

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110620\
 Data File : VU041126.D
 Acq On : 06 Nov 2020 20:31
 Operator : SY/MD
 Sample : L4646-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0F8

Quant Time: Nov 06 23:13:15 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	62366	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65598	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27956	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	19386	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.92	69	17109	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.58	63	30872	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.65	46	84385	48.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.82%
24) Chloroform-d	5.08	84	45959	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.72	65	28352	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.74	84	80881	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.70	67	29434	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.91	98	68544	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.19	79	10654	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.64	63	61260	45.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.90%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25423	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	28984	5.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.20%

Target Compounds

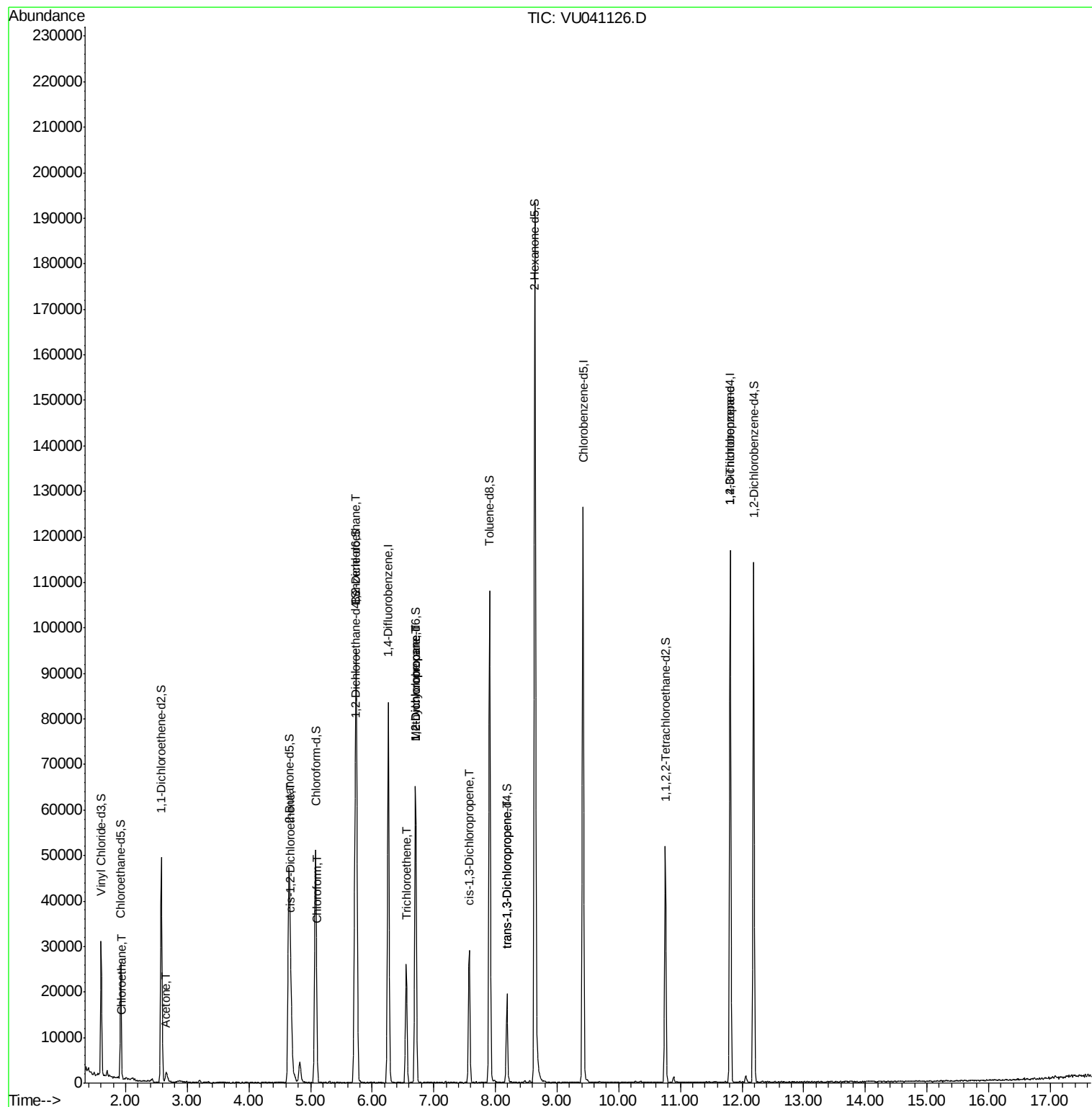
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	154	0.041	ug/L #	43
13) Acetone	2.66	43	4339	3.678	ug/L	74
22) cis-1,2-Dichloroethene	4.69	96	2704	0.586	ug/L	94
25) Chloroform	5.11	83	751	0.084	ug/L	95
27) 1,2-Dichloroethane	5.74	62	491	0.073	ug/L #	74
34) Trichloroethene	6.55	95	8219	1.648	ug/L	97
35) Methylcyclohexane	6.70	83	6811	0.915	ug/L #	15
37) 1,2-Dichloropropane	6.71	63	3145	0.593	ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	678	0.093	ug/L #	72
44) trans-1,3-Dichloropropene	8.18	75	488	0.071	ug/L	97
59) 1,2,3-Trichloropropane	11.81	75	3840	0.971	ug/L	89

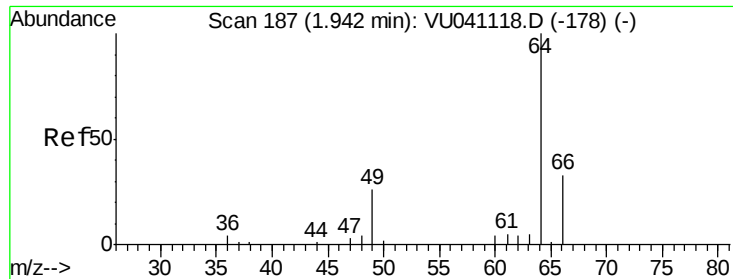
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.041 ug/L

RT: 1.95 min Scan# 189

Delta R.T. 0.01 min

Lab File: VU041126.D

Acq: 06 Nov 2020 20:31

Instrument :

MSVOA_U

ClientSampleId :

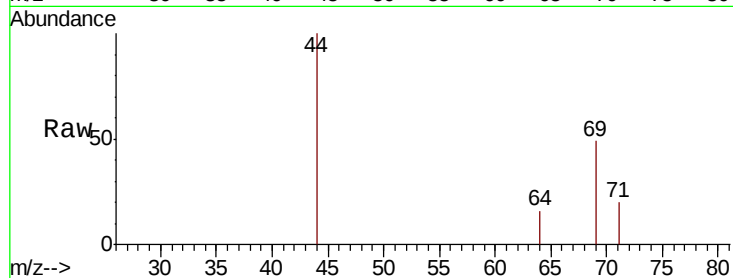
GB0F8

Tot Ion: 64 Resp: 154

Ion Ratio Lower Upper

64 100

66 0.0 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

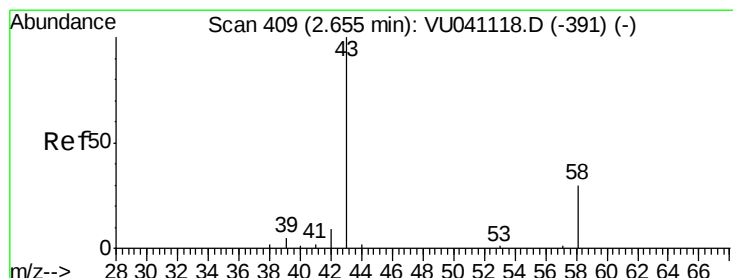
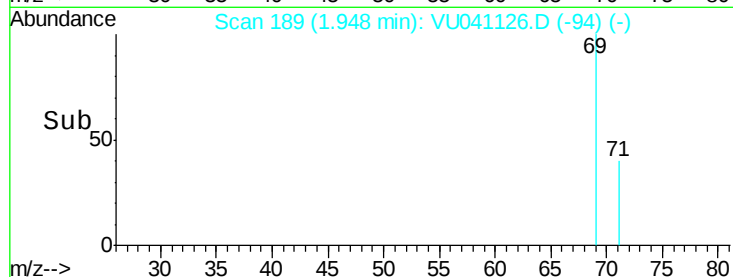
1.95

100

50

0

Time-->



#13

Acetone

Concen: 3.678 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU041126.D

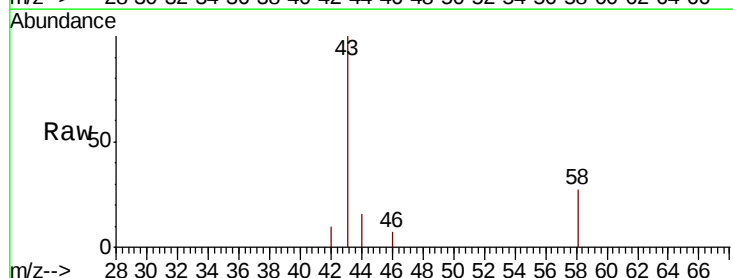
Acq: 06 Nov 2020 20:31

Tgt Ion: 43 Resp: 4339

Ion Ratio Lower Upper

43 100

58 22.9 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.66

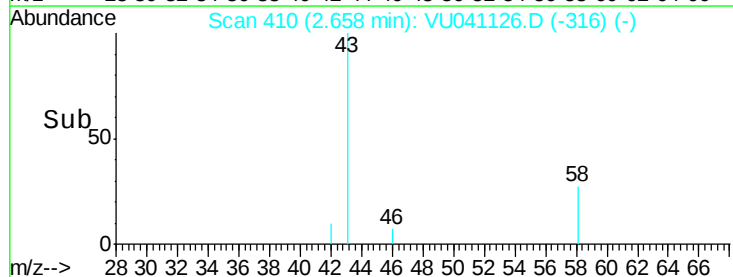
1500

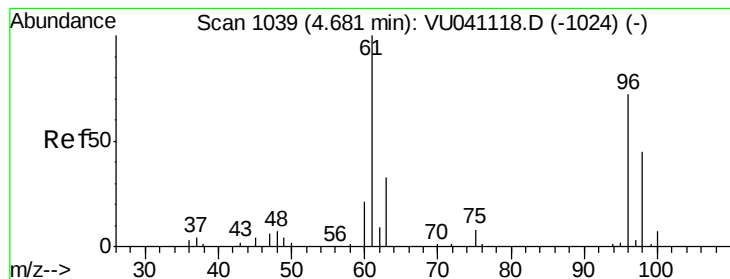
1000

500

0

Time-->





#22

cis-1,2-Dichloroethene

Concen: 0.586 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VU041126.D

Acq: 06 Nov 2020 20:31

Instrument :

MSVOA_U

ClientSampleId :

GB0F8

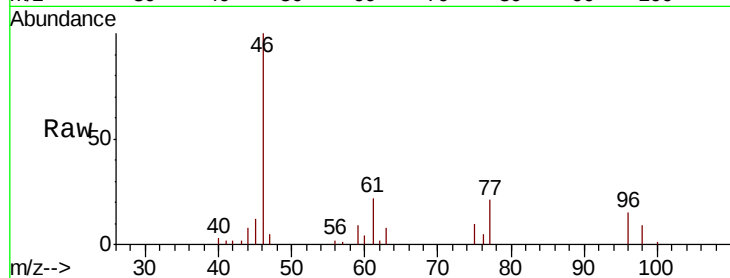
Tot Ion: 96 Resp: 2704

Ion Ratio Lower Upper

96 100

61 145.9 97.2 180.4

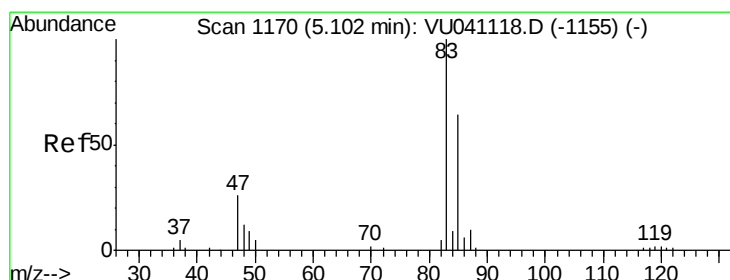
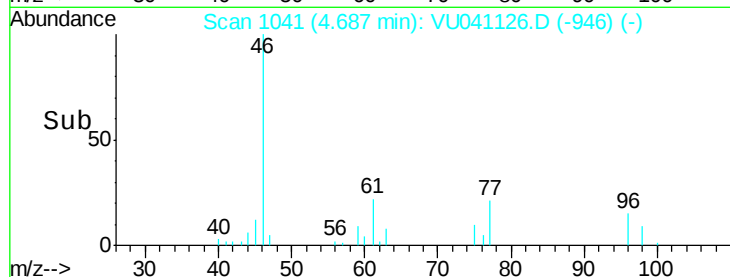
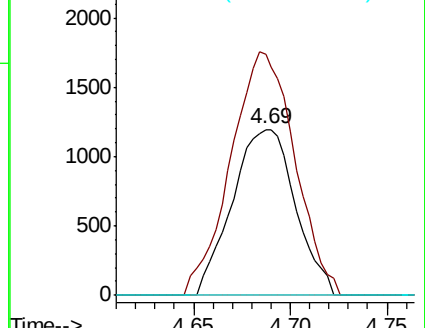
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041118.D (-1024) (-)

Ion 61.05 (60.75 to 61.75): VU041118.D (-1024) (-)

Ion 68.15 (67.85 to 68.85): VU041118.D (-1024) (-)



#25

Chloroform

Concen: 0.084 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.01 min

Lab File: VU041126.D

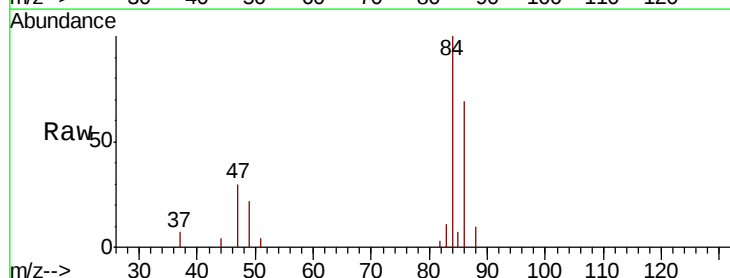
Acq: 06 Nov 2020 20:31

Tgt Ion: 83 Resp: 751

Ion Ratio Lower Upper

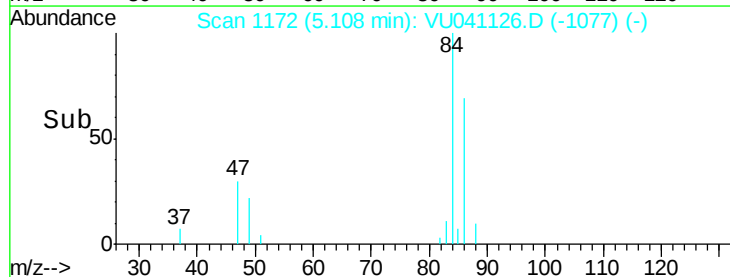
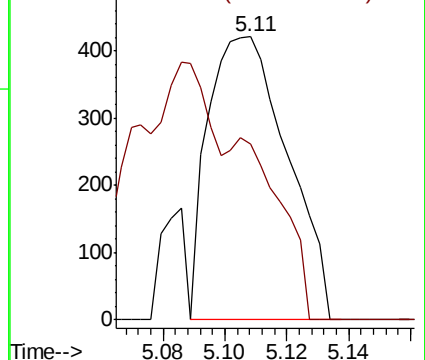
83 100

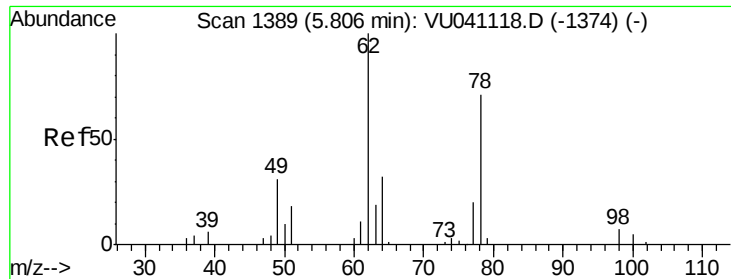
85 62.0 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU041118.D (-1155) (-)

Ion 85.00 (84.70 to 85.70): VU041118.D (-1155) (-)

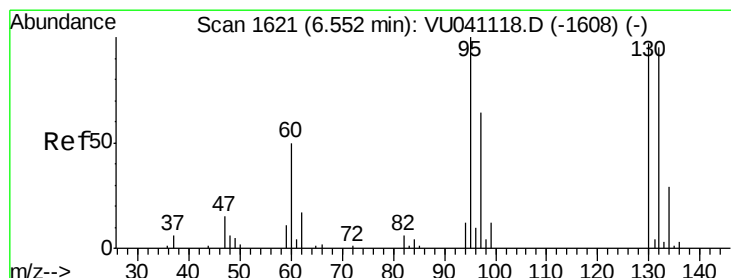
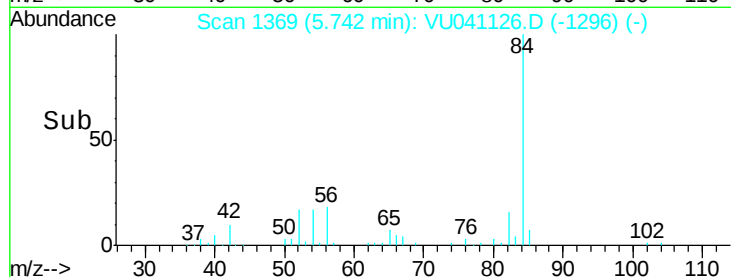
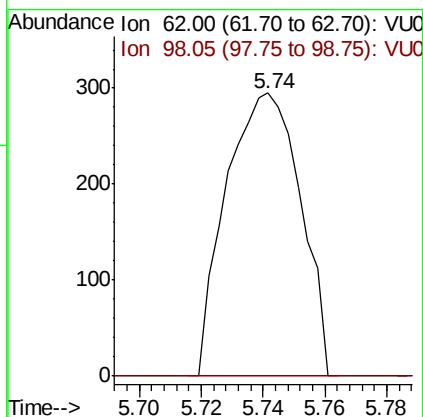
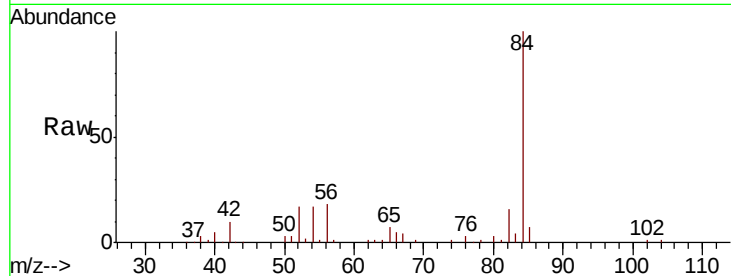




#27
 1,2-Dichloroethane
 Concen: 0.073 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.06 min
 Lab File: VU041126.D
 Acq: 06 Nov 2020 20:31

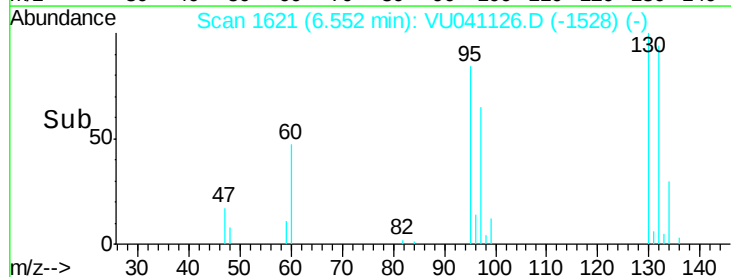
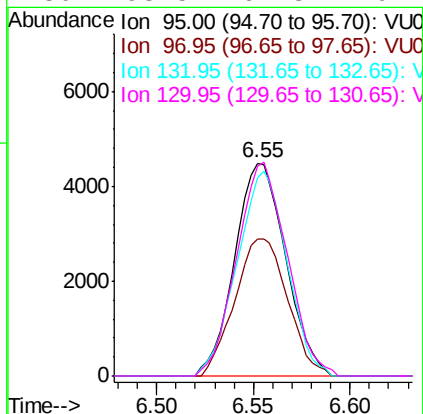
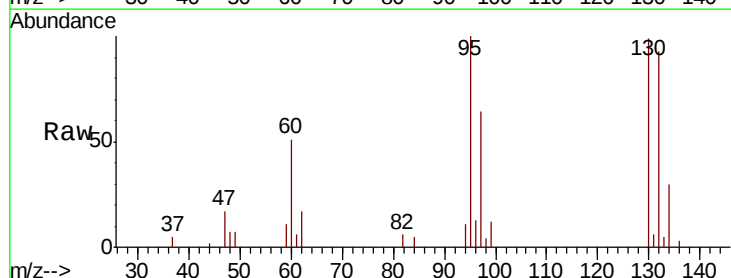
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 GB0F8

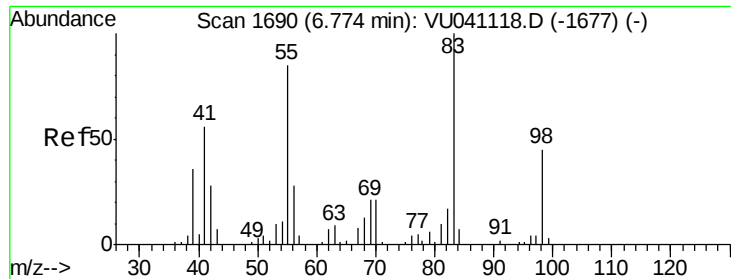
Tot Ion: 62 Resp: 491
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#34
 Trichloroethene
 Concen: 1.648 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041126.D
 Acq: 06 Nov 2020 20:31

Tgt Ion: 95 Resp: 8219
 Ion Ratio Lower Upper
 95 100
 97 64.4 45.6 84.6
 132 92.9 64.8 120.4
 130 98.5 64.8 120.4

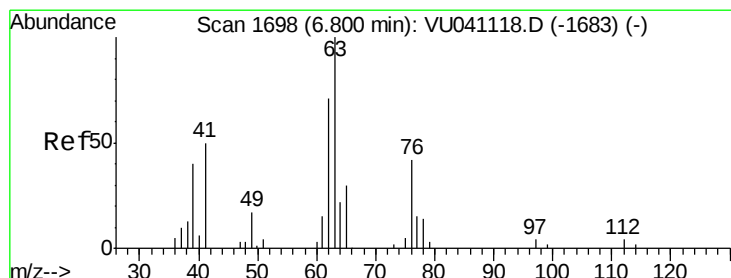
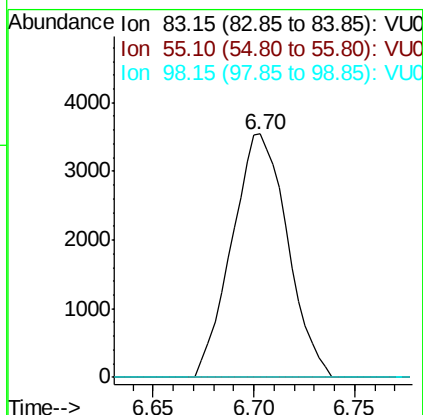
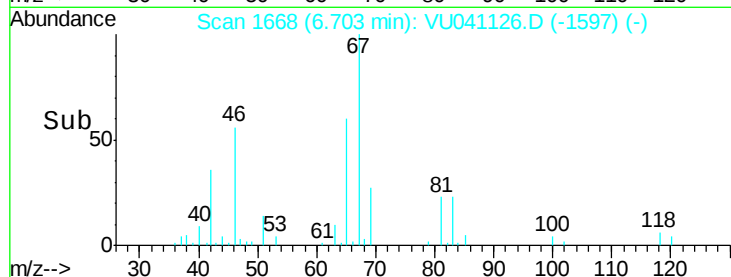
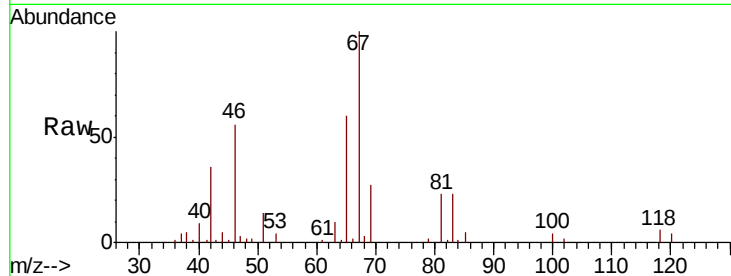




#35
Methylcyclohexane
Concen: 0.915 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041126.D
Acq: 06 Nov 2020 20:31

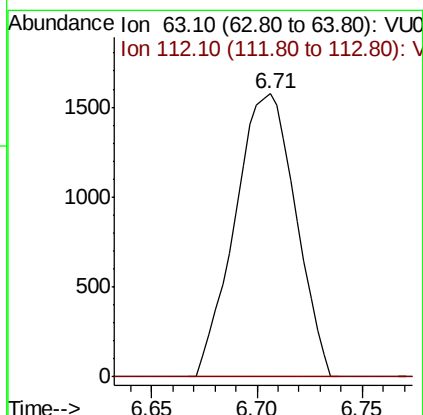
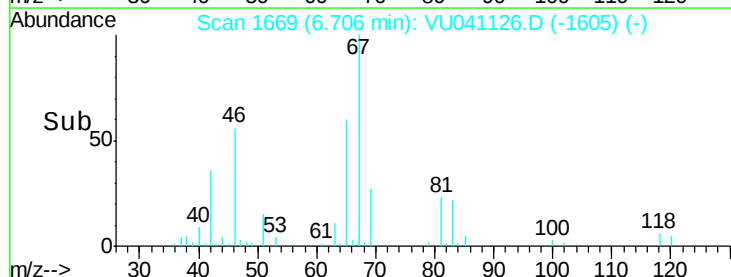
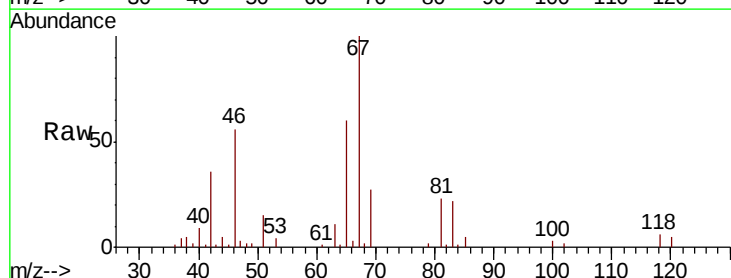
Instrument :
MSVOA_U
ClientSampleId :
GB0F8

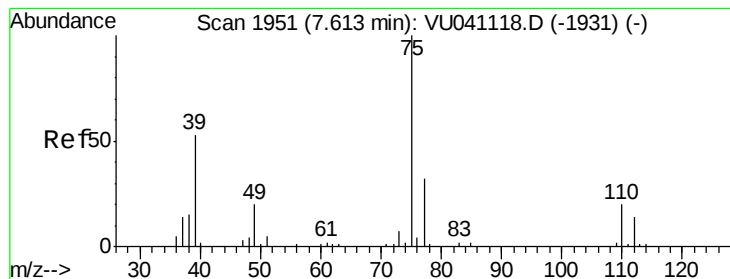
Tot Ion: 83 Resp: 6811
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 4.3 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.593 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU041126.D
Acq: 06 Nov 2020 20:31

Tgt Ion: 63 Resp: 3145
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU041126.D

Acq: 06 Nov 2020 20:31

Instrument :

MSVOA_U

ClientSampleId :

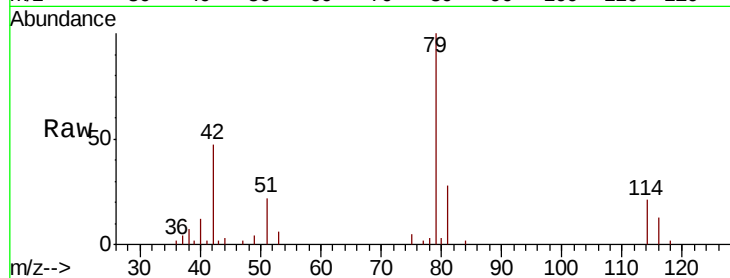
GB0F8

Tot Ion: 75 Resp: 678

Ion Ratio Lower Upper

75 100

77 48.5 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.58

400

300

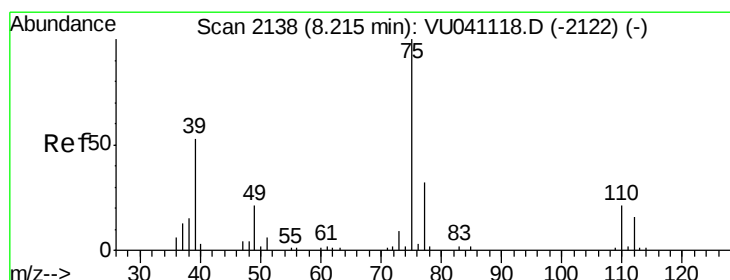
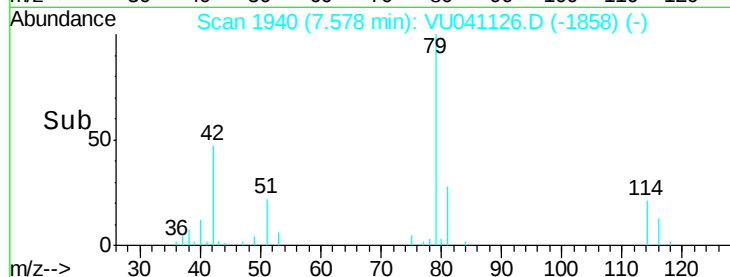
200

100

0

7.54 7.56 7.58 7.60

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041126.D

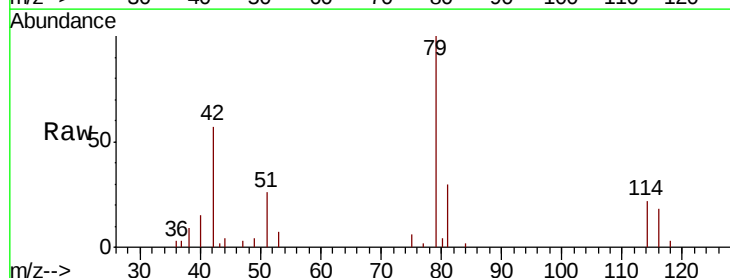
Acq: 06 Nov 2020 20:31

Tgt Ion: 75 Resp: 488

Ion Ratio Lower Upper

75 100

77 34.8 23.3 43.3



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.18

400

300

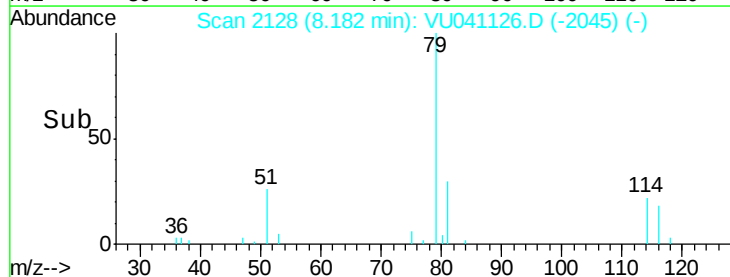
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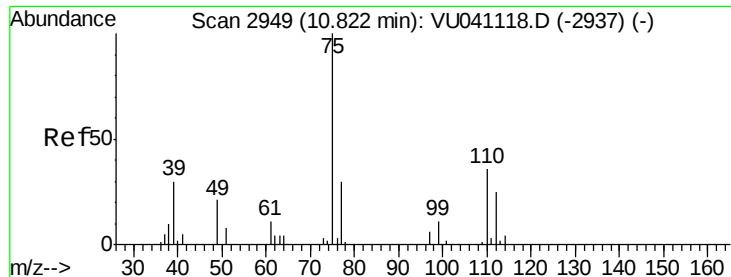
100

0

8.16 8.18 8.20 8.22

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.971 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041126.D

Acq: 06 Nov 2020 20:31

Instrument :

MSVOA_U

ClientSampleId :

GB0F8

Tot Ion: 75 Resp: 3840

Ion Ratio Lower Upper

75 100

77 38.1 25.7 38.5

