

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100220\
 Data File : VU040472.D
 Acq On : 02 Oct 2020 20:11
 Operator : SY/MD
 Sample : L4185-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 00:20:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 03 00:09:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119337	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	117652	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50933	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30902	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.92	69	26050	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.58	63	50104	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.66	46	127447	43.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.86%
24) Chloroform-d	5.08	84	63015	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.72	65	41146	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.74	84	125903	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.70	67	43806	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.91	98	105158	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	8.19	79	17083	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.64	63	85925	41.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	36665	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	41049	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

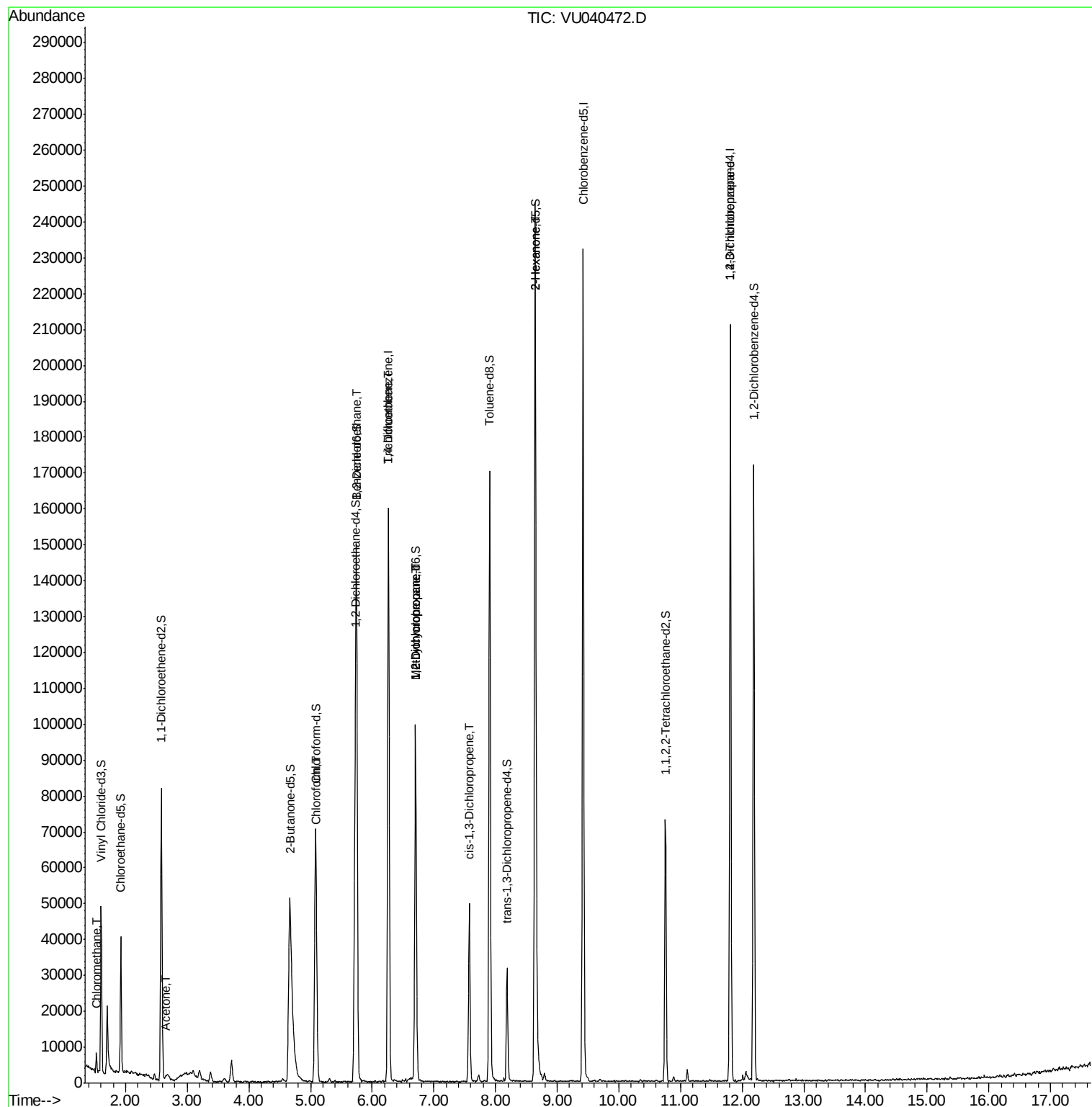
					Ovalue
3) Chloromethane	1.53	50	3575	0.305 ug/L	99
13) Acetone	2.66	43	1697	0.694 ug/L	74
25) Chloroform	5.10	83	4003	0.203 ug/L	89
27) 1,2-Dichloroethane	5.75	62	756	0.055 ug/L #	74
34) Trichloroethene	6.27	95	2040	0.195 ug/L #	8
35) Methylcyclohexane	6.71	83	10460	0.681 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5298	0.482 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1123	0.076 ug/L #	60
48) 2-Hexanone	8.64	43	12382	1.953 ug/L #	66
59) 1,2,3-Trichloropropane	11.81	75	7811	0.981 ug/L	94

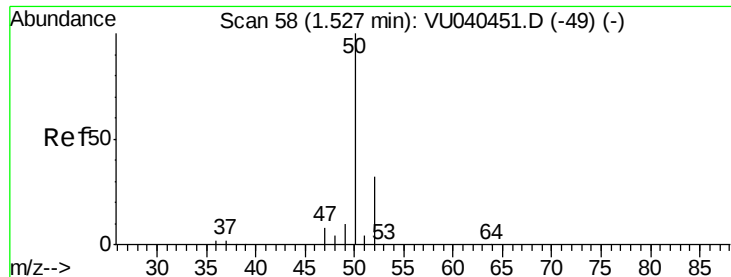
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Oct 03 00:20:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 03 00:09:31 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.305 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040472.D

Acq: 02 Oct 2020 20:11

Instrument :

MSVOA_U

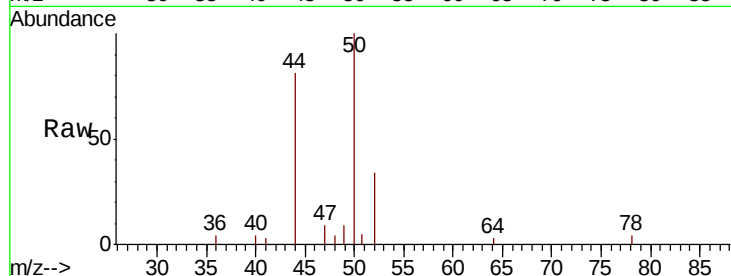
ClientSampleId :

Tot Ion: 50 Resp: 3575

Ion Ratio Lower Upper

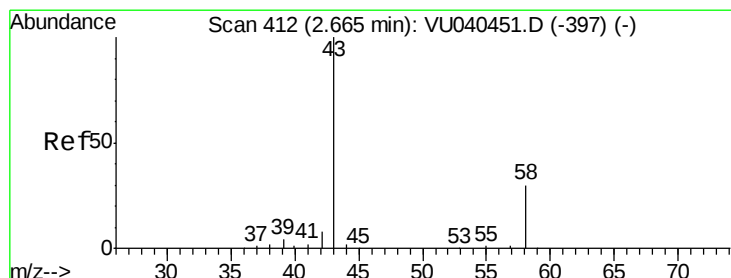
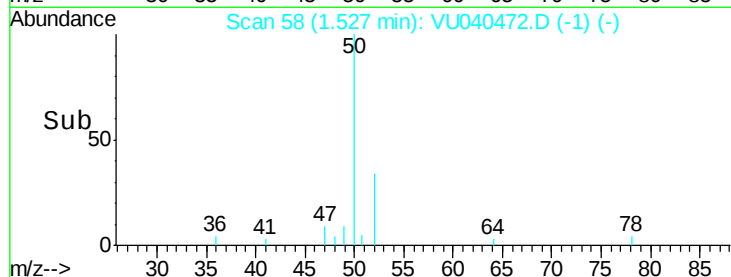
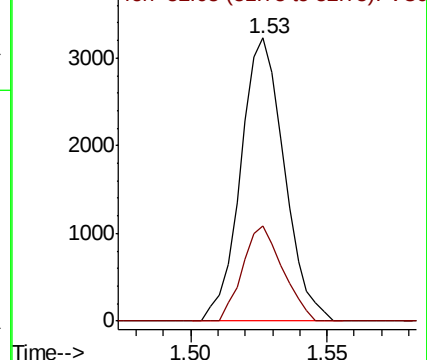
50 100

52 33.5 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 0.694 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.00 min

Lab File: VU040472.D

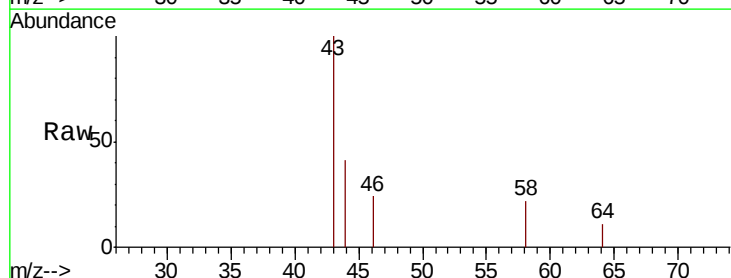
Acq: 02 Oct 2020 20:11

Tgt Ion: 43 Resp: 1697

Ion Ratio Lower Upper

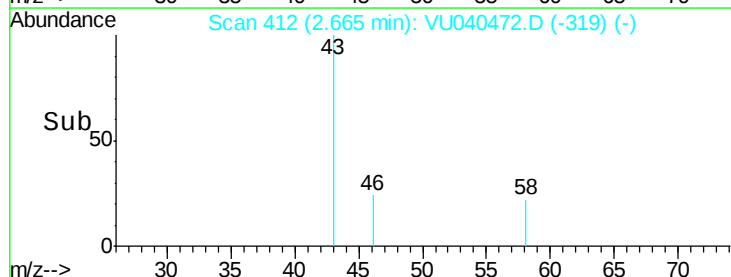
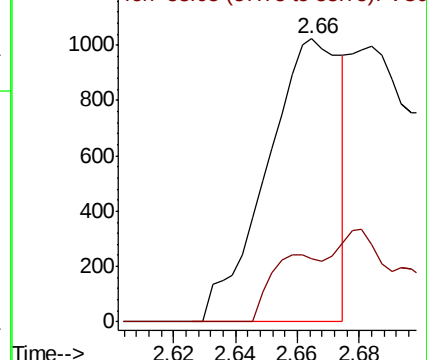
43 100

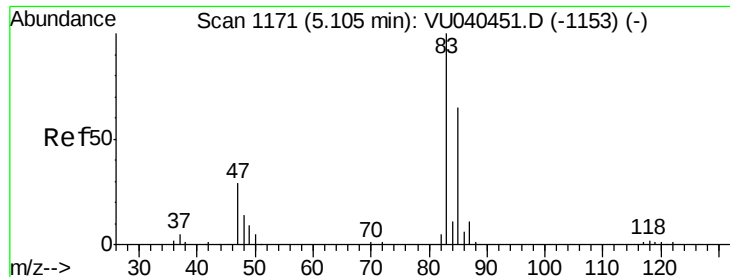
58 16.4 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

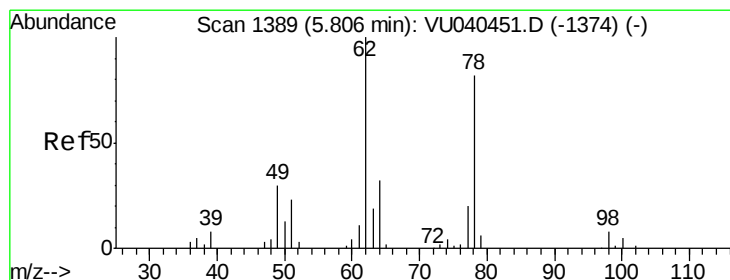
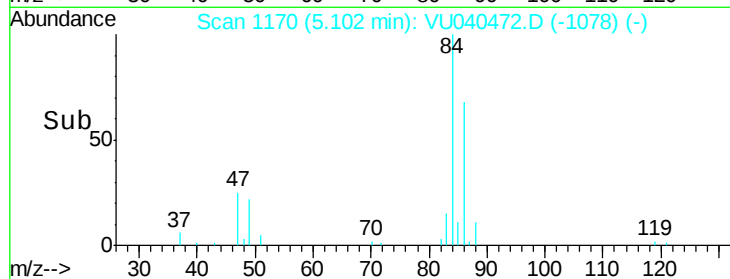
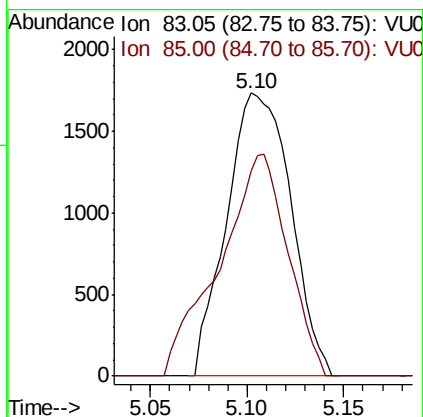
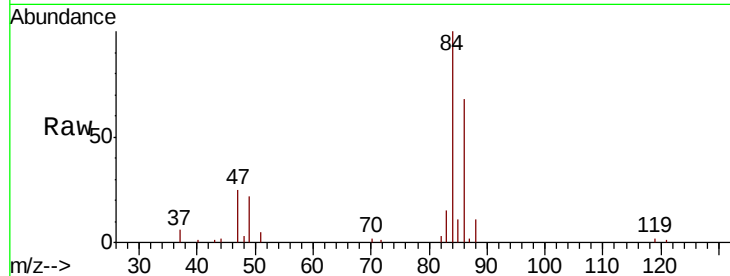




#25
Chloroform
Concen: 0.203 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040472.D
Acq: 02 Oct 2020 20:11

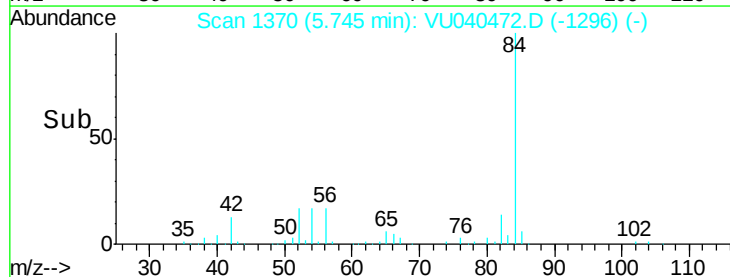
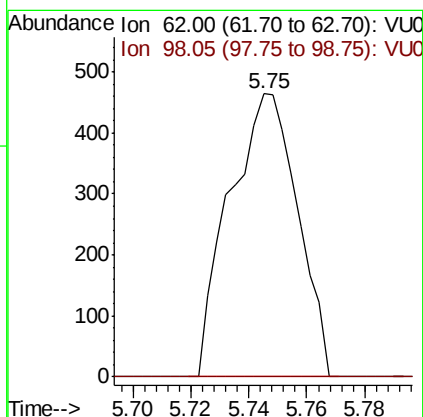
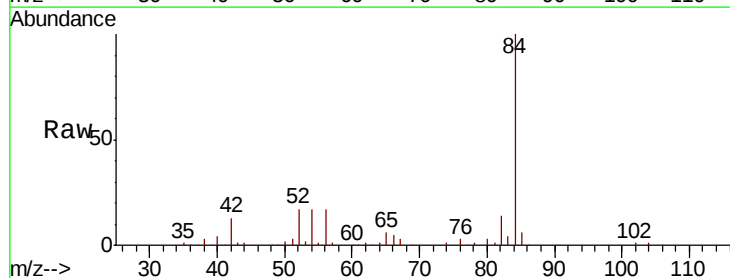
Instrument :
MSVOA_U
ClientSampleId :

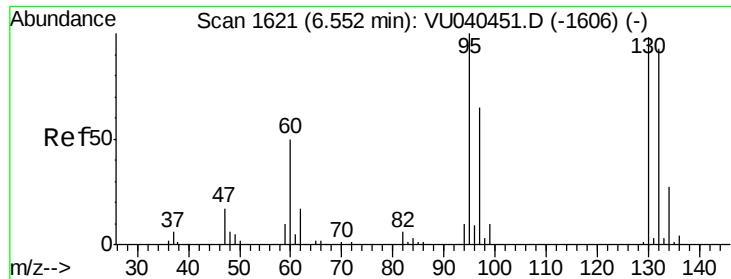
Tot Ion: 83 Resp: 4003
Ion Ratio Lower Upper
83 100
85 72.3 44.6 82.8



#27
1,2-Dichloroethane
Concen: 0.055 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU040472.D
Acq: 02 Oct 2020 20:11

Tgt Ion: 62 Resp: 756
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#





#34

Trichloroethene

Concen: 0.195 ug/L

RT: 6.27 min Scan# 1532

Delta R.T. -0.29 min

Lab File: VU040472.D

Acq: 02 Oct 2020 20:11

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 2040

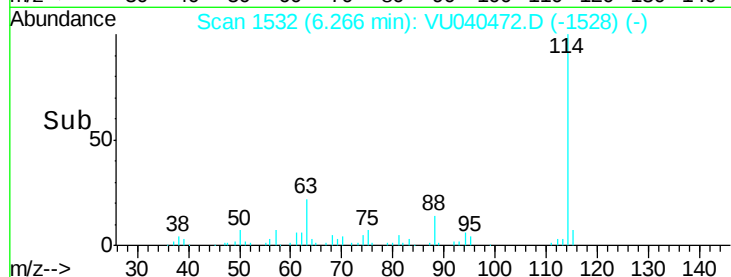
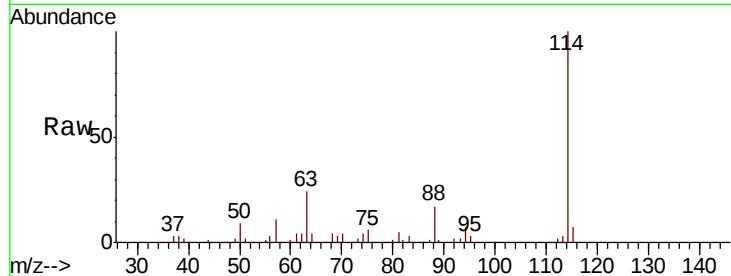
Ion Ratio Lower Upper

95 100

97 0.0 46.3 85.9#

132 0.0 60.5 112.3#

130 0.0 64.3 119.3#

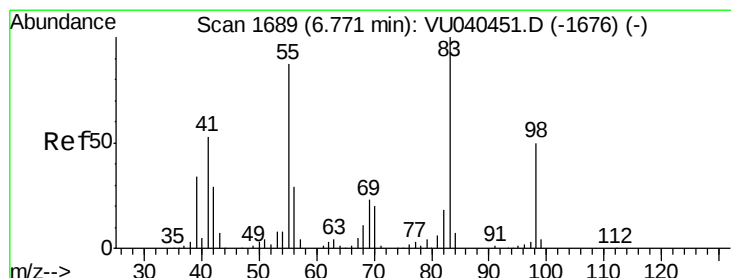
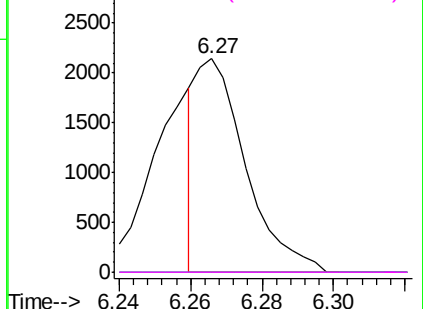


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#35

Methylcyclohexane

Concen: 0.681 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.06 min

Lab File: VU040472.D

Acq: 02 Oct 2020 20:11

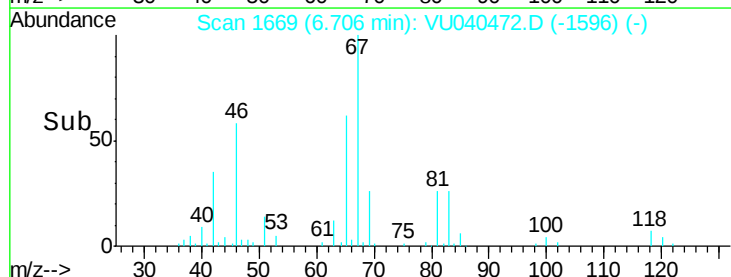
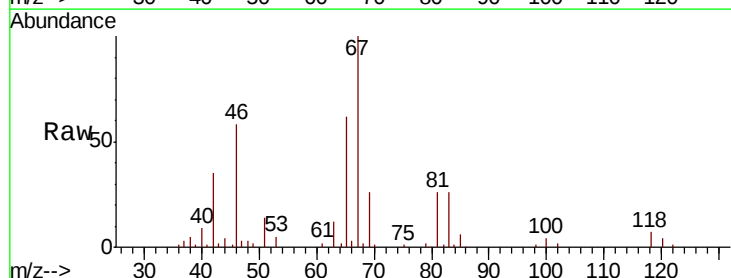
Tgt Ion: 83 Resp: 10460

Ion Ratio Lower Upper

83 100

55 0.4 71.4 107.2#

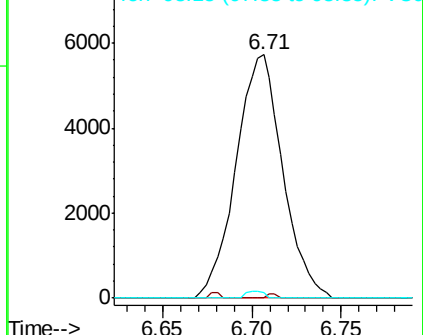
98 1.1 38.5 57.7#

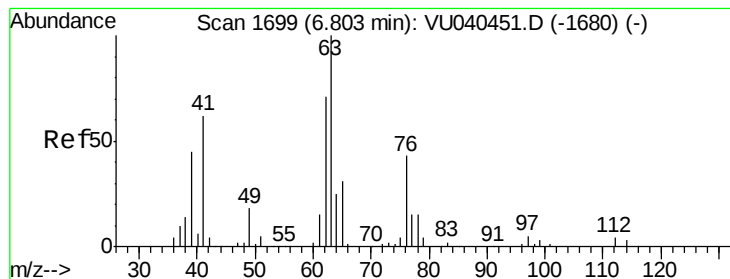


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.482 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU040472.D

Acq: 02 Oct 2020 20:11

Instrument :

MSVOA_U

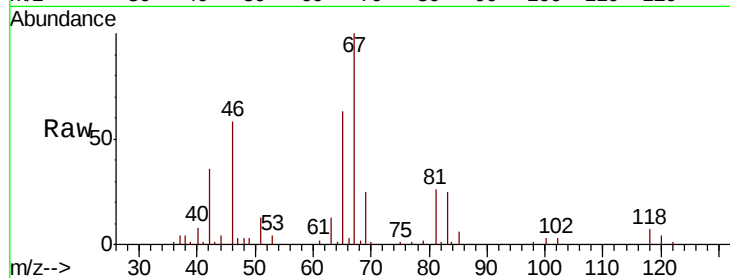
ClientSampleId :

Tot Ion: 63 Resp: 5298

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU040451.D (-1680) (-)

Ion 112.10 (111.80 to 112.80): VU040451.D (-1680) (-)

6.70

3000

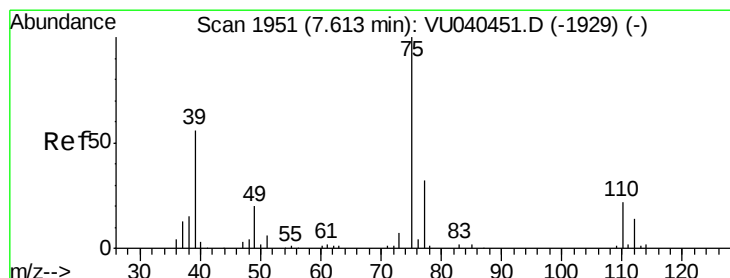
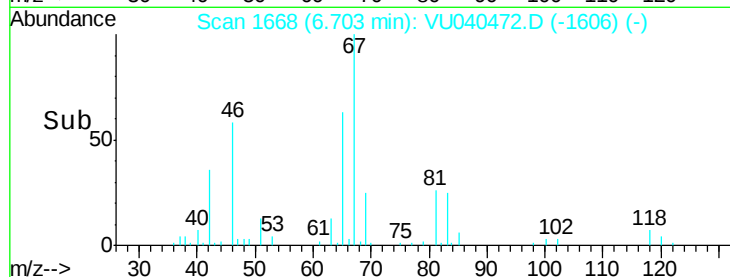
2000

1000

0

6.65 6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU040472.D

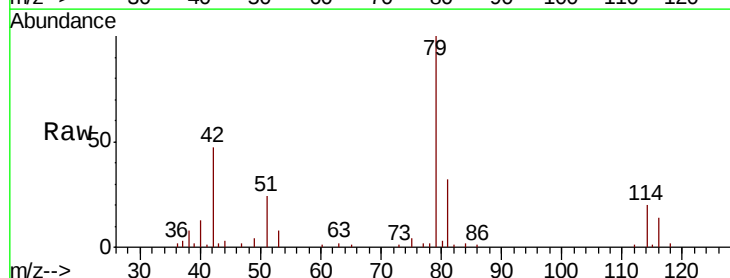
Acq: 02 Oct 2020 20:11

Tgt Ion: 75 Resp: 1123

Ion Ratio Lower Upper

75 100

77 56.4 23.5 43.7#



Abundance Ion 75.05 (74.75 to 75.75): VU040451.D (-1929) (-)

Ion 77.05 (76.75 to 77.75): VU040451.D (-1929) (-)

7.57

600

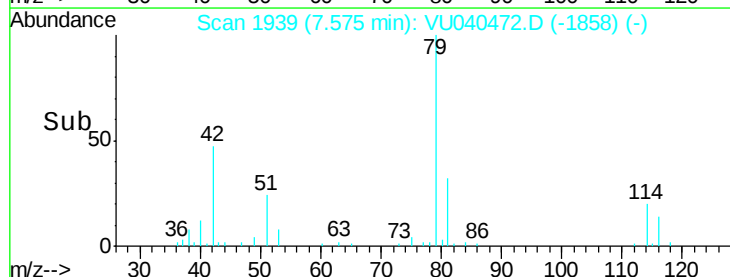
400

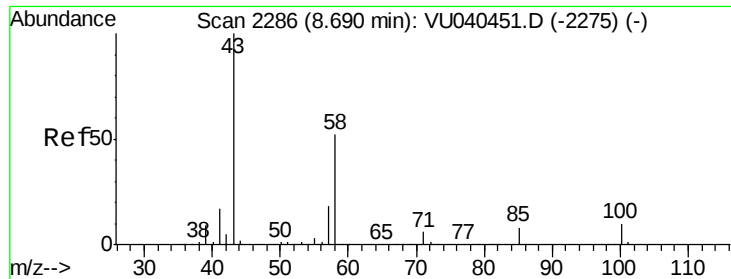
200

0

7.55 7.60

Time-->

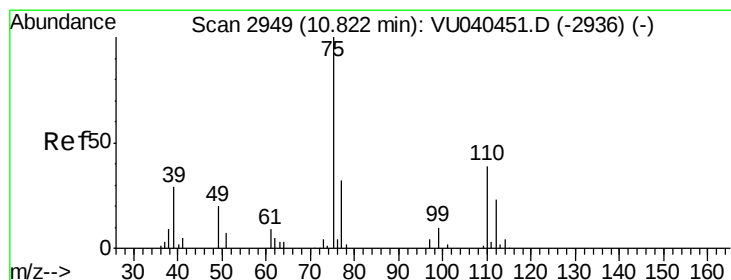
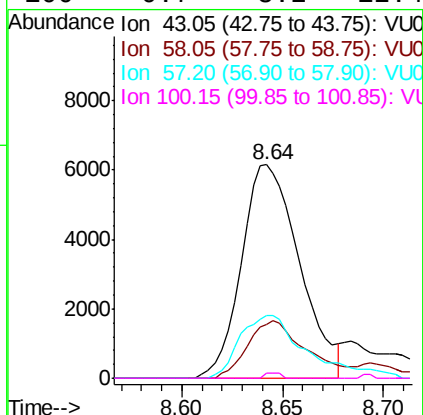
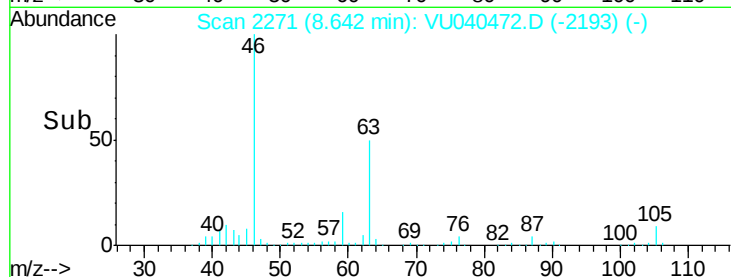
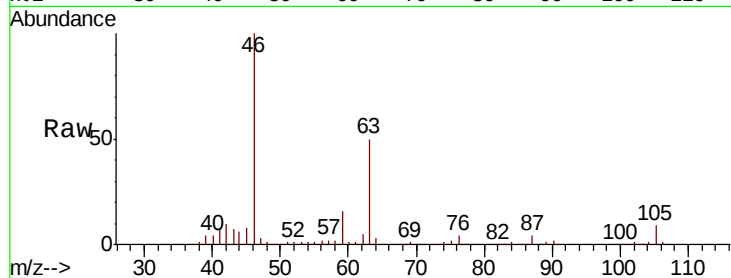




#48
2-Hexanone
Concen: 1.953 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040472.D
Acq: 02 Oct 2020 20:11

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 12382
Ion Ratio Lower Upper
43 100
58 27.2 41.0 61.4#
57 34.1 14.6 22.0#
100 0.7 8.2 12.4#



#59
1,2,3-Trichloropropane
Concen: 0.981 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040472.D
Acq: 02 Oct 2020 20:11

Tgt Ion: 75 Resp: 7811
Ion Ratio Lower Upper
75 100
77 35.6 25.7 38.5

