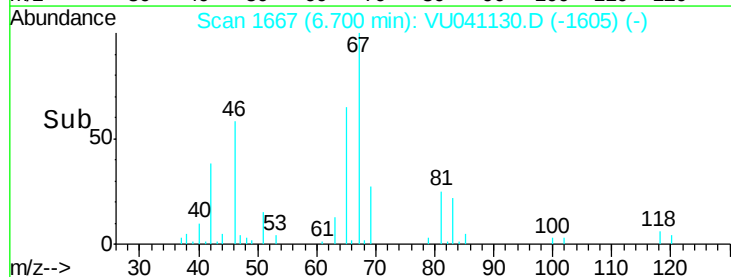
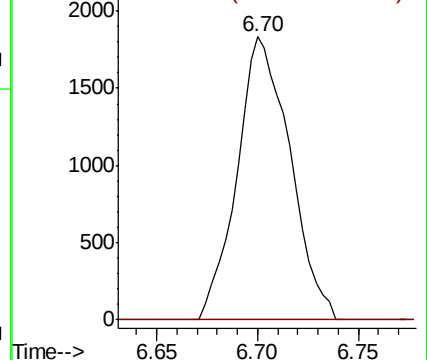


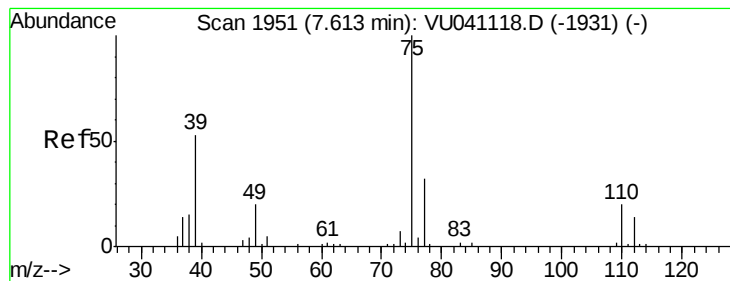
#37
1,2-Dichloropropane
Concen: 0.705 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041130.D
Acq: 06 Nov 2020 22:04

Tgt Ion: 63 Resp: 3360
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU041130.D

Acq: 06 Nov 2020 22:04

Instrument :

MSVOA_U

ClientSampleId :

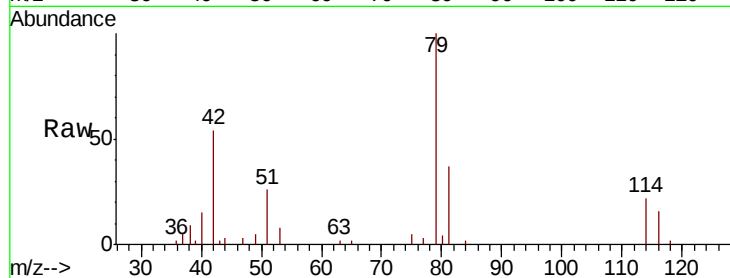
GB0G3

Tot Ion: 75 Resp: 605

Ion Ratio Lower Upper

75 100

77 55.8 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

500

400

300

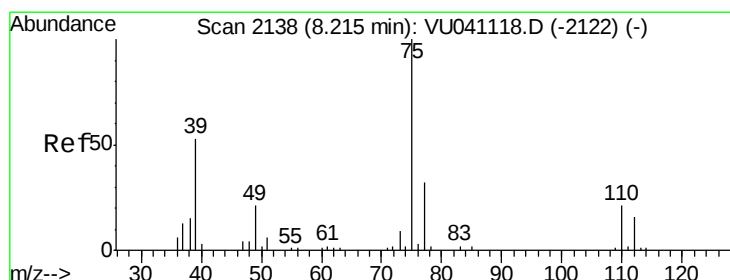
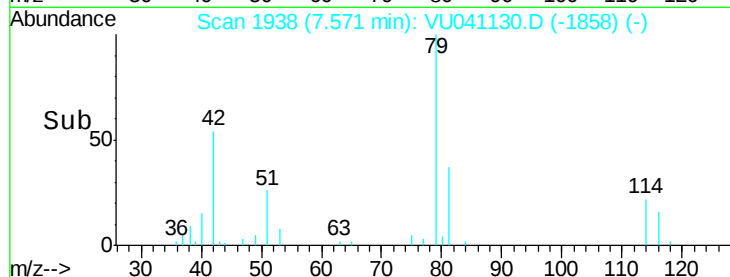
200

100

0

7.54 7.56 7.58 7.60

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.062 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041130.D

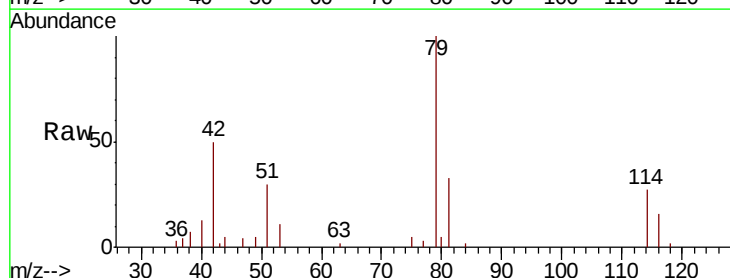
Acq: 06 Nov 2020 22:04

Tgt Ion: 75 Resp: 381

Ion Ratio Lower Upper

75 100

77 59.9 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

300

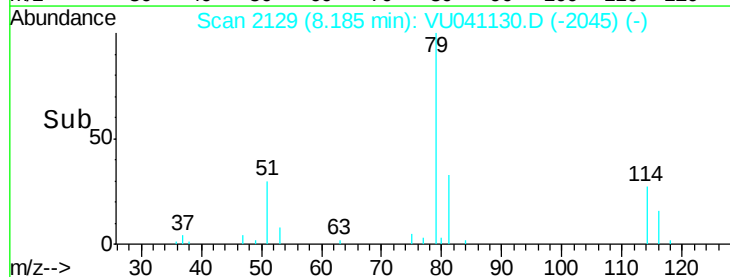
200

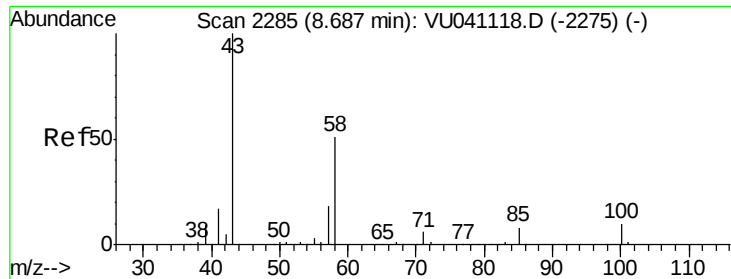
100

0

8.16 8.18 8.20

Time-->

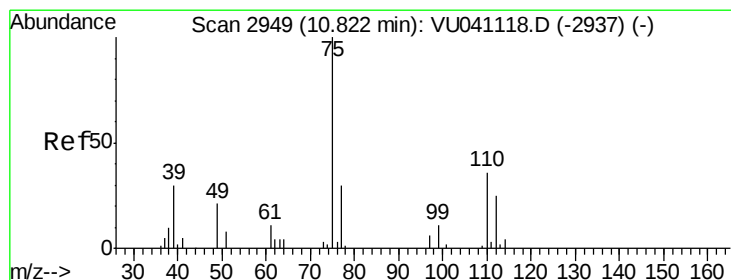
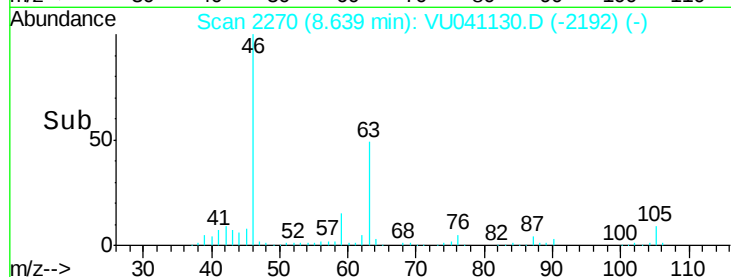
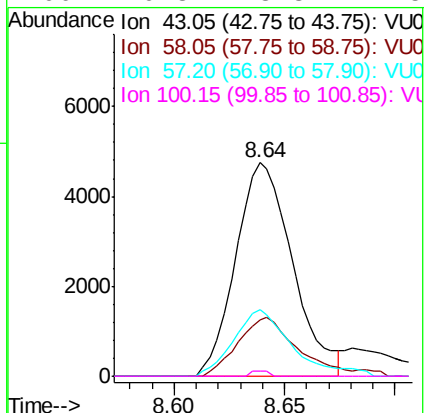
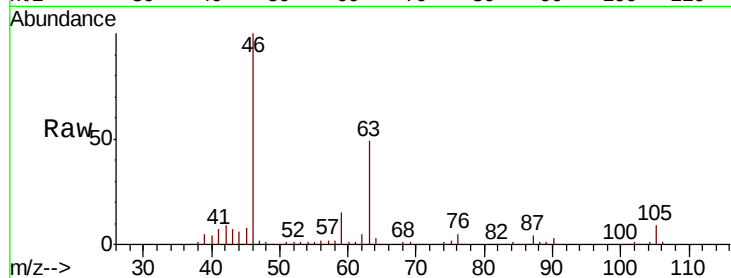




#48
2-Hexanone
Concen: 2.960 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041130.D
Acq: 06 Nov 2020 22:04

Instrument :
MSVOA_U
ClientSampleId :
GB0G3

Tot Ion: 43 Resp: 8465
Ion Ratio Lower Upper
43 100
58 30.0 41.4 62.2#
57 32.0 14.6 21.8#
100 0.8 8.3 12.5#



#59
1,2,3-Trichloropropane
Concen: 0.836 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041130.D
Acq: 06 Nov 2020 22:04

Tgt Ion: 75 Resp: 2967
Ion Ratio Lower Upper
75 100
77 41.6 25.7 38.5#

