

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040608.D
 Acq On : 10 Oct 2020 01:20
 Operator : SY/MD
 Sample : L4352-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETYZ4

Quant Time: Oct 10 06:07:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 10 05:58:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	132563	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	134290	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57930	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	47993	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.93	69	40893	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.58	63	73211	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.66	46	187944	53.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.94%
24) Chloroform-d	5.08	84	97386	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.72	65	58859	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.74	84	174915	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.70	67	60544	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.91	98	143457	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.19	79	22711	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.64	63	132875	50.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52866	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	57145	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

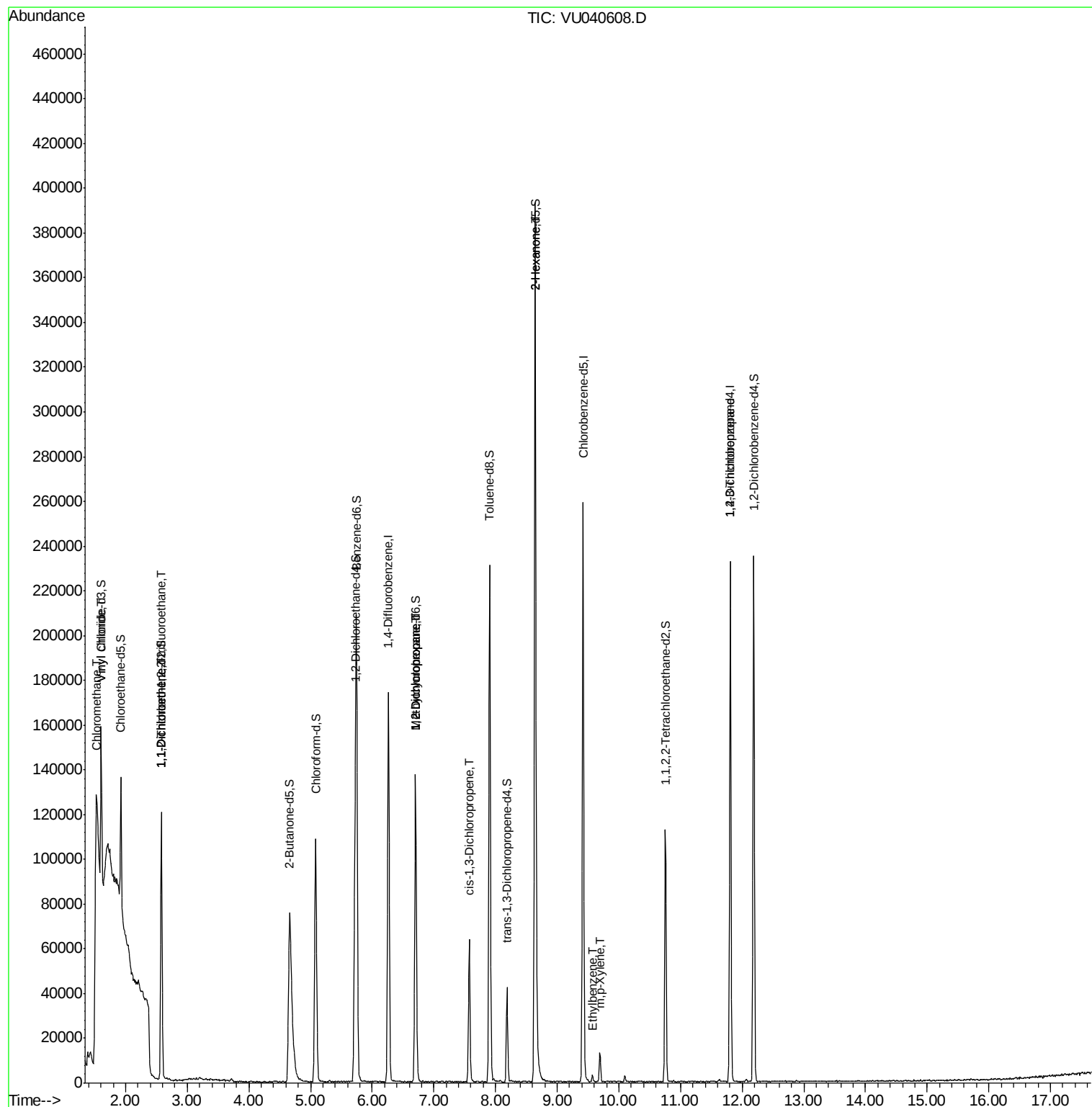
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	4891	0.435	ug/L #	54
5) Vinyl chloride	1.61	62	404	0.034	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	627	0.057	ug/L #	20
12) 1,1-Dichloroethene	2.58	96	559	0.059	ug/L #	1
35) Methylcyclohexane	6.70	83	14633	0.923	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6989	0.581	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1635	0.100	ug/L #	62
48) 2-Hexanone	8.64	43	19167	2.686	ug/L #	69
52) Ethylbenzene	9.57	91	2499	0.053	ug/L #	79
53) m,p-Xylene	9.69	106	3381	0.195	ug/L	80
59) 1,2,3-Trichloropropane	11.81	75	7932	0.898	ug/L	93

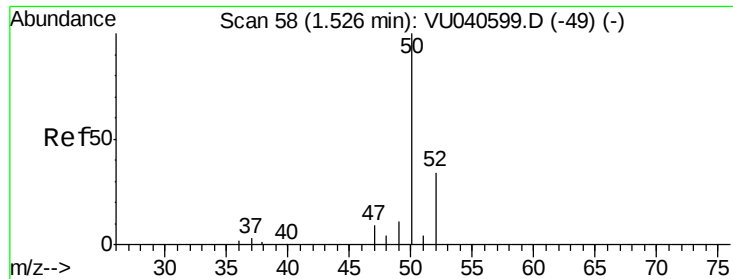
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.435 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040608.D

Acq: 10 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

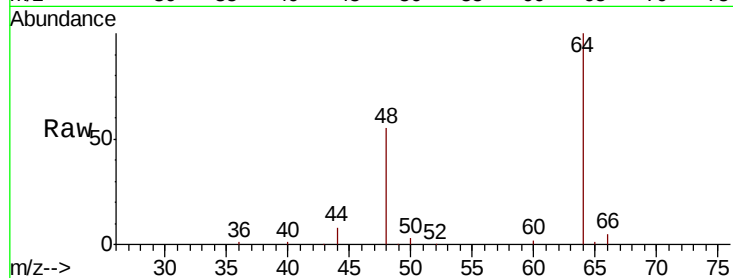
ETYZ4

Tot Ion: 50 Resp: 4891

Ion Ratio Lower Upper

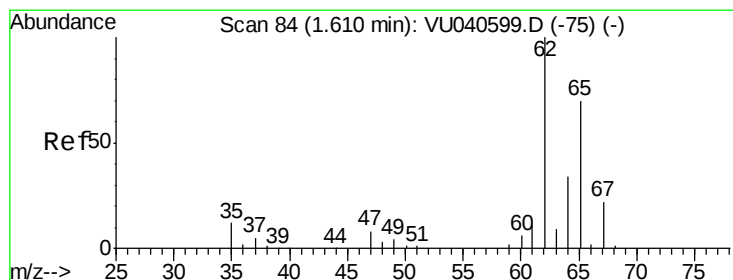
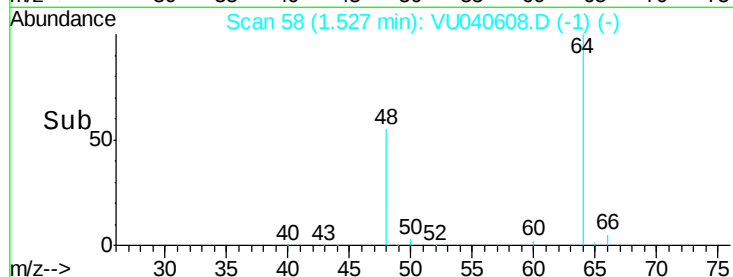
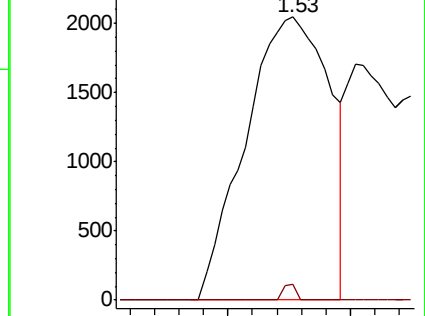
50 100

52 5.8 21.9 40.7#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#5

Vinyl chloride

Concen: 0.034 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040608.D

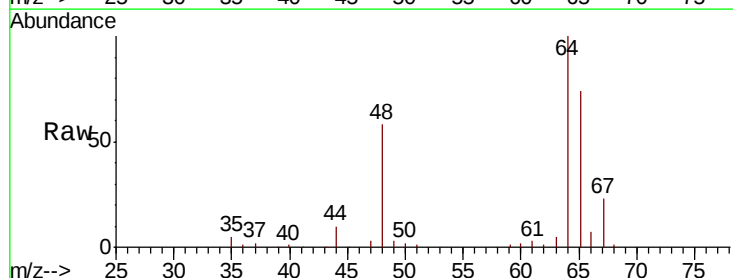
Acq: 10 Oct 2020 01:20

Tgt Ion: 62 Resp: 404

Ion Ratio Lower Upper

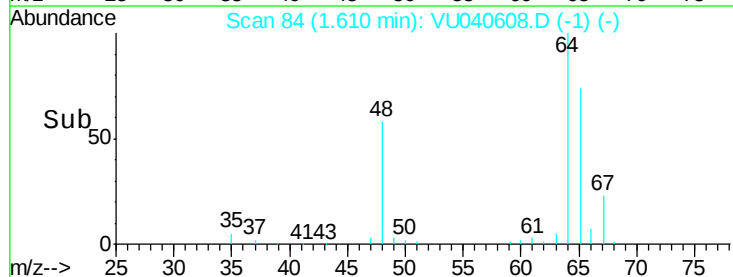
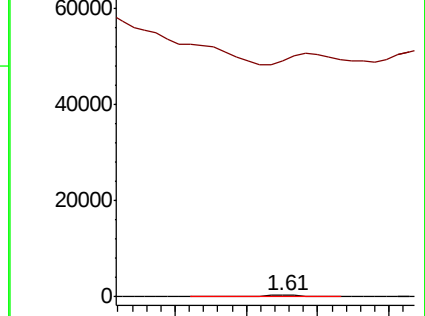
62 100

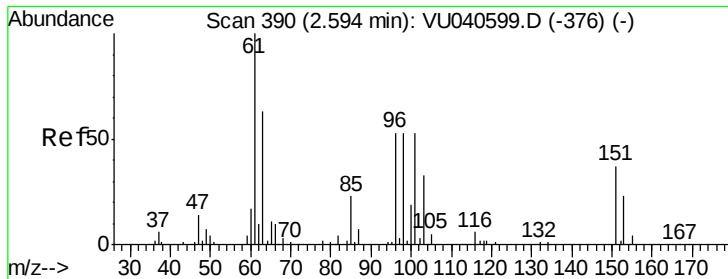
64 15197.5 23.7 44.1#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.057 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040608.D

Acq: 10 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

ETYZ4

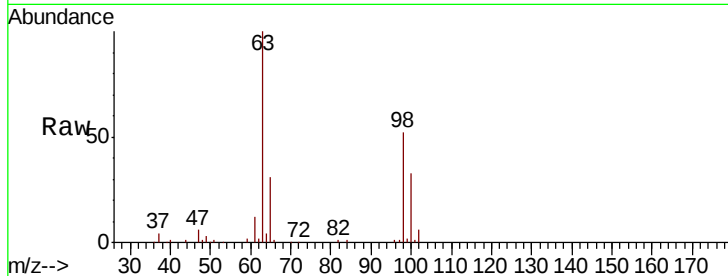
Tot Ion:101 Resp: 627

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

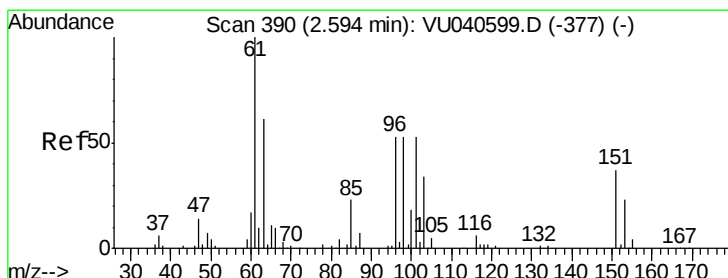
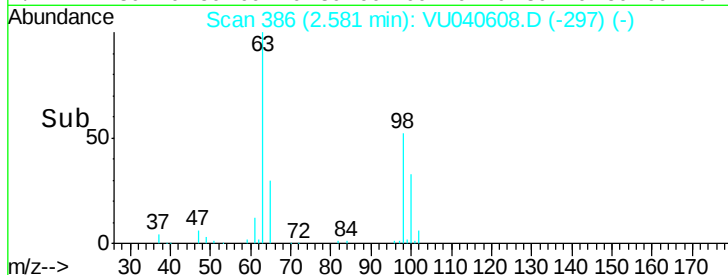
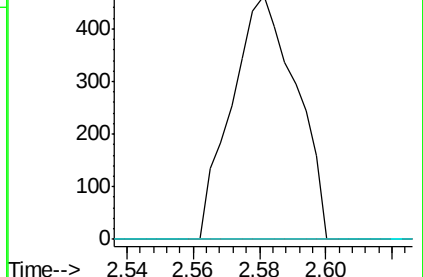
151 0.0 58.0 87.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.059 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU040608.D

Acq: 10 Oct 2020 01:20

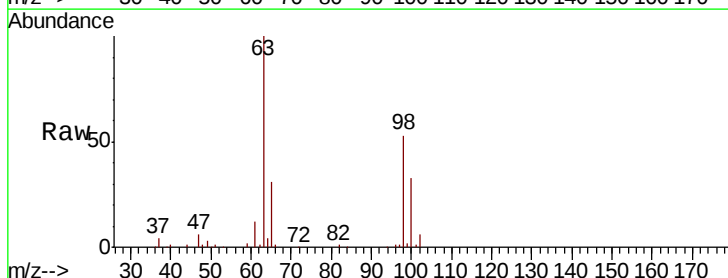
Tgt Ion: 96 Resp: 559

Ion Ratio Lower Upper

96 100

61 1163.0 128.8 239.2#

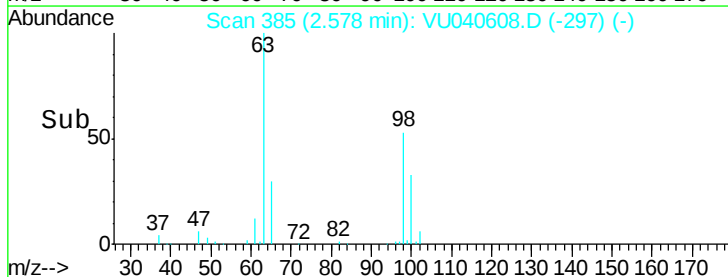
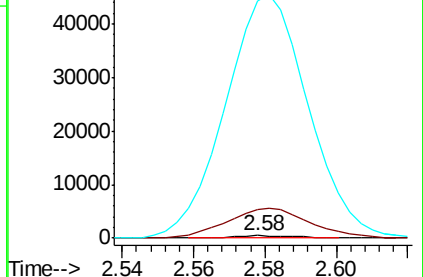
63 9634.9 84.6 157.2#

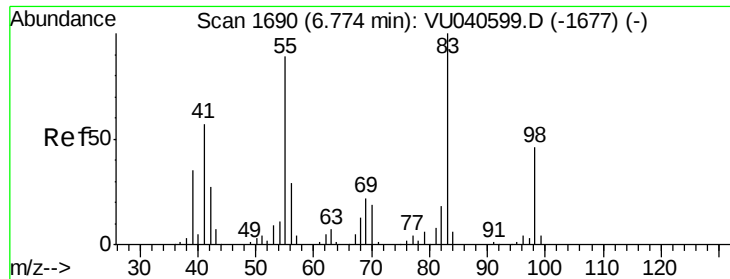


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

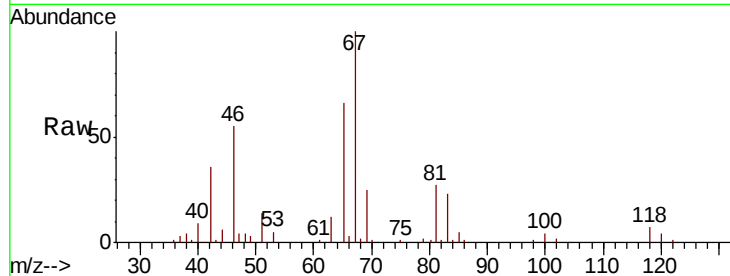




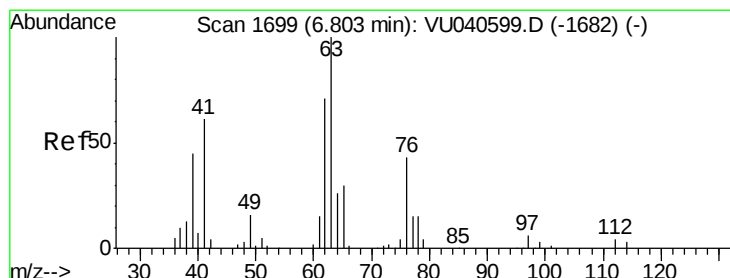
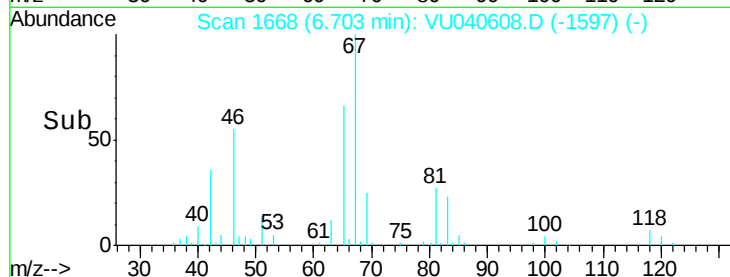
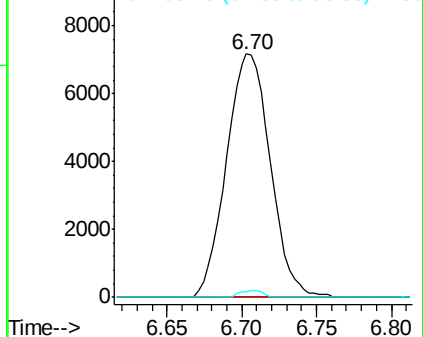
#35
Methvlcvclohexane
Concen: 0.923 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040608.D
Acq: 10 Oct 2020 01:20

Instrument :
MSVOA_U
ClientSampleId :
ETYZ4

Tot Ion: 83 Resp: 14633
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 1.5 38.4 57.6#

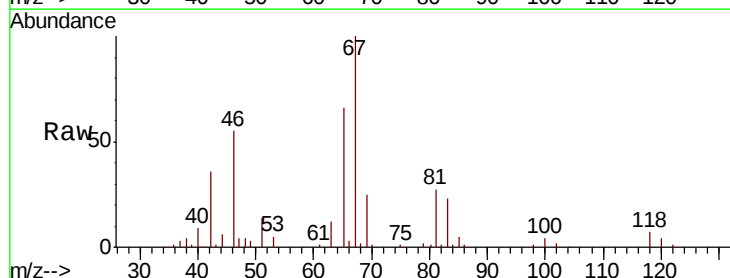


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

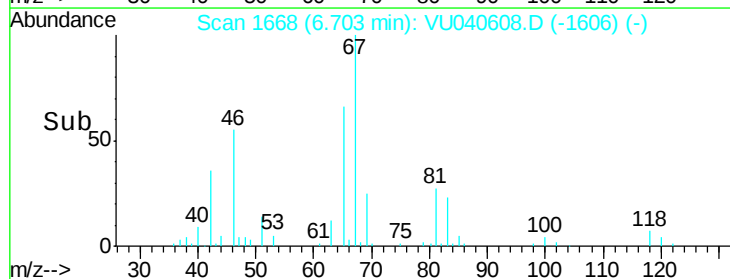
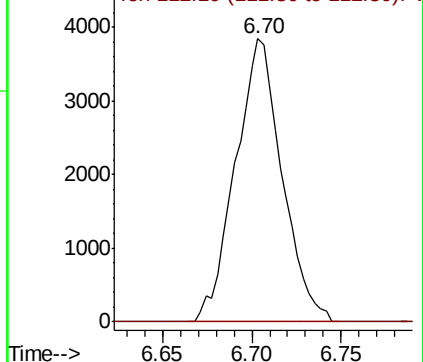


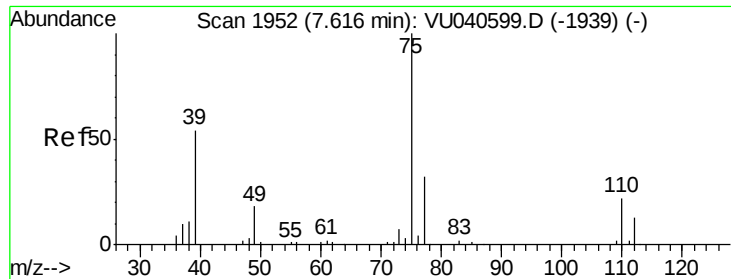
#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040608.D
Acq: 10 Oct 2020 01:20

Tgt Ion: 63 Resp: 6989
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



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

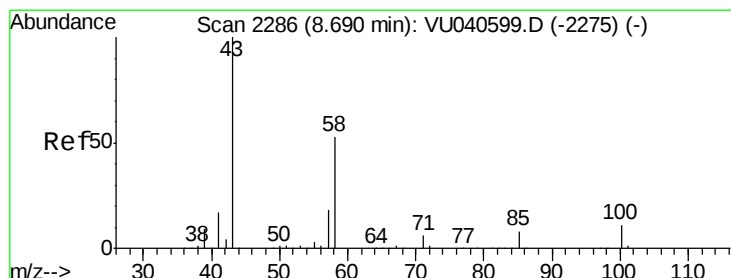
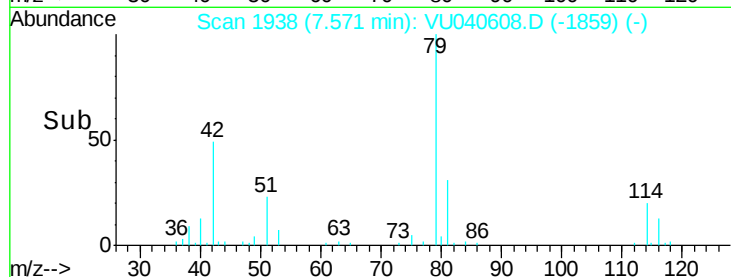
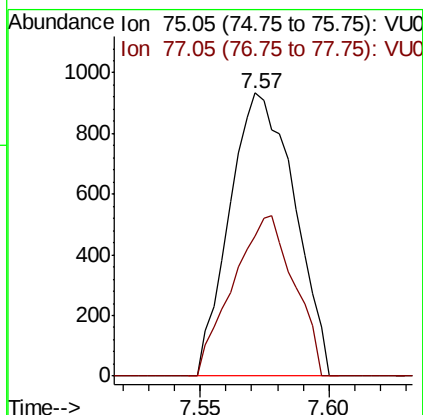
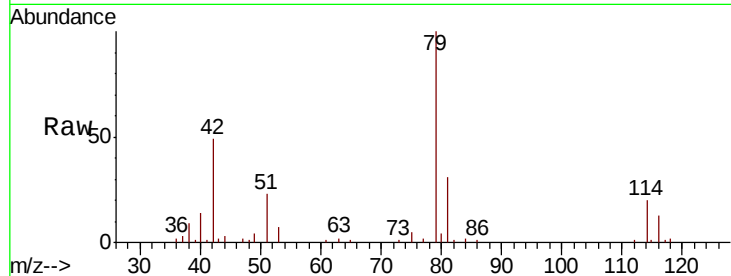




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040608.D
 Acq: 10 Oct 2020 01:20

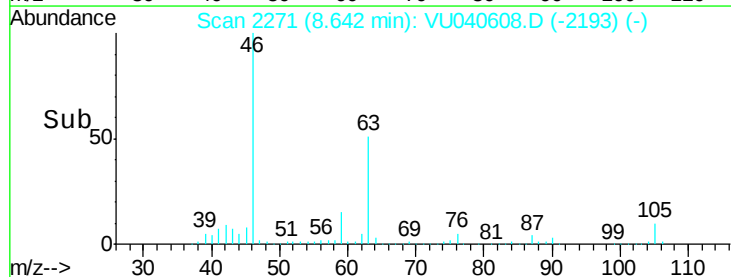
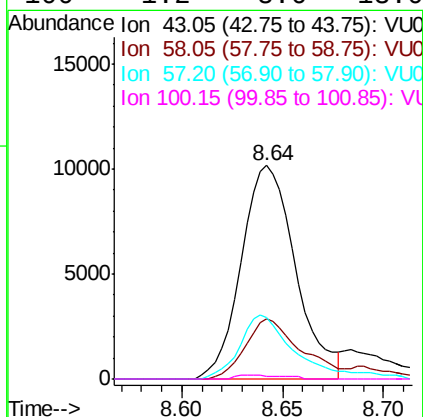
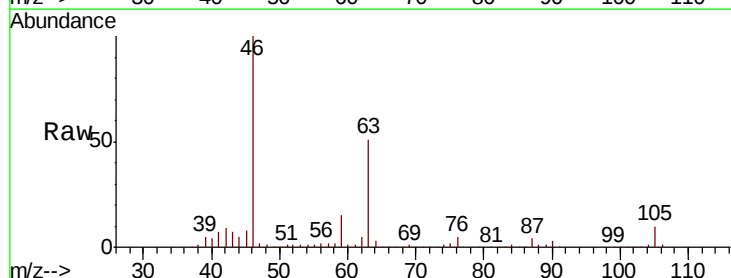
Instrument :
 MSVOA_U
 ClientSampled :
 ETYZ4

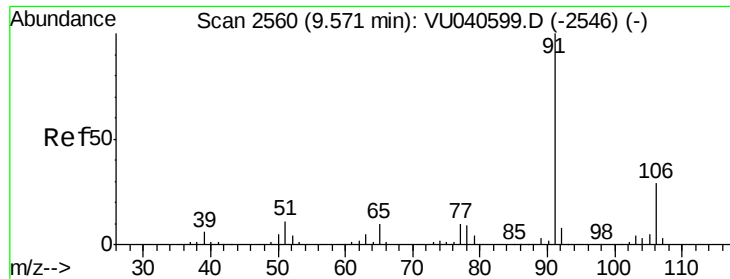
Tot Ion: 75 Resp: 1635
 Ion Ratio Lower Upper
 75 100
 77 49.5 20.5 38.1#



#48
 2-Hexanone
 Concen: 2.686 ug/L
 RT: 8.64 min Scan# 2271
 Delta R.T. -0.05 min
 Lab File: VU040608.D
 Acq: 10 Oct 2020 01:20

Tgt Ion: 43 Resp: 19167
 Ion Ratio Lower Upper
 43 100
 58 28.8 41.0 61.6#
 57 31.2 14.4 21.6#
 100 1.2 8.6 13.0#





#52

Ethylbenzene

Concen: 0.053 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU040608.D

Acq: 10 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampled :

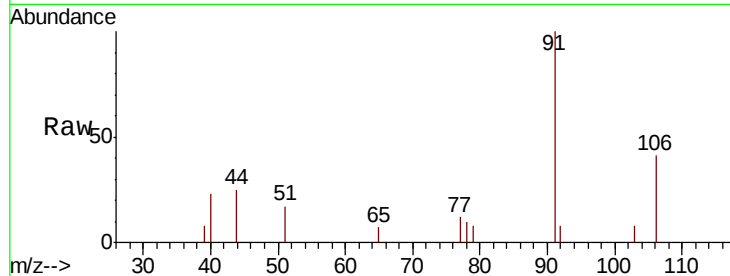
ETYZ4

Tot Ion: 91 Resp: 2499

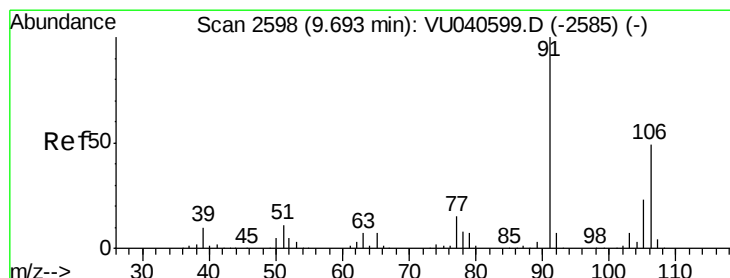
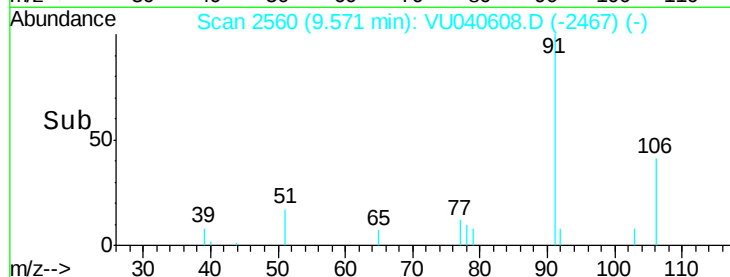
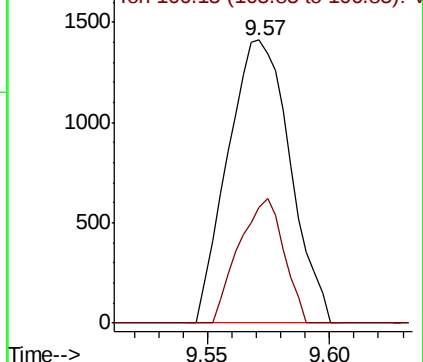
Ion Ratio Lower Upper

91 100

106 41.0 20.7 38.5#



Abundance Ion 91.15 (90.85 to 91.85): VU040599.D (-2546) (-)



#53

m,p-Xylene

Concen: 0.195 ug/L

RT: 9.69 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VU040608.D

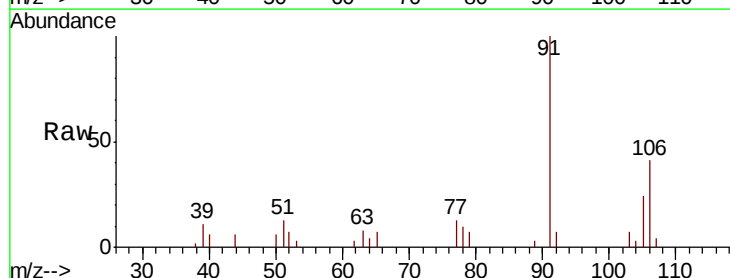
Acq: 10 Oct 2020 01:20

Tgt Ion: 106 Resp: 3381

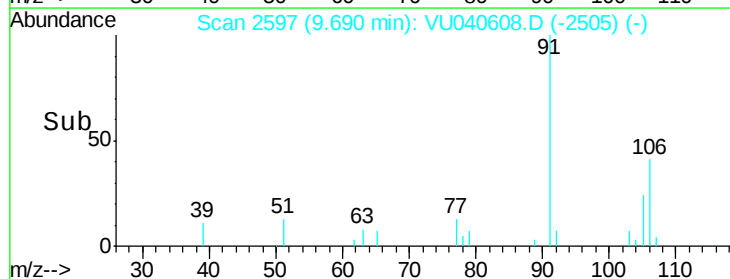
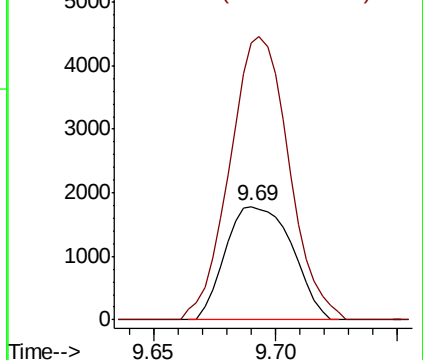
Ion Ratio Lower Upper

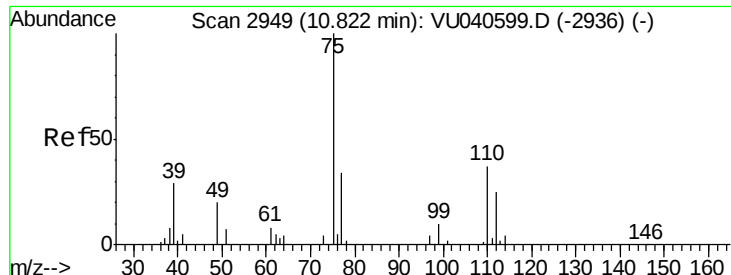
106 100

91 244.0 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): VU040599.D (-2585) (-)





#59

1,2,3-Trichloropropane

Concen: 0.898 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040608.D

Acq: 10 Oct 2020 01:20

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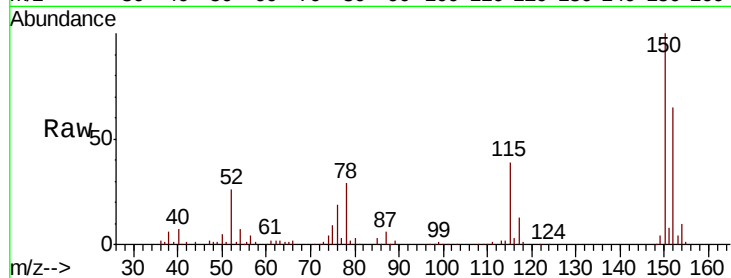
ETYZ4

Tot Ion: 75 Resp: 7932

Ion Ratio Lower Upper

75 100

77 36.7 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

