

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040616.D
 Acq On : 10 Oct 2020 04:24
 Operator : SY/MD
 Sample : L4352-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ03

Quant Time: Oct 10 06:08:55 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	128834	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	135018	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56778	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	48130	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.92	69	40883	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.58	63	73011	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.66	46	190466	55.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.50%
24) Chloroform-d	5.08	84	94719	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.72	65	59385	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.74	84	176704	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.70	67	60244	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.91	98	142415	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.19	79	23589	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.64	63	132398	50.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.34%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52667	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	59169	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	497	0.046 ug/L #	43
8) Chloroethane	1.95	64	395	0.054 ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	552	0.052 ug/L #	20
13) Acetone	2.66	43	2258	0.853 ug/L	60
25) Chloroform	5.11	83	1816	0.089 ug/L	84
33) Benzene	5.74	78	1397	0.032 ug/L	100
35) Methylcyclohexane	6.71	83	14311	0.898 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	7025	0.581 ug/L #	87
39) cis-1,3-Dichloropropene	7.58	75	1500	0.091 ug/L #	69
44) trans-1,3-Dichloropropene	8.19	75	1153	0.076 ug/L	90
48) 2-Hexanone	8.64	43	19317	2.693 ug/L #	76
52) Ethylbenzene	9.57	91	3757	0.079 ug/L	99
53) m,p-Xylene	9.69	106	5727	0.328 ug/L	82
54) o-Xylene	10.10	106	1344	0.080 ug/L	99
59) 1,2,3-Trichloropropane	11.81	75	7662	0.863 ug/L	91

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 10 05:58:50 2020
Response via : Initial Calibration

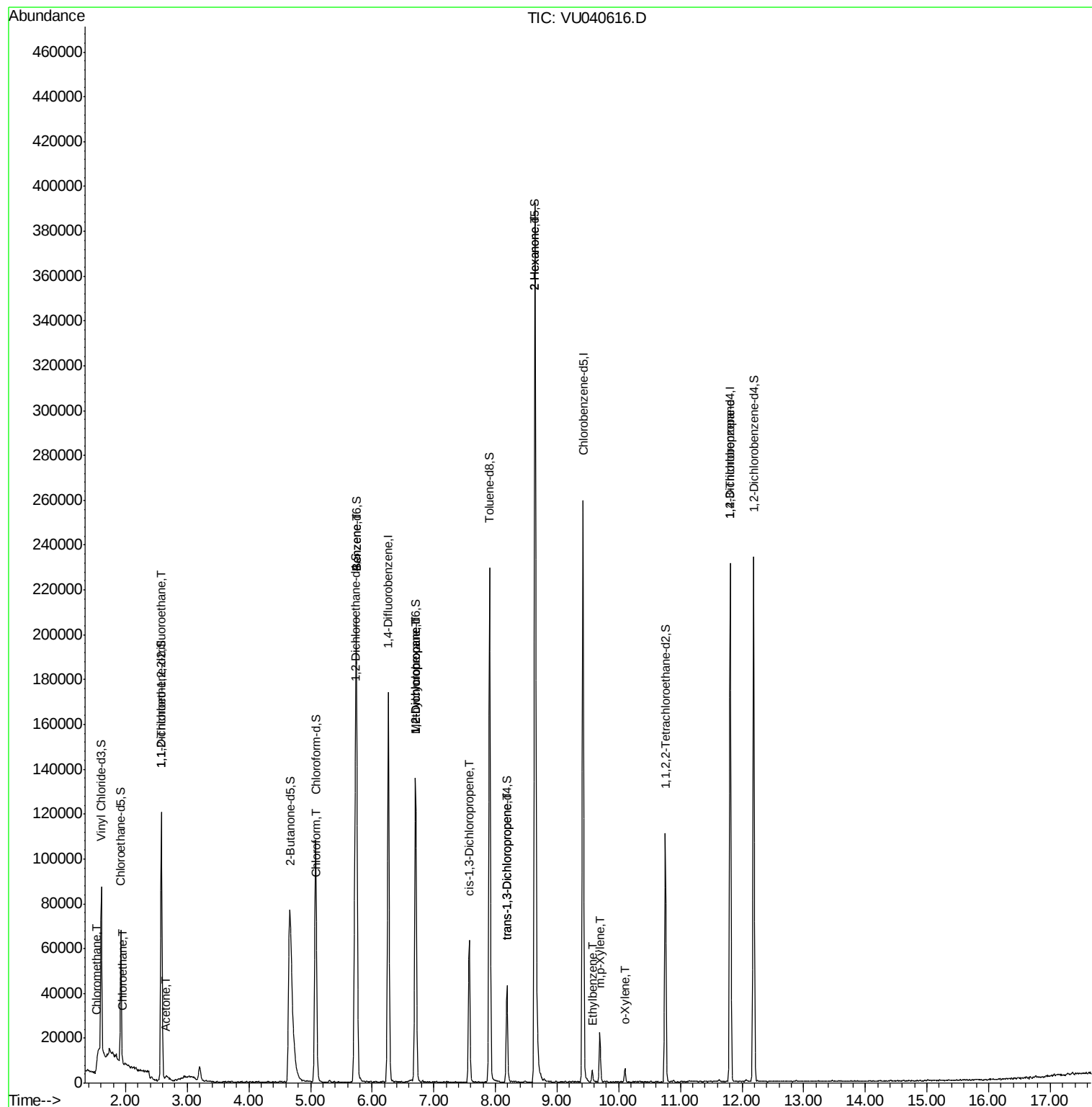
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

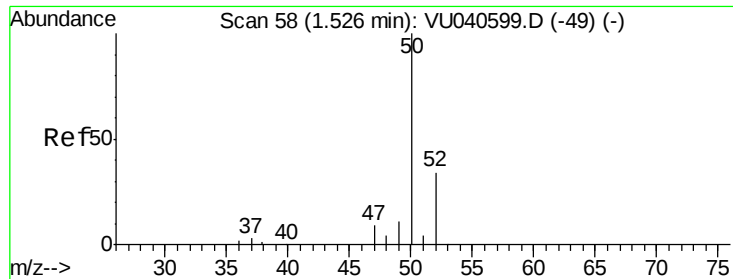
(#)= qualifier out of range (m)= manual integration (+)= signals summed						

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#3

Chloromethane

Concen: 0.046 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040616.D

Acq: 10 Oct 2020 04:24

Instrument :

MSVOA_U

ClientSampleId :

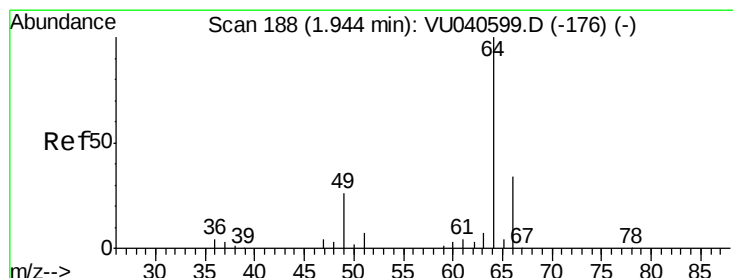
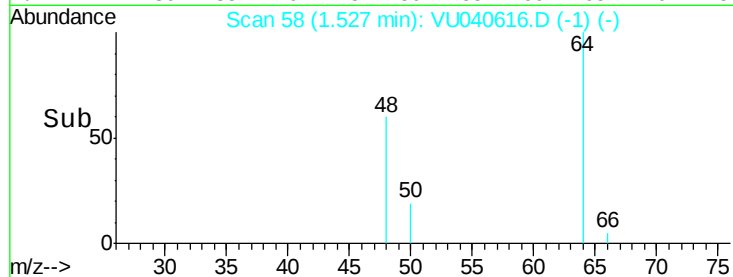
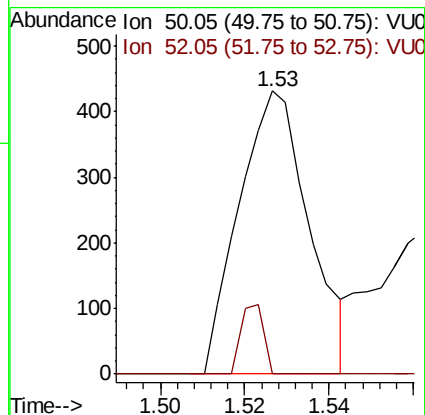
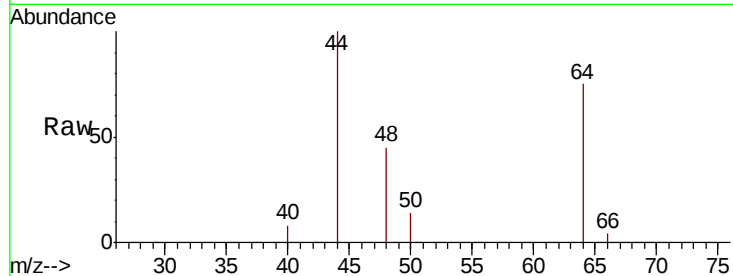
ETZ03

Tot Ion: 50 Resp: 497

Ion Ratio Lower Upper

50 100

52 0.0 21.9 40.7#



#8

Chloroethane

Concen: 0.054 ug/L

RT: 1.95 min Scan# 191

Delta R.T. 0.01 min

Lab File: VU040616.D

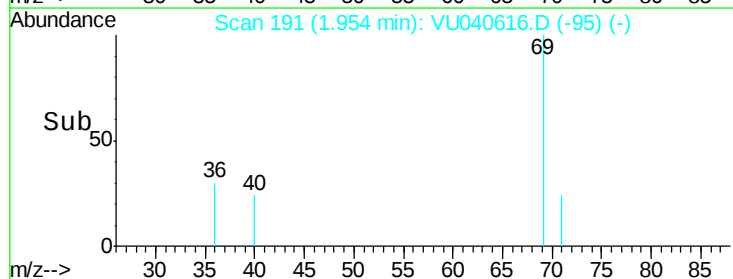
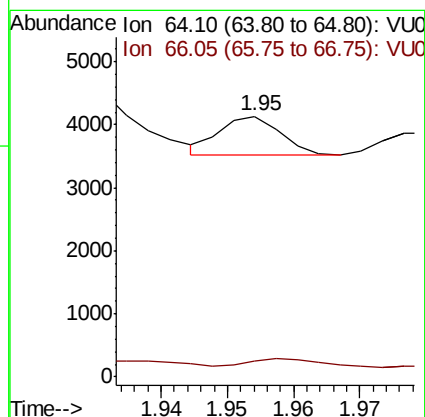
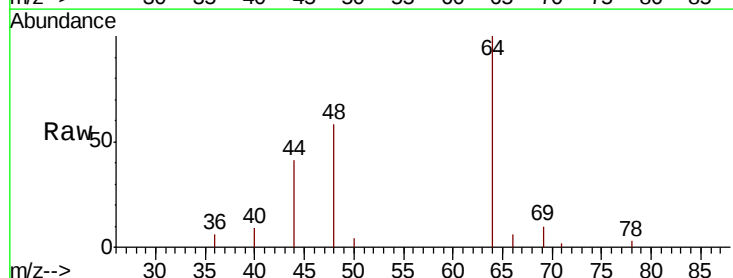
Acq: 10 Oct 2020 04:24

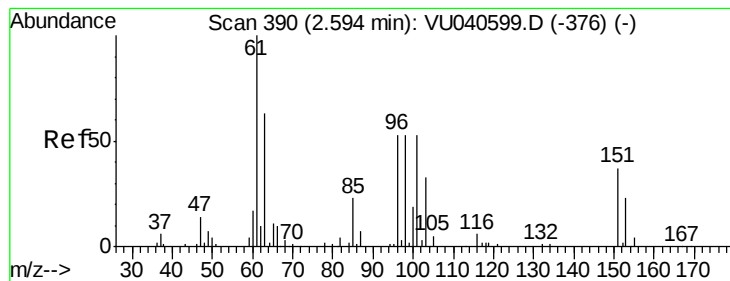
Tgt Ion: 64 Resp: 395

Ion Ratio Lower Upper

64 100

66 6.1 23.3 43.3#





#10

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

Concen: 0.052 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040616.D

Acq: 10 Oct 2020 04:24

Instrument :

MSVOA_U

ClientSampled :

ETZ03

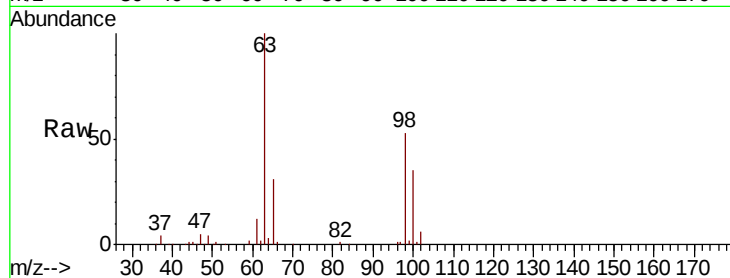
Tot Ion:101 Resp: 552

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

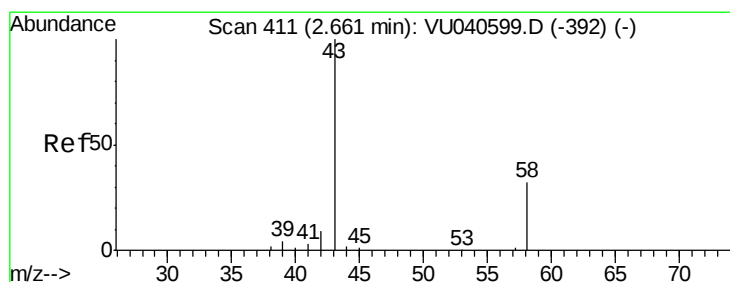
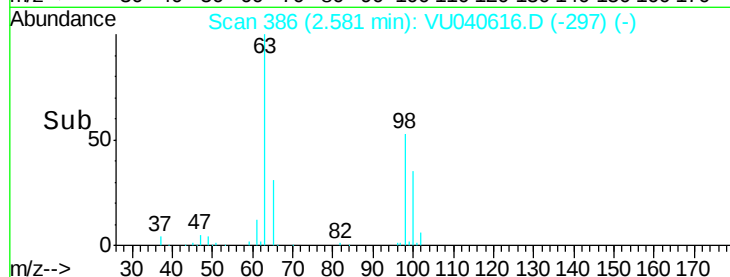
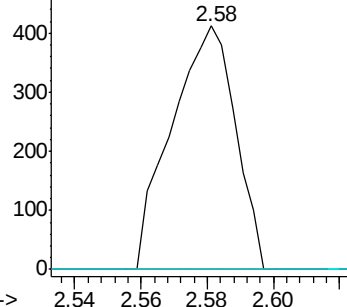
151 0.0 58.0 87.0#



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



#13

Acetone

Concen: 0.853 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU040616.D

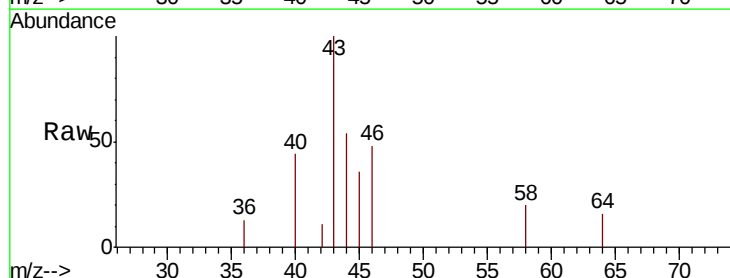
Acq: 10 Oct 2020 04:24

Tgt Ion: 43 Resp: 2258

Ion Ratio Lower Upper

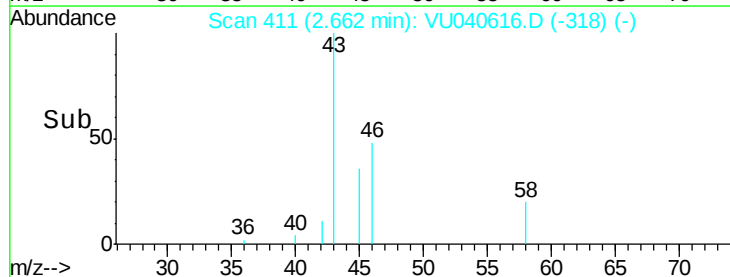
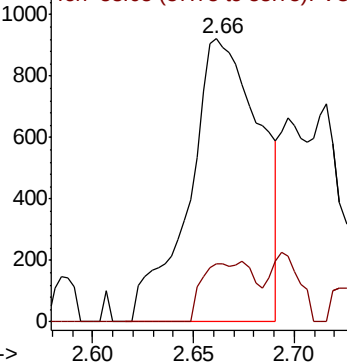
43 100

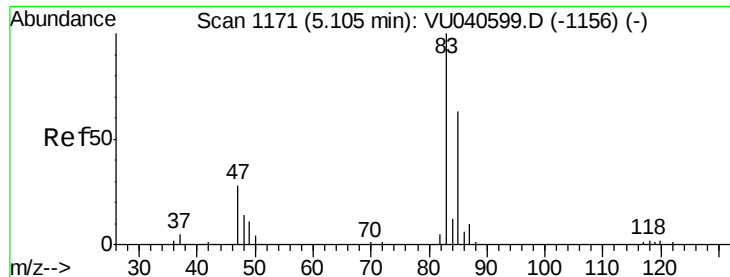
58 8.5 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

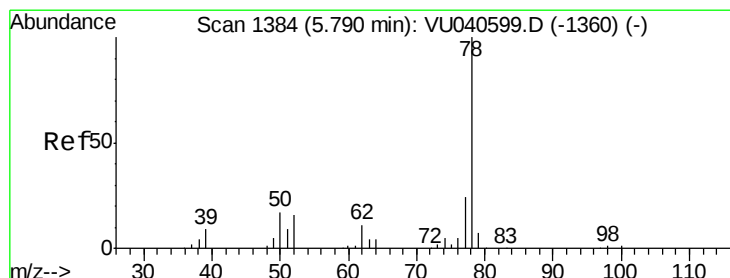
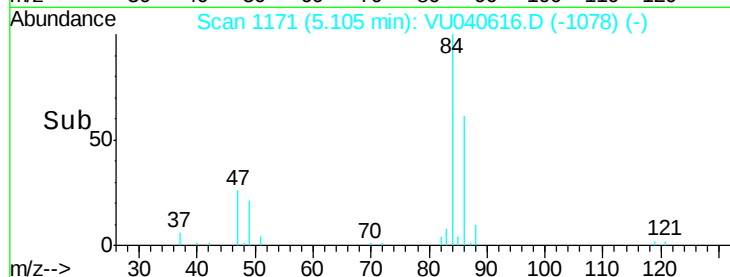
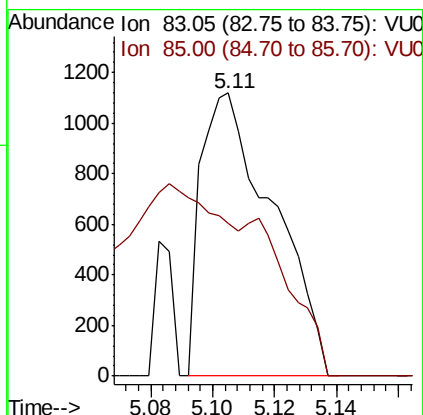
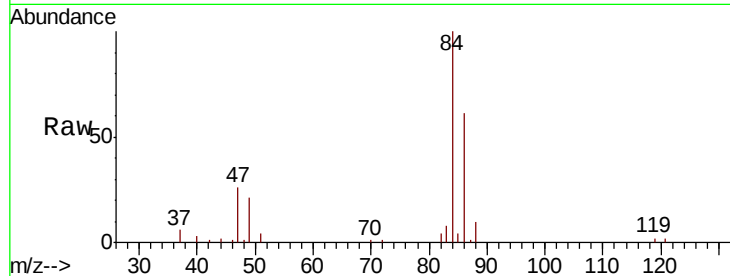




#25
Chloroform
Concen: 0.089 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040616.D
Acq: 10 Oct 2020 04:24

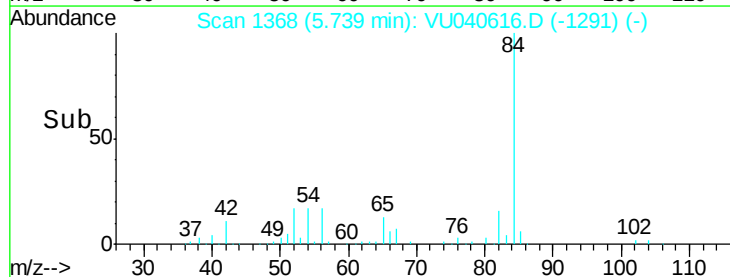
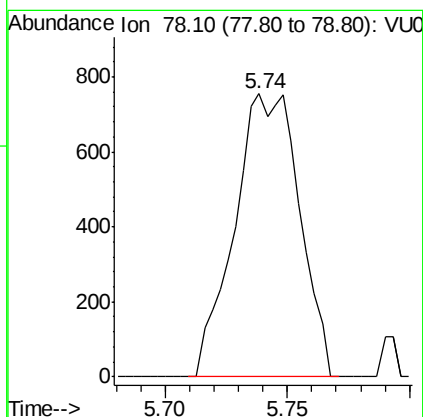
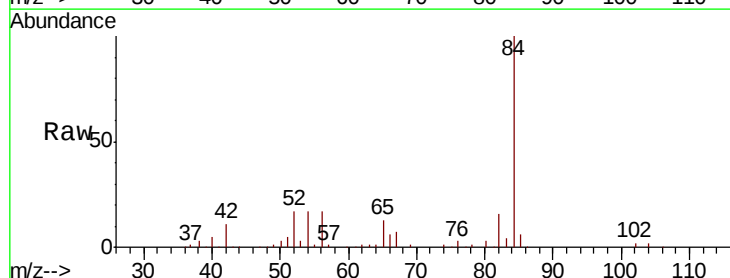
Instrument :
MSVOA_U
ClientSampled :
ETZ03

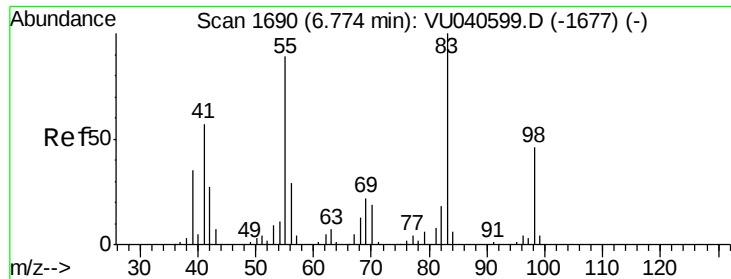
Tot Ion: 83 Resp: 1816
Ion Ratio Lower Upper
83 100
85 53.8 46.5 86.5



#33
Benzene
Concen: 0.032 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.05 min
Lab File: VU040616.D
Acq: 10 Oct 2020 04:24

Tgt Ion: 78 Resp: 1397

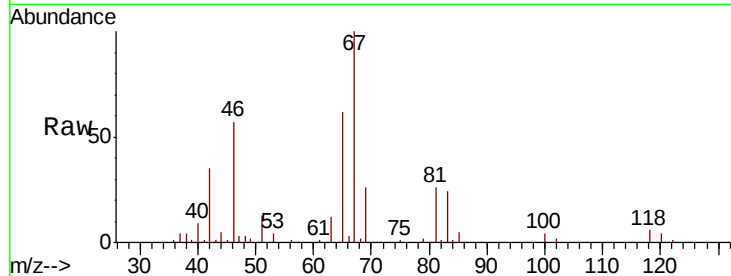




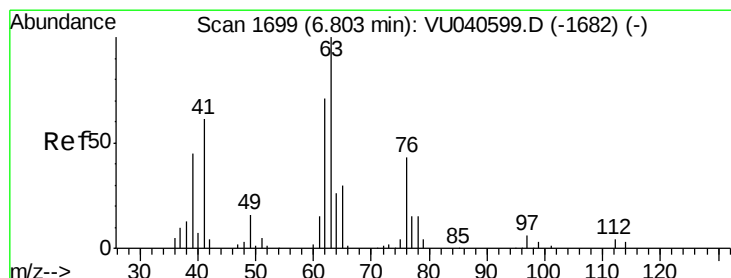
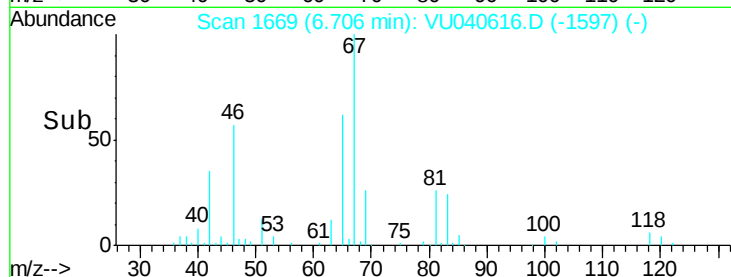
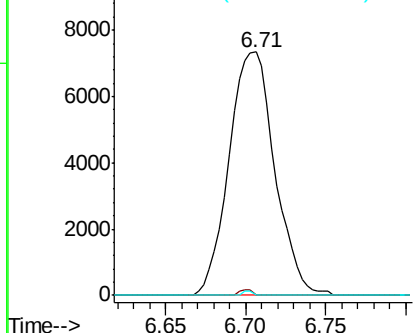
#35
Methvlcvclohexane
Concen: 0.898 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU040616.D
Acq: 10 Oct 2020 04:24

Instrument :
MSVOA_U
ClientSampleId :
ETZ03

Tot Ion: 83 Resp: 14311
Ion Ratio Lower Upper
83 100
55 0.6 70.7 106.1#
98 0.3 38.4 57.6#

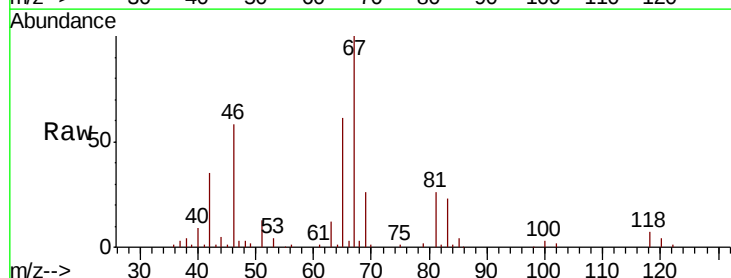


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

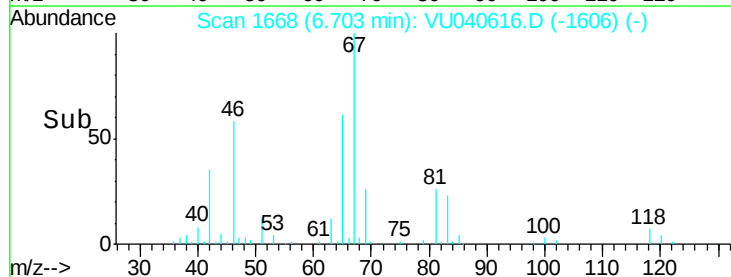
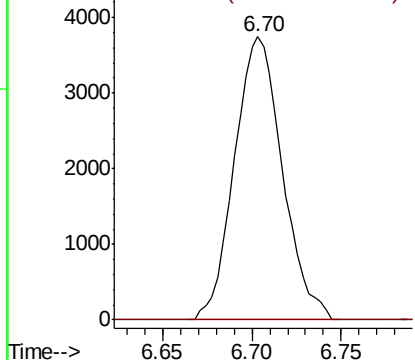


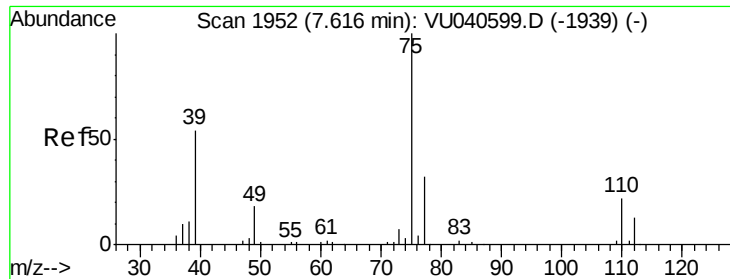
#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040616.D
Acq: 10 Oct 2020 04:24

Tgt Ion: 63 Resp: 7025
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: 0.091 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU040616.D

Acq: 10 Oct 2020 04:24

Instrument :

MSVOA_U

ClientSampled :

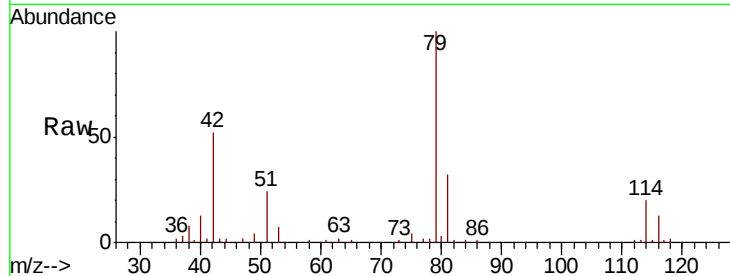
ETZ03

Tot Ion: 75 Resp: 1500

Ion Ratio Lower Upper

75 100

77 46.2 20.5 38.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

800

600

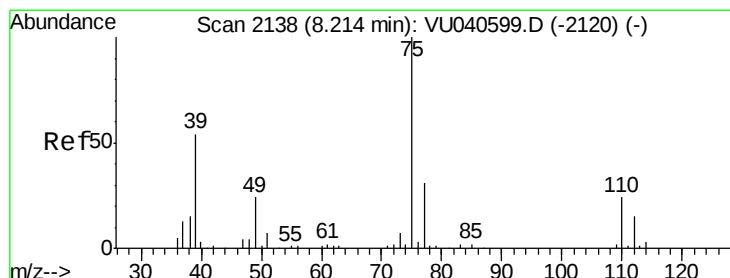
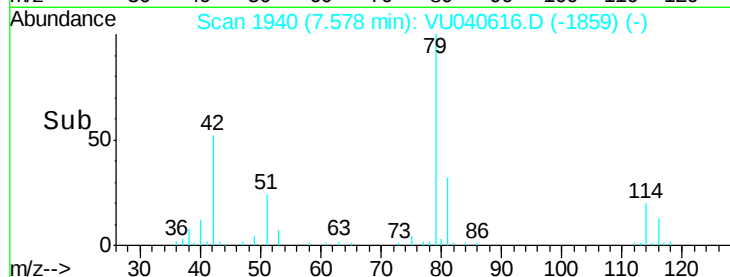
400

200

0

7.55 7.58 7.60

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040616.D

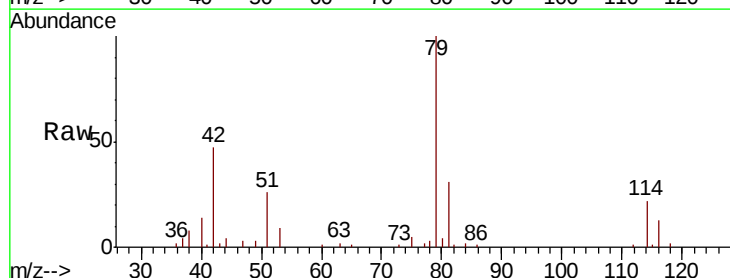
Acq: 10 Oct 2020 04:24

Tgt Ion: 75 Resp: 1153

Ion Ratio Lower Upper

75 100

77 34.3 20.4 38.0



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

800

600

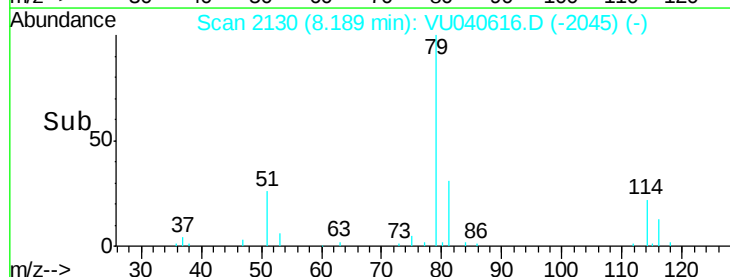
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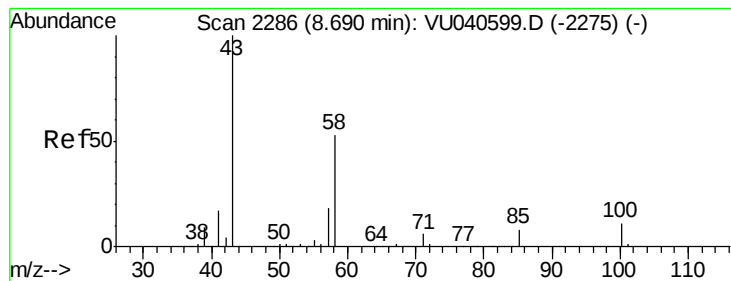
200

0

8.15 8.19 8.20

Time-->





#48

2-Hexanone

Concen: 2.693 ug/L

RT: 8.64 min Scan# 2271

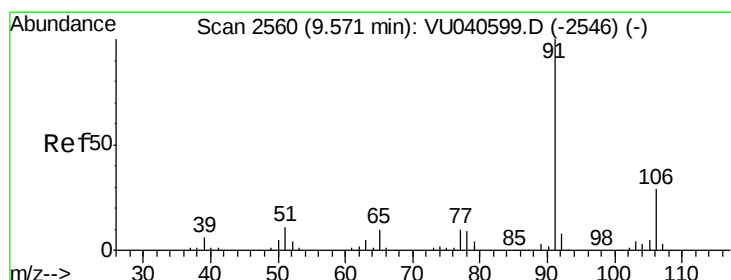
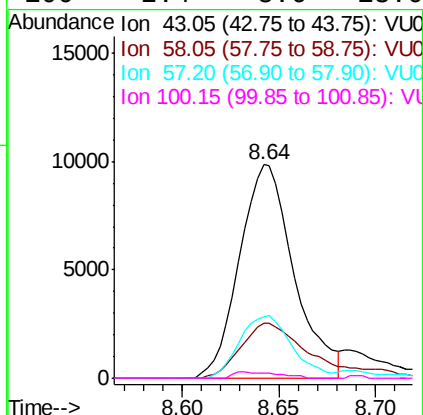
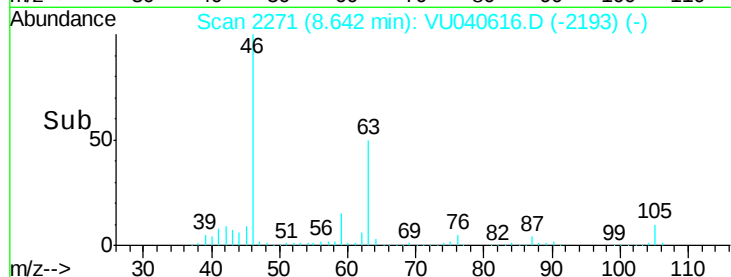
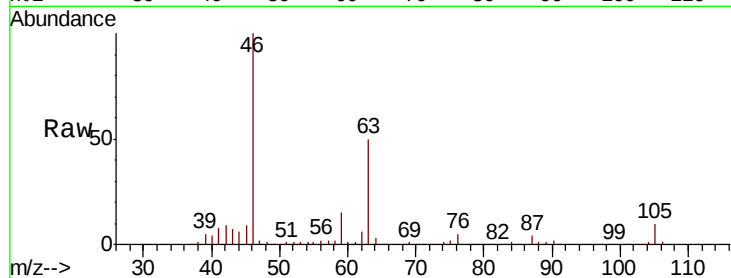
Delta R.T. -0.05 min

Lab File: VU040616.D

Acq: 10 Oct 2020 04:24

Instrument :
MSVOA_U
ClientSampleId :
ETZ03

Tot Ion:	43	Resp:	19317
Ion	Ratio	Lower	Upper
43	100		
58	33.9	41.0	61.6#
57	28.2	14.4	21.6#
100	2.4	8.6	13.0#



#52

Ethylbenzene

Concen: 0.079 ug/L

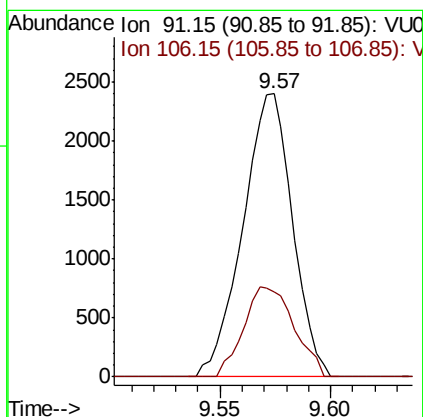
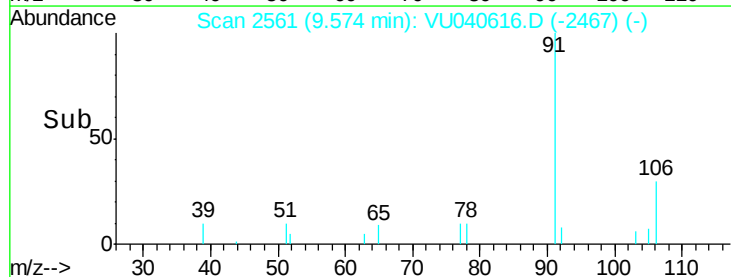
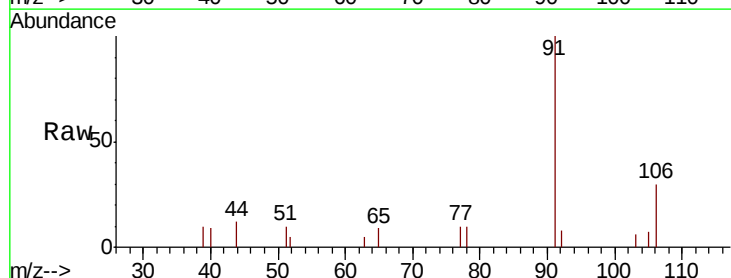
RT: 9.57 min Scan# 2561

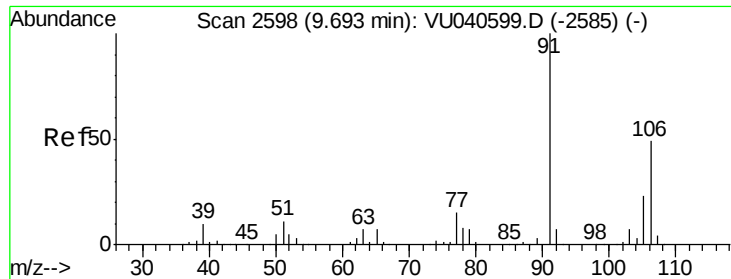
Delta R.T. 0.00 min

Lab File: VU040616.D

Acq: 10 Oct 2020 04:24

Tgt Ion:	91	Resp:	3757
Ion	Ratio	Lower	Upper
91	100		
106	30.1	20.7	38.5





#53

m,p-Xylene

Concen: 0.328 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

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Acq: 10 Oct 2020 04:24

Instrument :

MSVOA_U

ClientSampleId :

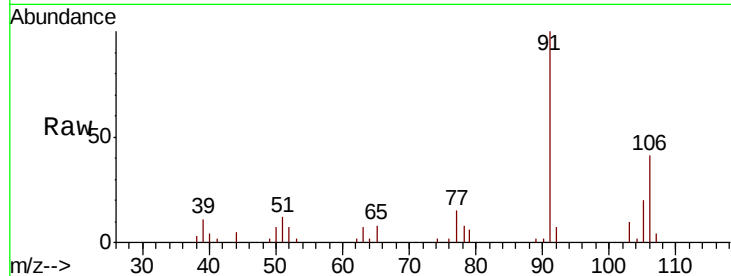
ETZ03

Tot Ion:106 Resp: 5727

Ion Ratio Lower Upper

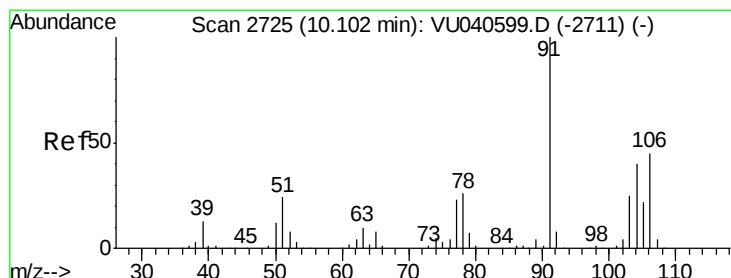
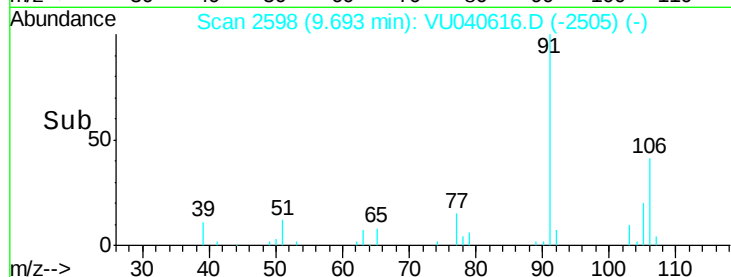
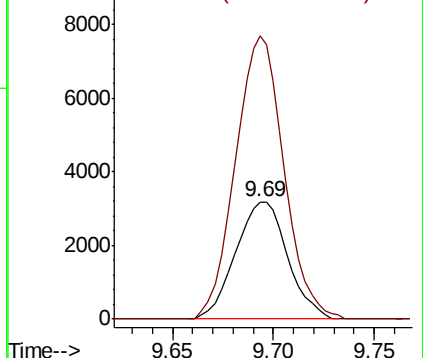
106 100

91 241.0 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.080 ug/L

RT: 10.10 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VU040616.D

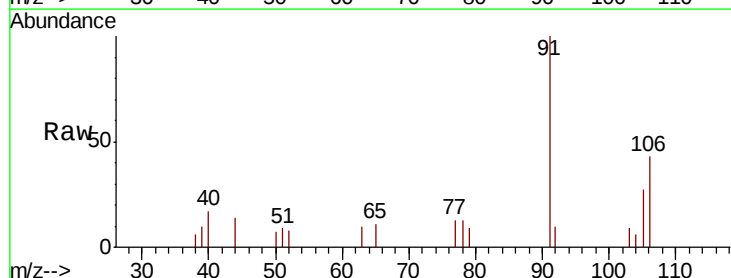
Acq: 10 Oct 2020 04:24

Tgt Ion:106 Resp: 1344

Ion Ratio Lower Upper

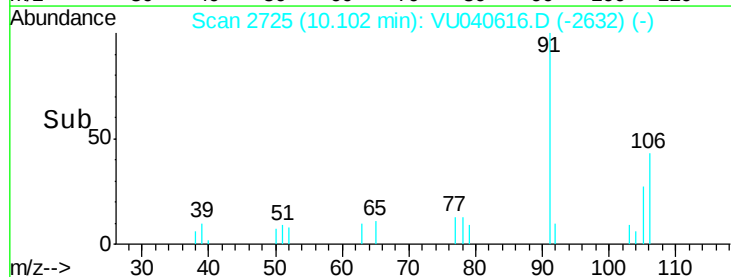
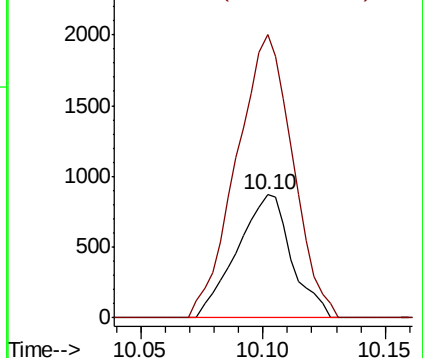
106 100

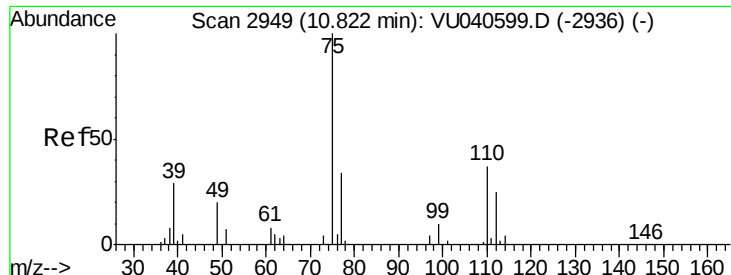
91 230.4 160.2 297.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.863 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040616.D

Acq: 10 Oct 2020 04:24

Instrument :

MSVOA_U

ClientSampleId :

ETZ03

Tot Ion: 75 Resp: 7662

Ion Ratio Lower Upper

75 100

77 38.3 26.4 39.6

