

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100220\
 Data File : VU040455.D
 Acq On : 02 Oct 2020 13:01
 Operator : SY/MD
 Sample : L4185-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR9

Quant Time: Oct 03 00:17:00 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	134992	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	138165	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59757	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33376	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.92	69	26224	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.58	63	52191	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.66	46	130835	39.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.82%
24) Chloroform-d	5.08	84	66400	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.72	65	41890	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	5.74	84	130934	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.70	67	43671	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.91	98	109763	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	8.19	79	17887	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.64	63	90509	37.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.22%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	36680	3.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	44084	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

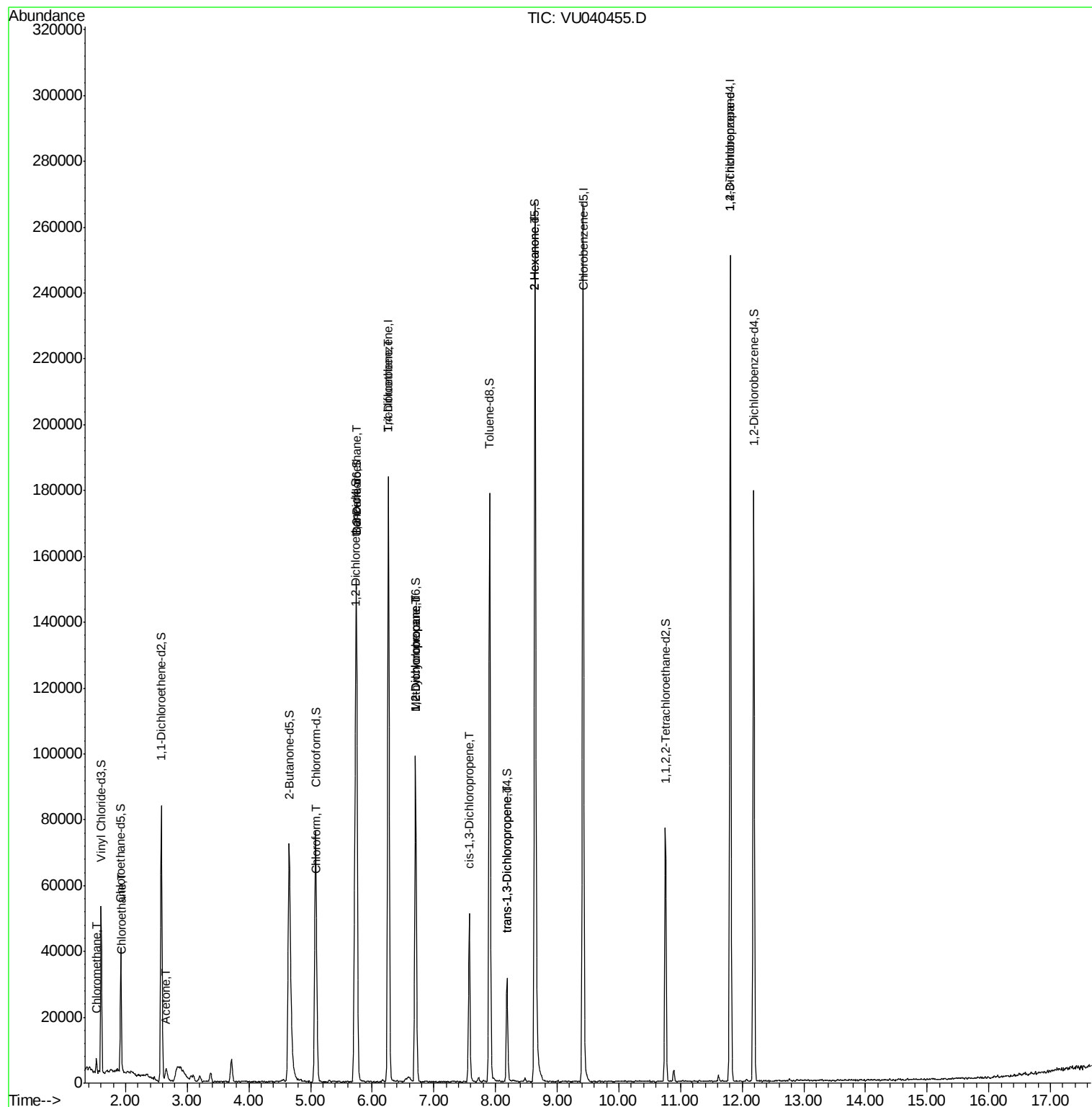
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	3119	0.235	ug/L	93
8) Chloroethane	1.94	64	848	0.110	ug/L #	44
13) Acetone	2.66	43	6929	2.505	ug/L	90
25) Chloroform	5.11	83	2653	0.119	ug/L	83
27) 1,2-Dichloroethane	5.75	62	705	0.046	ug/L #	74
34) Trichloroethene	6.26	95	2639	0.215	ug/L #	8
35) Methylcyclohexane	6.70	83	10156	0.563	ug/L #	14
37) 1,2-Dichloropropane	6.71	63	4889	0.379	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1317	0.076	ug/L #	67
44) trans-1,3-Dichloropropene	8.18	75	775	0.049	ug/L	86
48) 2-Hexanone	8.64	43	13087	1.758	ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	9057	0.969	ug/L	90

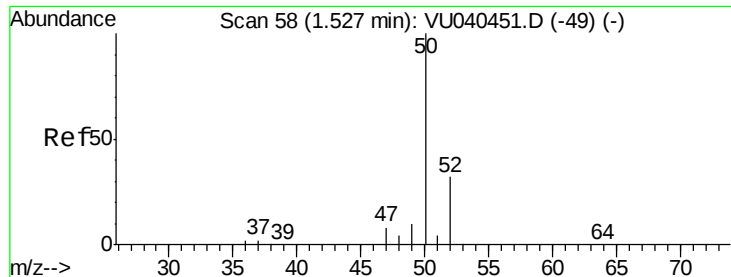
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.235 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040455.D

Acq: 02 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

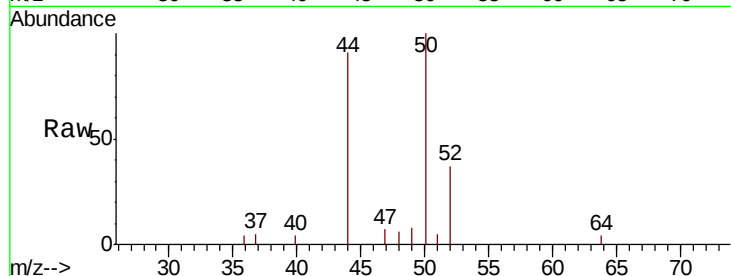
C0AR9

Tot Ion: 50 Resp: 3119

Ion Ratio Lower Upper

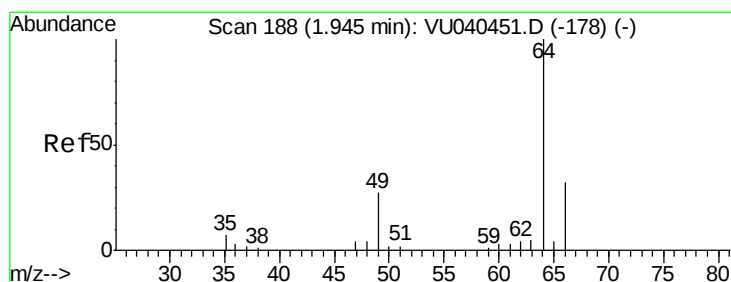
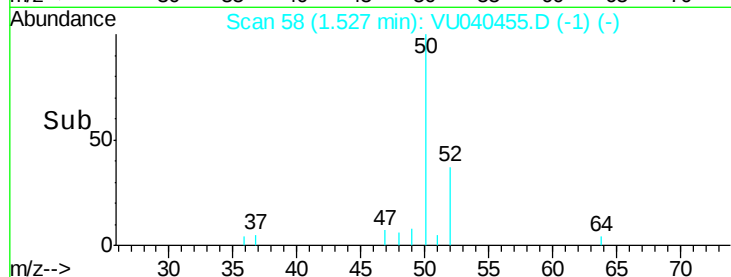
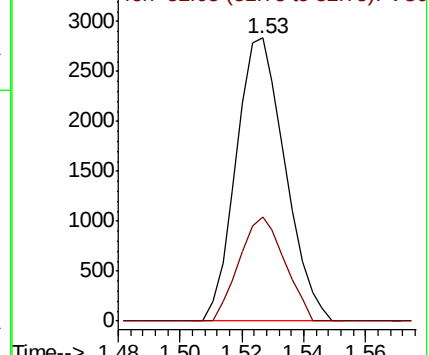
50 100

52 37.0 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.110 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU040455.D

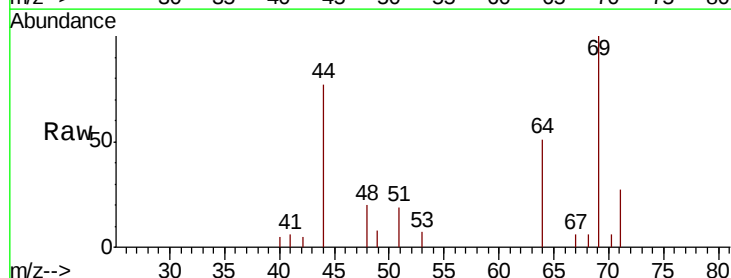
Acq: 02 Oct 2020 13:01

Tgt Ion: 64 Resp: 848

Ion Ratio Lower Upper

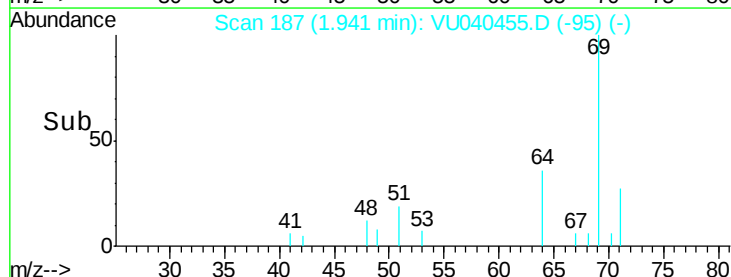
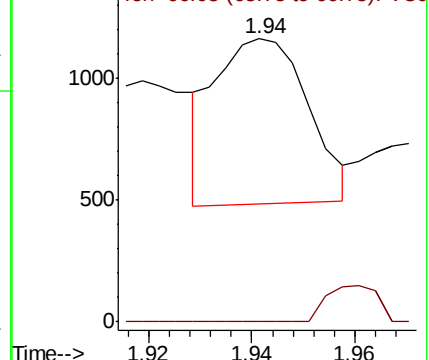
64 100

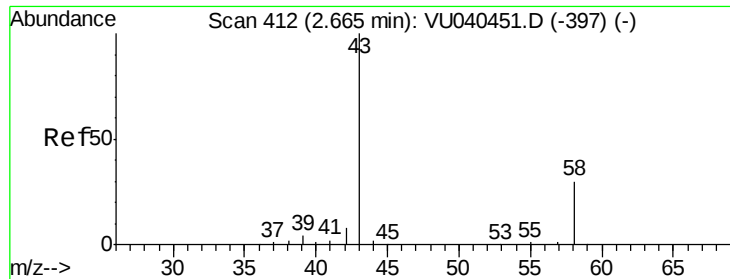
66 0.0 21.3 39.6#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#13

Acetone

Concen: 2.505 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.00 min

Lab File: VU040455.D

Acq: 02 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampled :

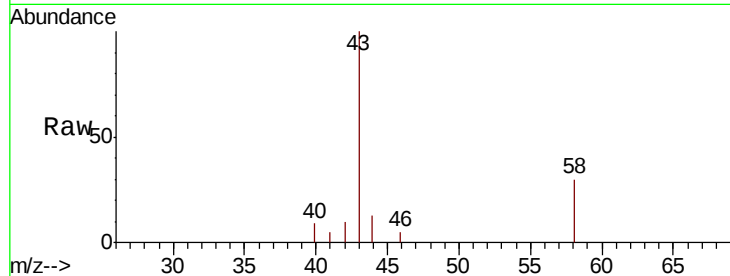
C0AR9

Tot Ion: 43 Resp: 6929

Ion Ratio Lower Upper

43 100

58 25.4 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU040455.D (-319) (-)

Ion 58.05 (57.75 to 58.75): VU040455.D (-319) (-)

2.66

2500

2000

1500

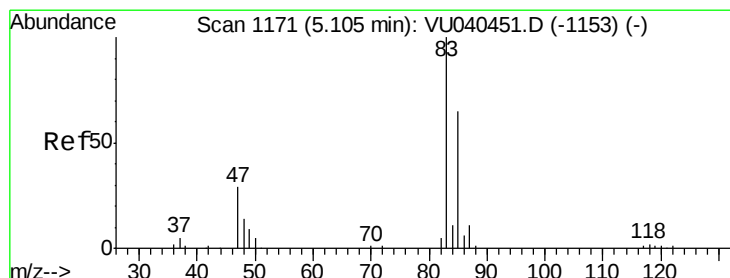
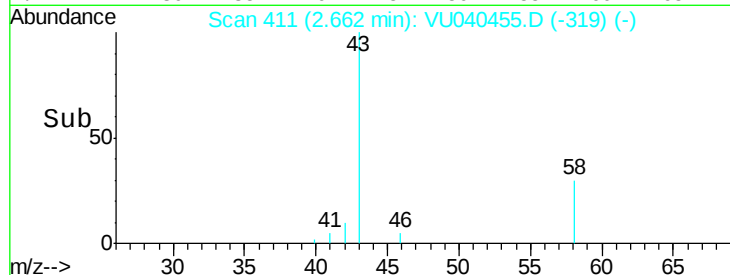
1000

500

0

Time-->

2.60 2.65 2.70 2.75



#25

Chloroform

Concen: 0.119 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU040455.D

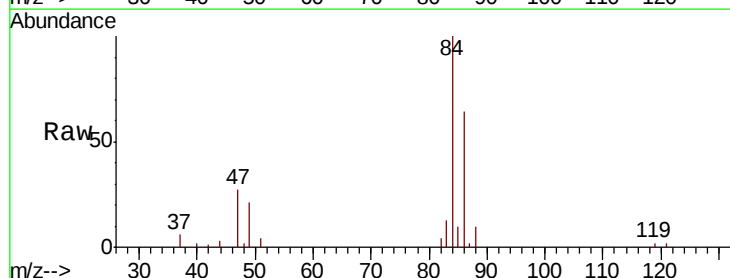
Acq: 02 Oct 2020 13:01

Tgt Ion: 83 Resp: 2653

Ion Ratio Lower Upper

83 100

85 77.1 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU040455.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU040455.D (-1078) (-)

5.11

1500

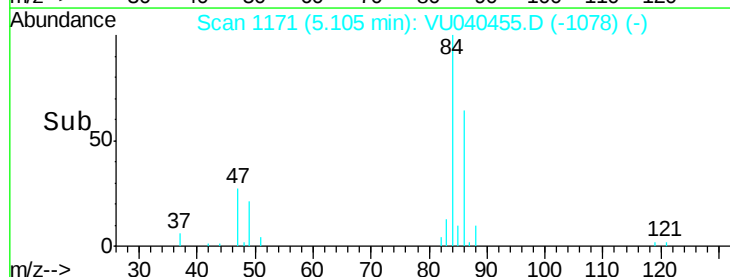
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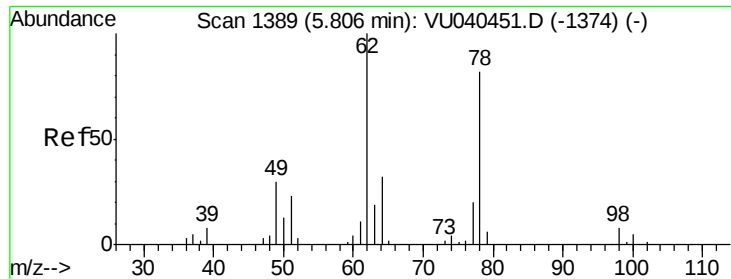
500

0

Time-->

5.05 5.10 5.15

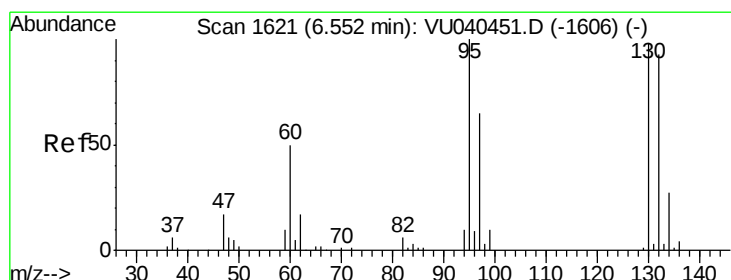
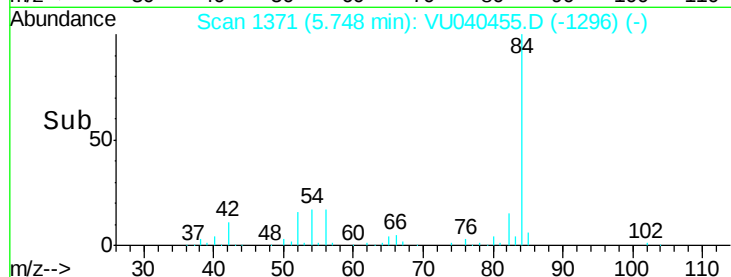
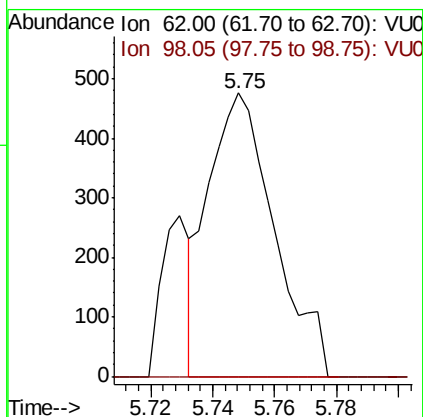
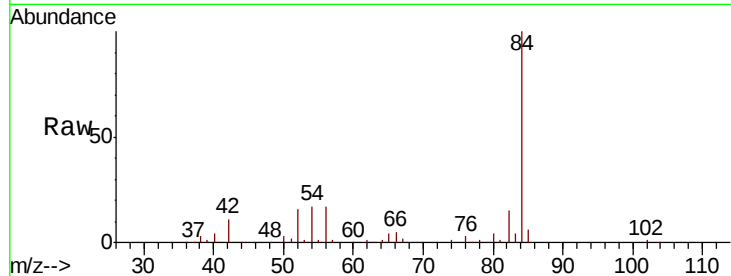




#27
 1,2-Dichloroethane
 Concen: 0.046 ug/L
 RT: 5.75 min Scan# 1371
 Delta R.T. -0.06 min
 Lab File: VU040455.D
 Acq: 02 Oct 2020 13:01

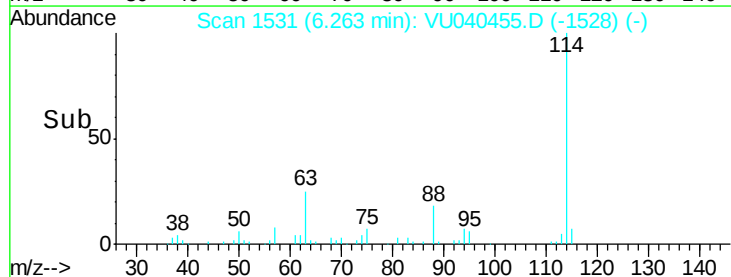
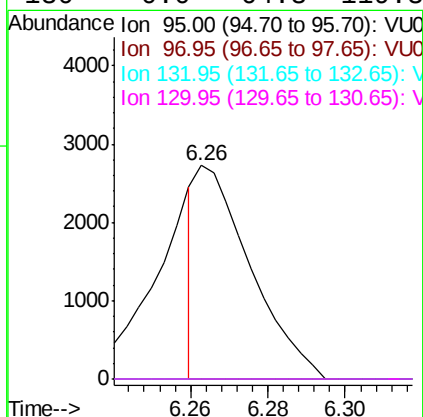
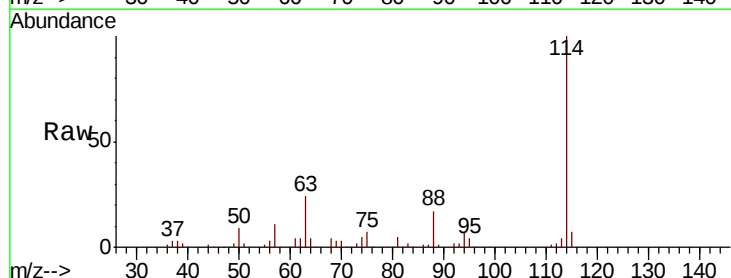
Instrument :
 MSVOA_U
 ClientSampled :
 C0AR9

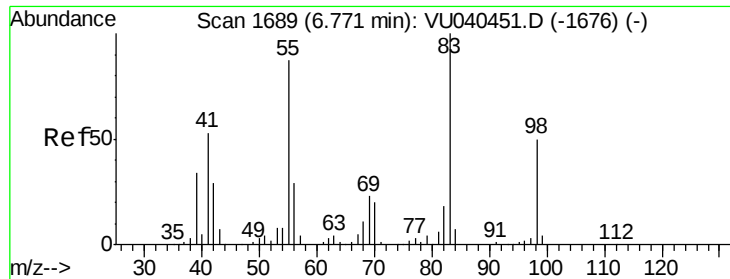
Tot Ion: 62 Resp: 705
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#34
 Trichloroethene
 Concen: 0.215 ug/L
 RT: 6.26 min Scan# 1531
 Delta R.T. -0.29 min
 Lab File: VU040455.D
 Acq: 02 Oct 2020 13:01

Tgt Ion: 95 Resp: 2639
 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#

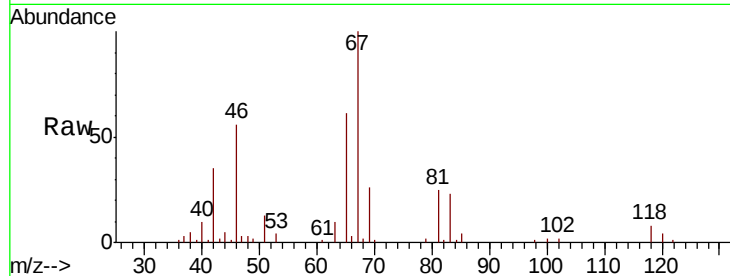




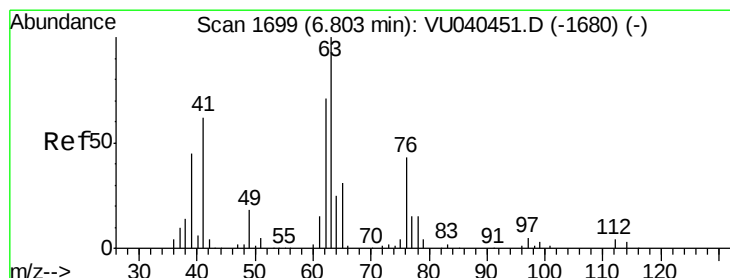
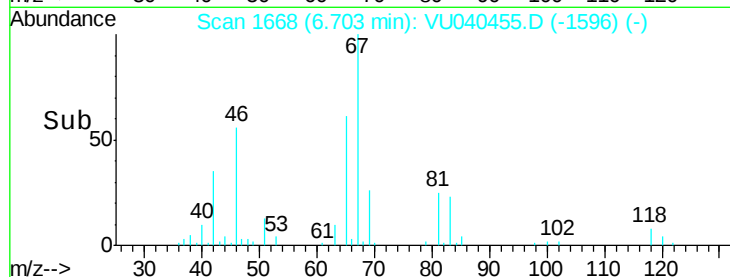
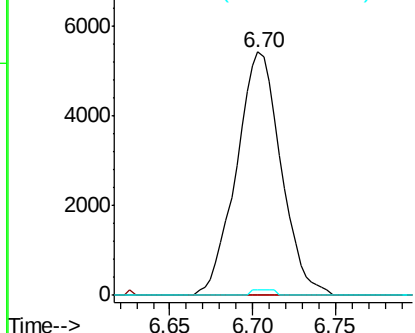
#35
Methylvlcyclohexane
Concen: 0.563 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040455.D
Acq: 02 Oct 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :
C0AR9

Tot Ion: 83 Resp: 10156
Ion Ratio Lower Upper
83 100
55 0.2 71.4 107.2#
98 1.1 38.5 57.7#

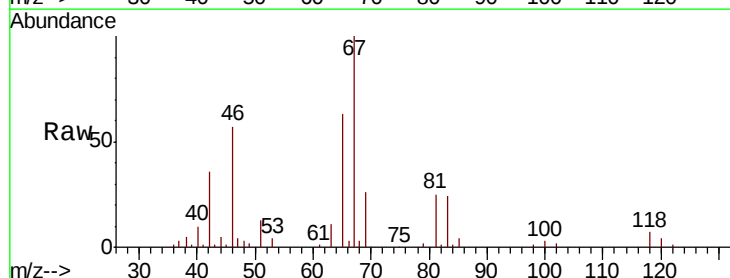


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

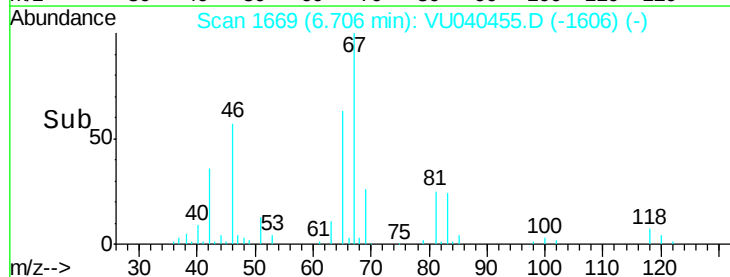
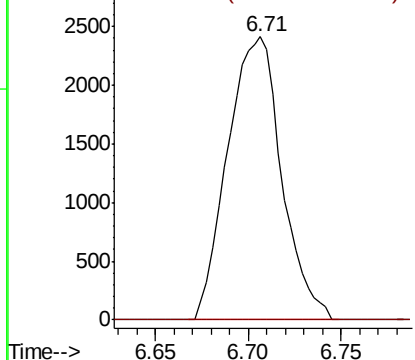


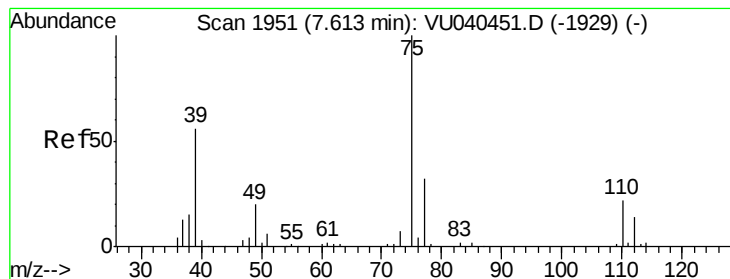
#37
1,2-Dichloropropane
Concen: 0.379 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU040455.D
Acq: 02 Oct 2020 13:01

Tgt Ion: 63 Resp: 4889
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



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



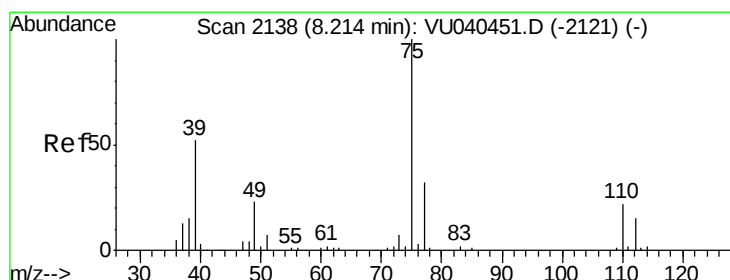
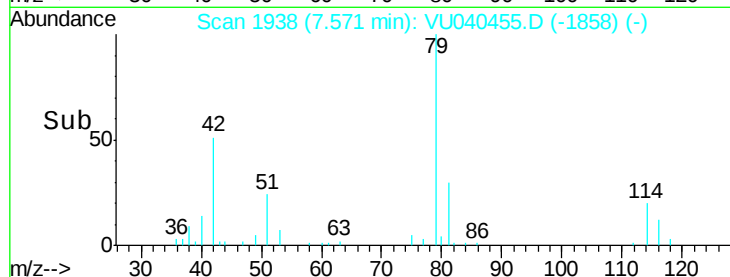
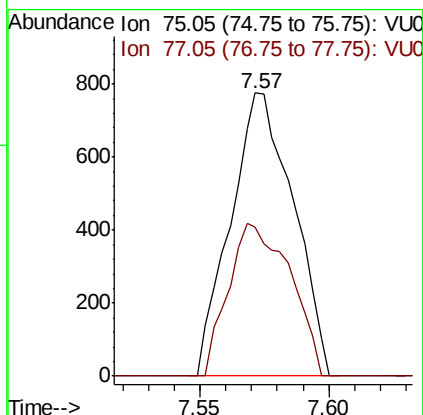
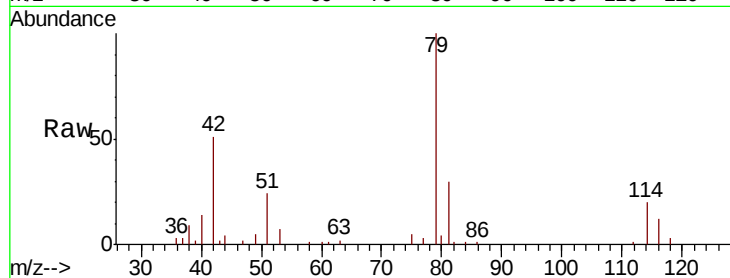


#39

cis-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040455.D
Acq: 02 Oct 2020 13:01

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ClientSampled :
C0AR9

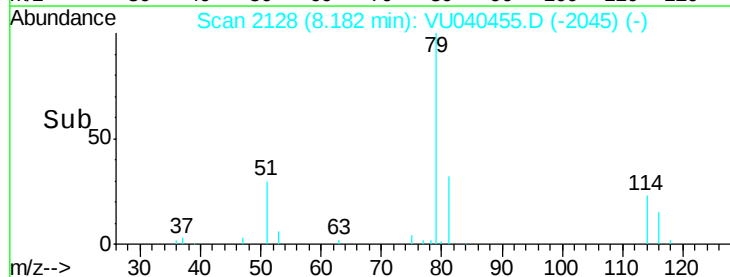
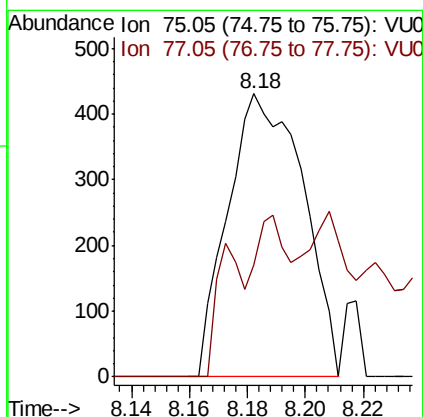
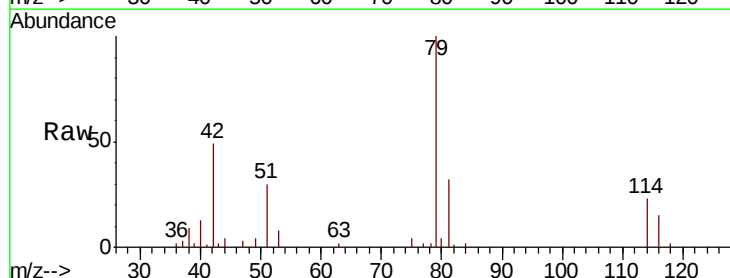
Tot Ion: 75 Resp: 1317
Ion Ratio Lower Upper
75 100
77 52.5 23.5 43.7#

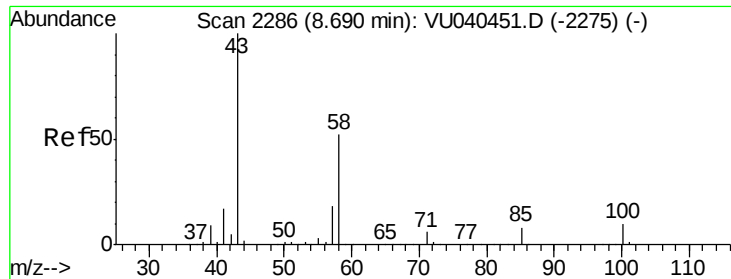


#44

trans-1,3-Dichloropropene
Concen: 0.049 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040455.D
Acq: 02 Oct 2020 13:01

Tgt Ion: 75 Resp: 775
Ion Ratio Lower Upper
75 100
77 39.4 22.3 41.3





#48

2-Hexanone

Concen: 1.758 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU040455.D

Acq: 02 Oct 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

C0AR9

Tot Ion: 43 Resp: 13087

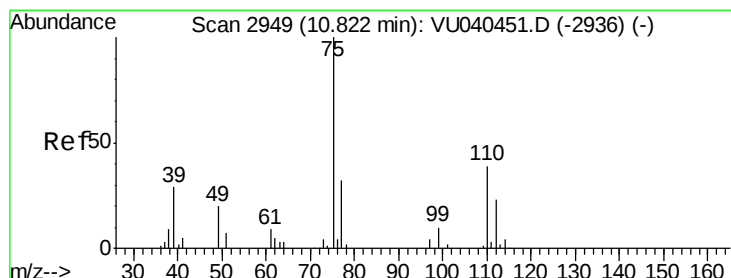
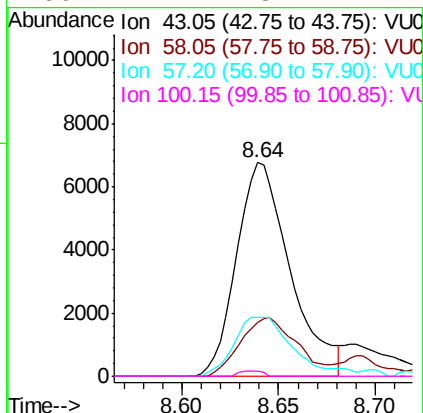
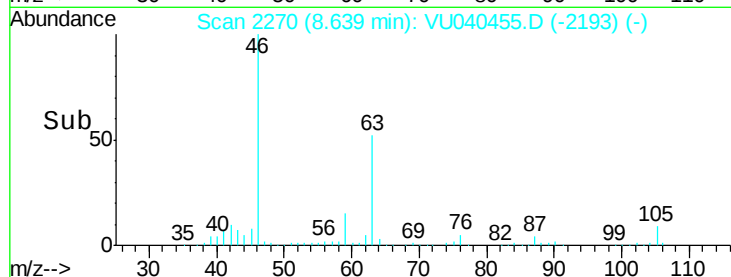
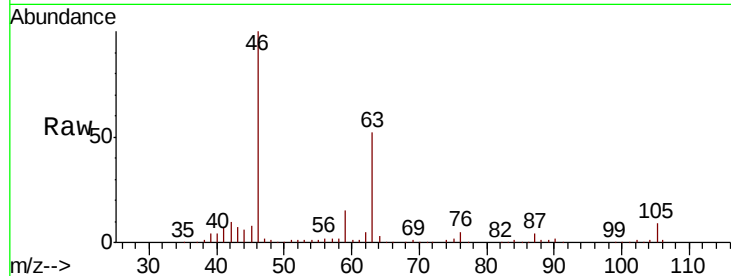
Ion Ratio Lower Upper

43 100

58 28.9 41.0 61.4#

57 30.5 14.6 22.0#

100 1.1 8.2 12.4#



#59

1,2,3-Trichloropropane

Concen: 0.969 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040455.D

Acq: 02 Oct 2020 13:01

Tgt Ion: 75 Resp: 9057

Ion Ratio Lower Upper

75 100

77 37.9 25.7 38.5

