

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041559.D
 Acq On : 11 Dec 2020 01:06
 Operator : SY/MD
 Sample : L5023-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ3

Quant Time: Dec 11 07:35:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 11 07:33:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	36888	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	36585	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	18543	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	9860	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.92	69	9300	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.80%
11) 1,1-Dichloroethene-d2	2.58	63	18636	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	4.65	46	25681	36.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.30%
24) Chloroform-d	5.08	84	24957	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.72	65	17756	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.74	84	37278	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.70	67	9335	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.40%
41) Toluene-d8	7.90	98	36651	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.19	79	5894	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.64	63	21223	36.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	9038	3.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	16504	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

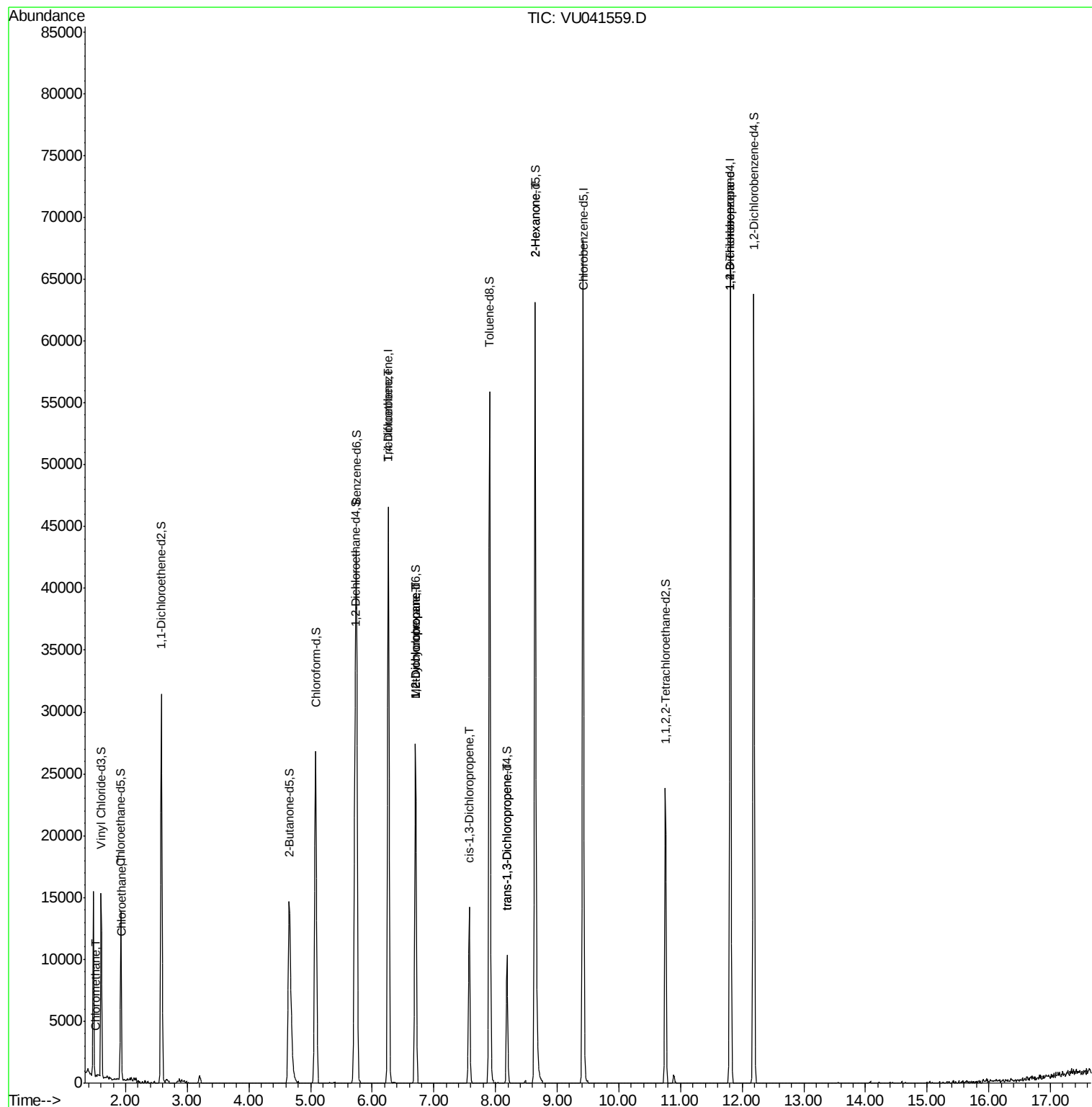
					Ovalue
3) Chloromethane	1.52	50	99	0.047 ug/L #	41
8) Chloroethane	1.94	64	65	0.040 ug/L #	45
34) Trichloroethene	6.27	95	679	0.248 ug/L #	6
35) Methylcyclohexane	6.70	83	3269	0.877 ug/L #	17
37) 1,2-Dichloropropane	6.70	63	1470	0.693 ug/L #	84
39) cis-1,3-Dichloropropene	7.57	75	428	0.112 ug/L	98
44) trans-1,3-Dichloropropene	8.18	75	268	0.070 ug/L #	42
48) 2-Hexanone	8.64	43	3165	2.317 ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	1605	0.780 ug/L #	79

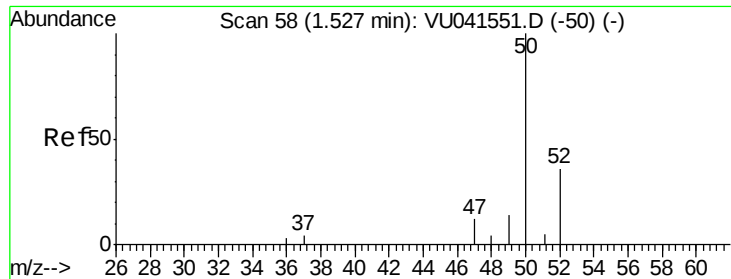
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 11 07:33:47 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.047 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU041559.D

Acq: 11 Dec 2020 01:06

Instrument :

MSVOA_U

ClientSampleId :

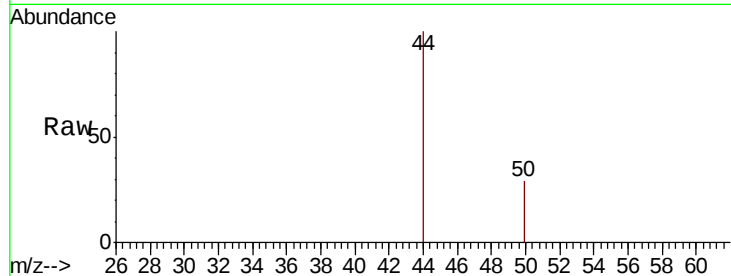
C0AZ3

Tot Ion: 50 Resp: 99

Ion Ratio Lower Upper

50 100

52 0.0 23.3 43.3#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.52

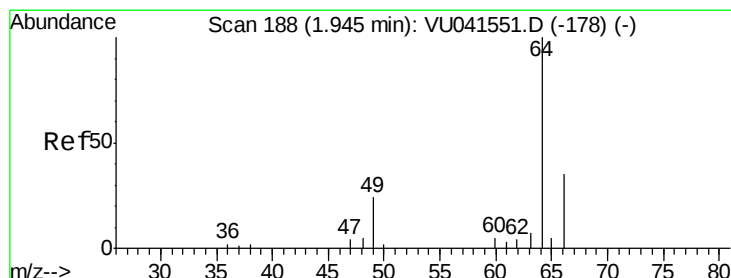
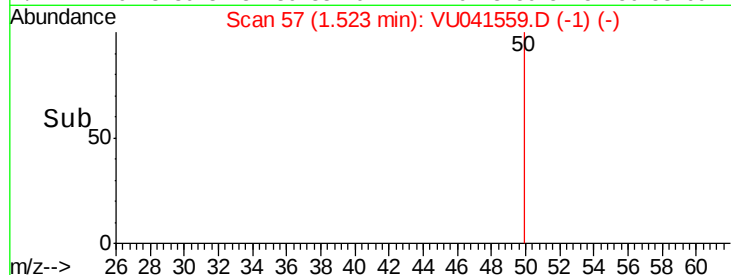
150

100

50

0

Time-->



#8

Chloroethane

Concen: 0.040 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU041559.D

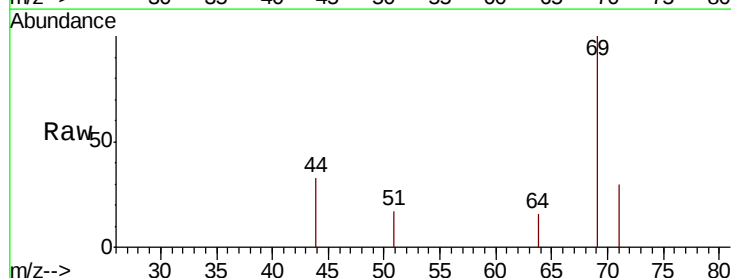
Acq: 11 Dec 2020 01:06

Tgt Ion: 64 Resp: 65

Ion Ratio Lower Upper

64 100

66 0.0 20.9 38.9#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

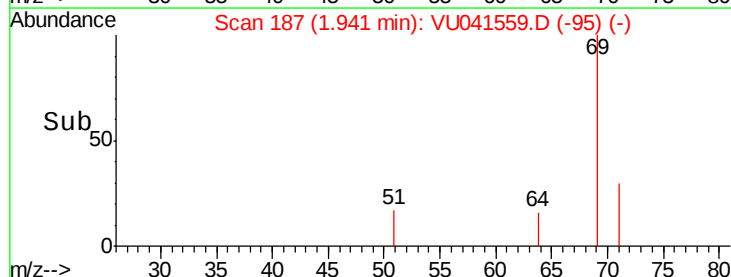
1.94

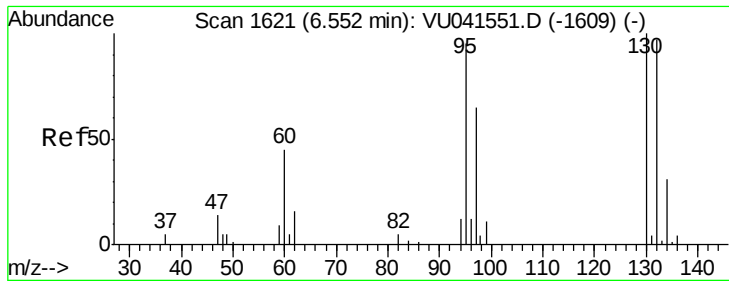
100

50

0

Time-->





#34

Trichloroethene

Concen: 0.248 ug/L

RT: 6.27 min Scan# 1532

Delta R.T. -0.29 min

Lab File: VU041559.D

Acq: 11 Dec 2020 01:06

Instrument :

MSVOA_U

ClientSampleId :

C0AZ3

Tot Ion: 95 Resp: 679

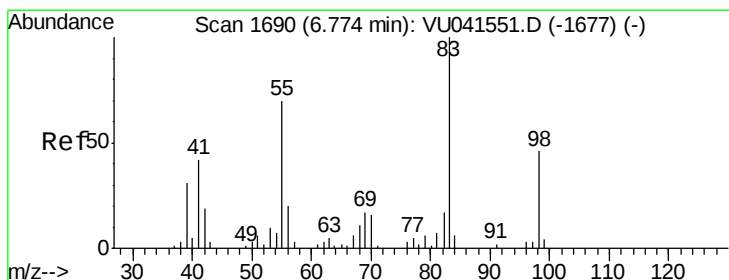
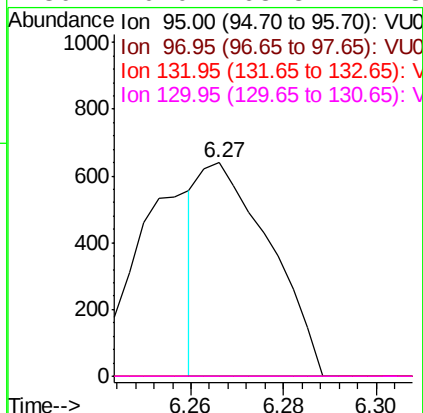
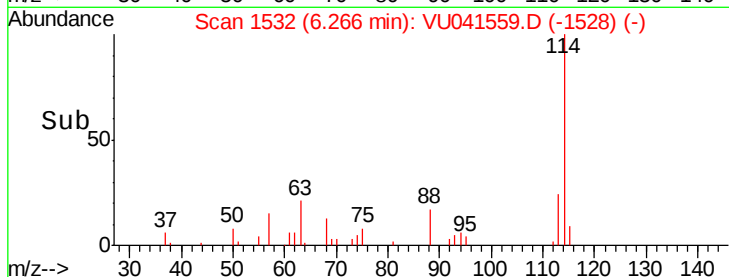
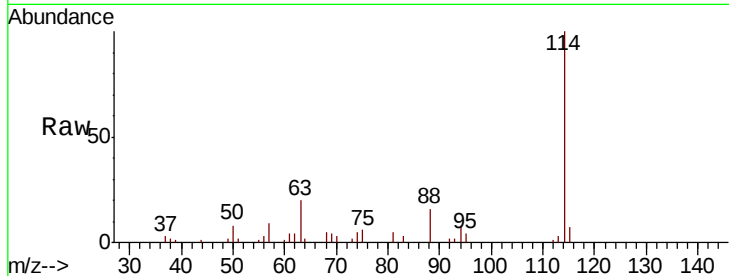
Ion Ratio Lower Upper

95 100

97 0.0 44.7 83.1#

132 0.0 65.7 121.9#

130 0.0 68.8 127.8#



#35

Methylcyclohexane

Concen: 0.877 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU041559.D

Acq: 11 Dec 2020 01:06

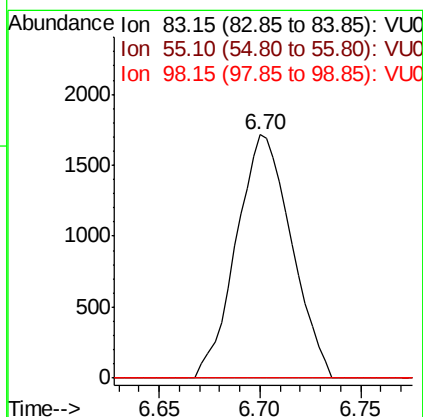
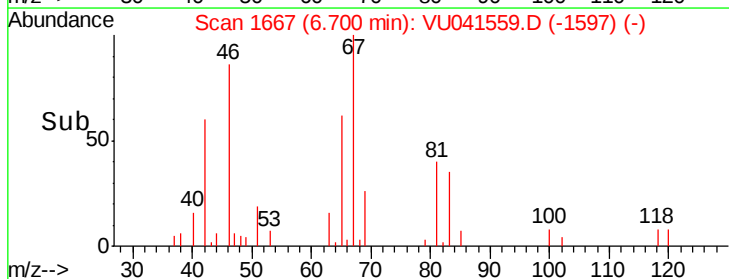
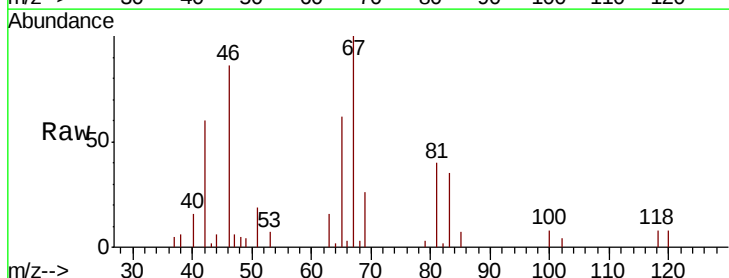
Tgt Ion: 83 Resp: 3269

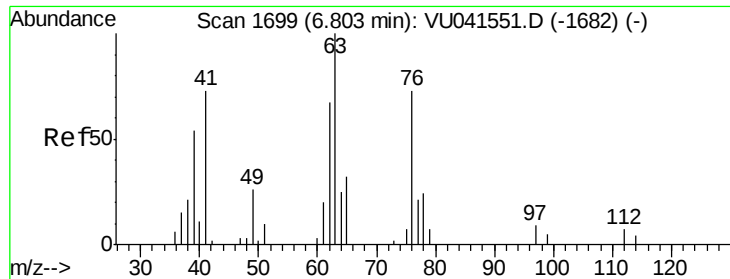
Ion Ratio Lower Upper

83 100

55 0.0 62.1 93.1#

98 0.0 38.7 58.1#

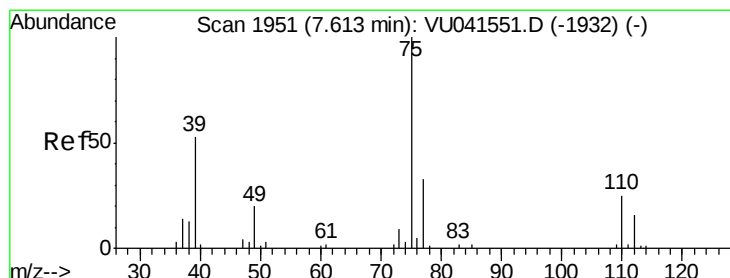
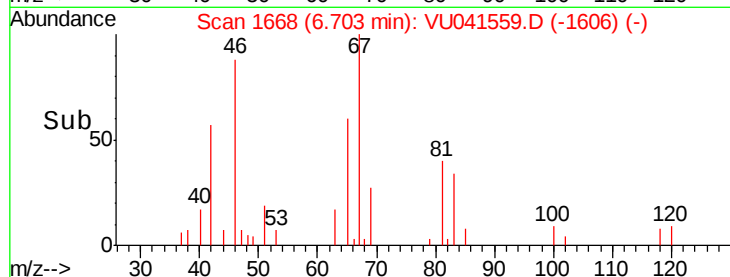
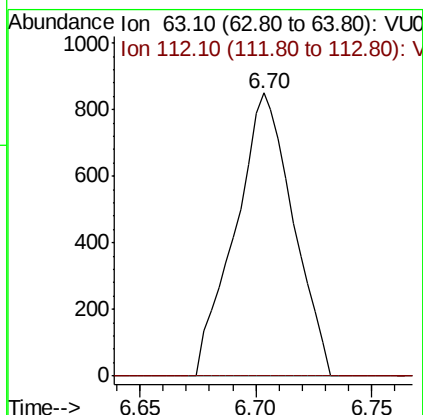
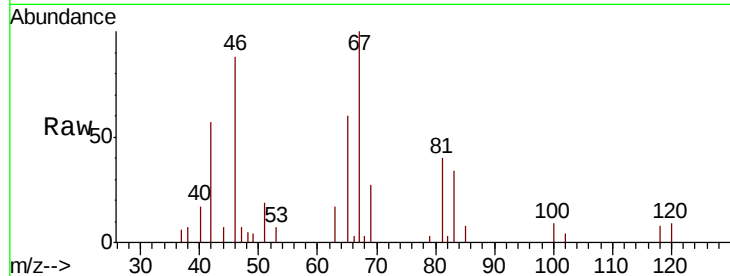




#37
 1,2-Dichloropropane
 Concen: 0.693 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041559.D
 Acq: 11 Dec 2020 01:06

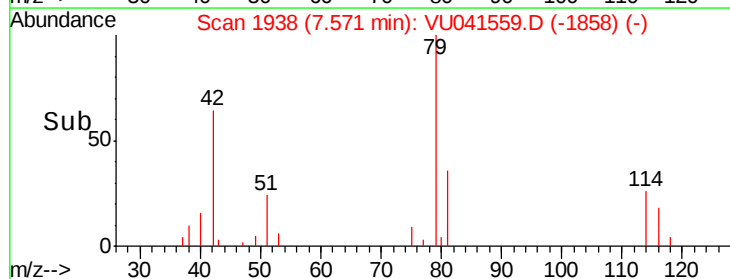
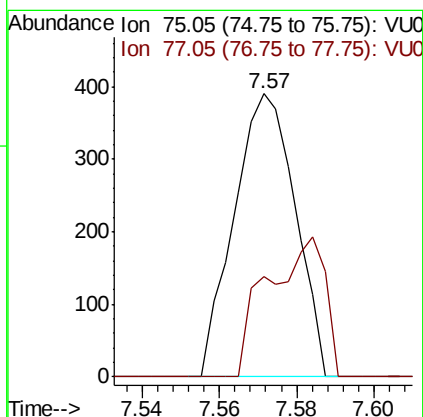
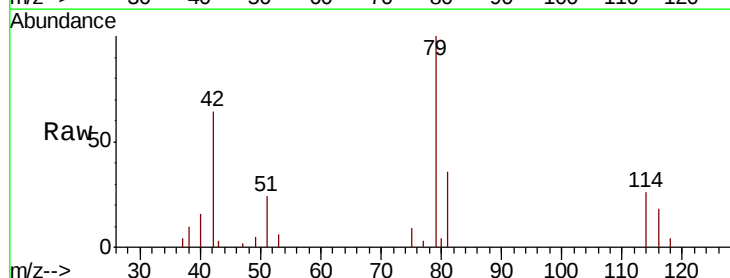
Instrument :
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 ClientSampleId :
 C0AZ3

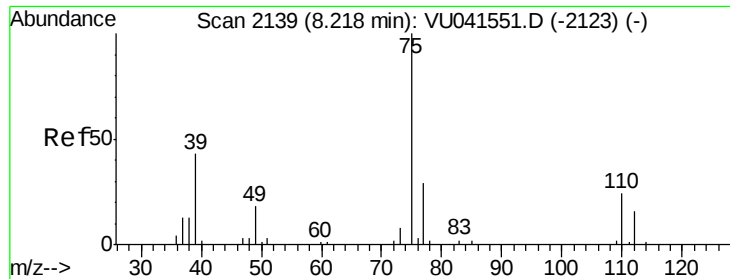
Tot Ion: 63 Resp: 1470
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041559.D
 Acq: 11 Dec 2020 01:06

Tgt Ion: 75 Resp: 428
 Ion Ratio Lower Upper
 75 100
 77 35.4 24.0 44.6





#44

trans-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.04 min

Lab File: VU041559.D

Acq: 11 Dec 2020 01:06

Instrument :

MSVOA_U

ClientSampleId :

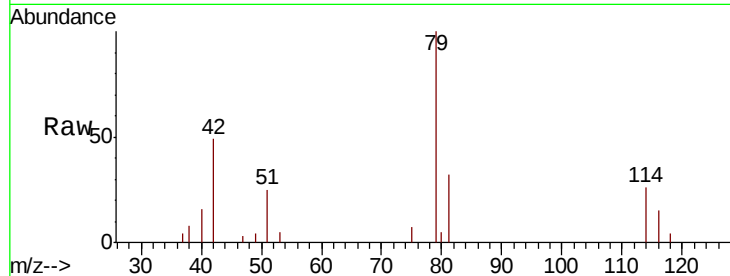
C0AZ3

Tot Ion: 75 Resp: 268

Ion Ratio Lower Upper

75 100

77 0.0 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.18

250

200

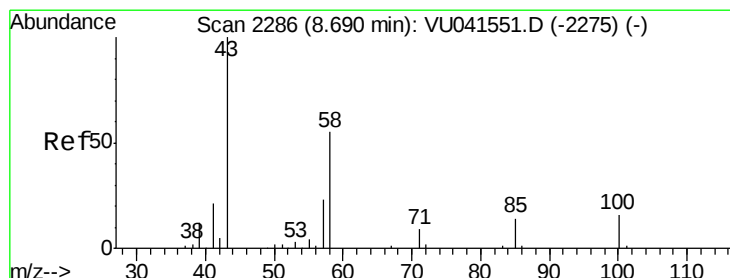
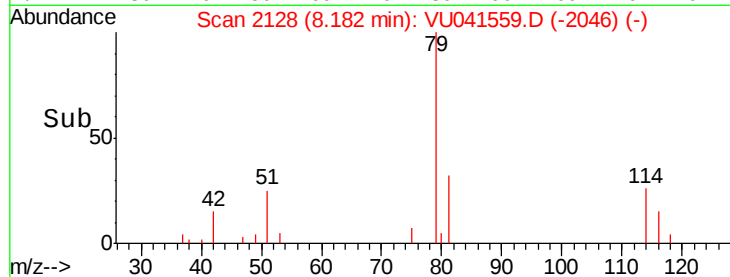
150

100

50

0

Time-->



#48

2-Hexanone

Concen: 2.317 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU041559.D

Acq: 11 Dec 2020 01:06

Tgt Ion: 43 Resp: 3165

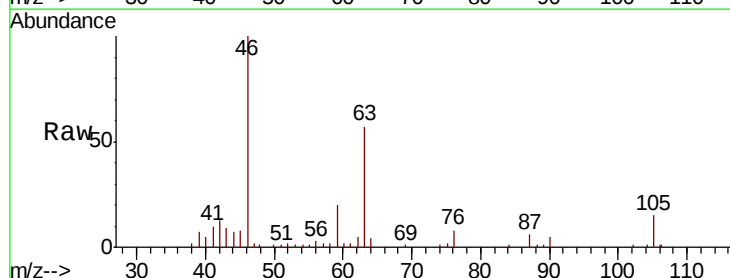
Ion Ratio Lower Upper

43 100

58 27.0 41.4 62.0#

57 28.4 17.1 25.7#

100 0.0 10.6 16.0#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

2500

2000

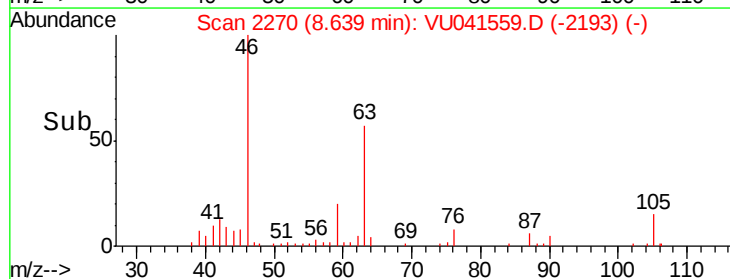
1500

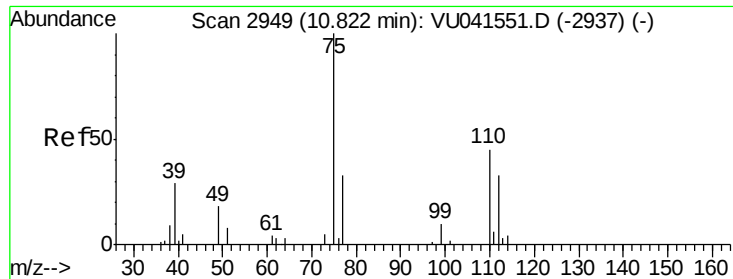
1000

500

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.780 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041559.D

Acq: 11 Dec 2020 01:06

Instrument :

MSVOA_U

ClientSampleId :

C0AZ3

Tot Ion: 75 Resp: 1605

Ion Ratio Lower Upper

75 100

77 44.5 26.3 39.5#

