

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101320\
 Data File : VU040683.D
 Acq On : 13 Oct 2020 15:26
 Operator : SY/MD
 Sample : L4354-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ05

Quant Time: Oct 14 06:05:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 14 05:57:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	113438	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118606	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48189	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	37918	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.92	69	35161	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.58	63	61790	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.66	46	166154	55.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.48%
24) Chloroform-d	5.08	84	82939	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.72	65	51915	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.74	84	148669	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.70	67	51748	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.91	98	116614	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	8.19	79	19974	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.64	63	112241	48.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.82%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	48305	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	48881	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

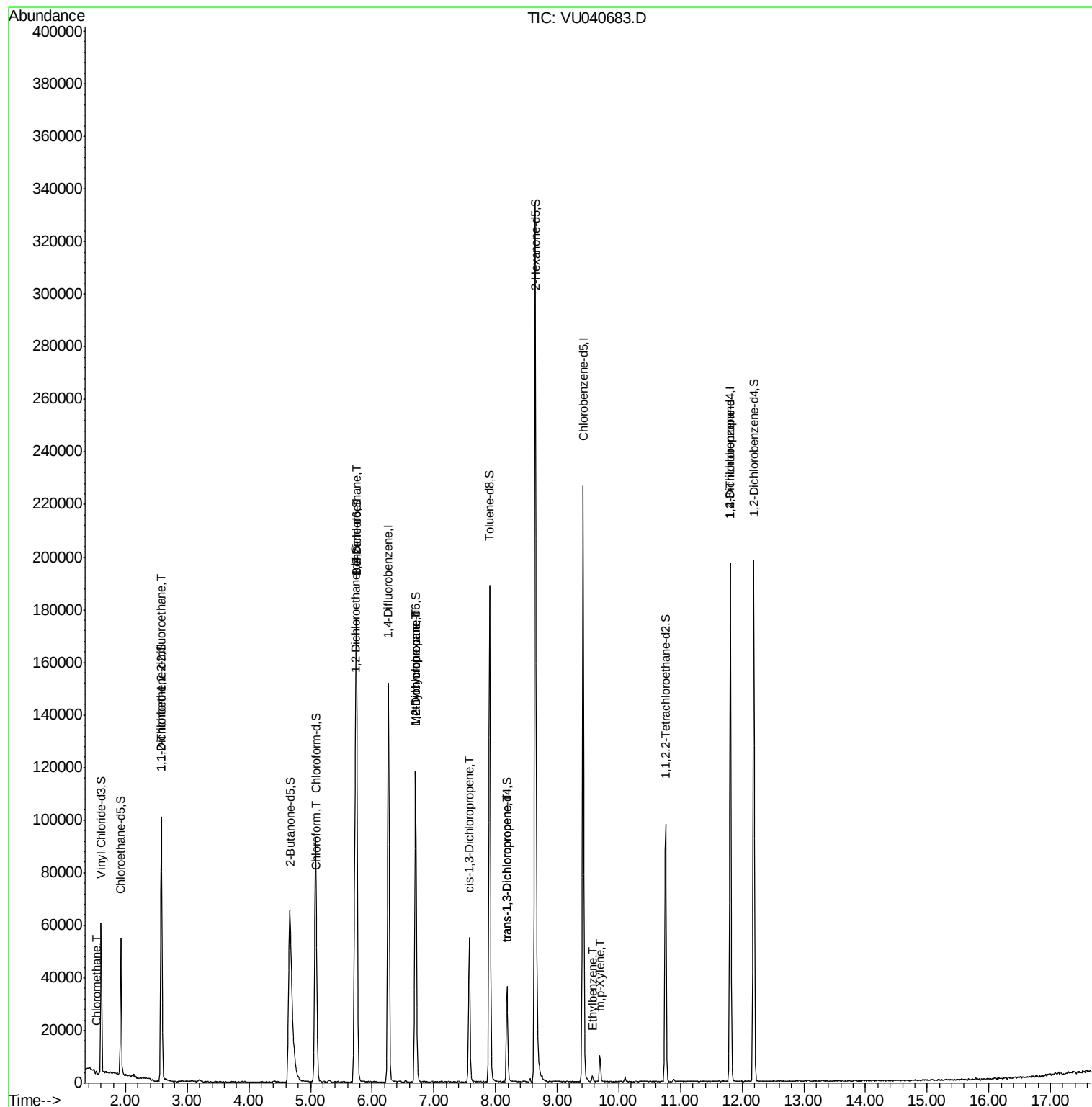
					Ovalue
3) Chloromethane	1.52	50	620	0.065 ug/L #	71
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	465	0.049 ug/L #	20
25) Chloroform	5.11	83	2916	0.163 ug/L	98
27) 1,2-Dichloroethane	5.74	62	863	0.068 ug/L #	77
35) Methylcyclohexane	6.70	83	13097	0.935 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6339	0.597 ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1654	0.114 ug/L #	72
44) trans-1,3-Dichloropropene	8.19	75	1029	0.077 ug/L	84
52) Ethylbenzene	9.57	91	1929	0.046 ug/L #	78
53) m,p-Xylene	9.69	106	2612	0.171 ug/L	86
59) 1,2,3-Trichloropropane	11.81	75	6832	0.876 ug/L #	88

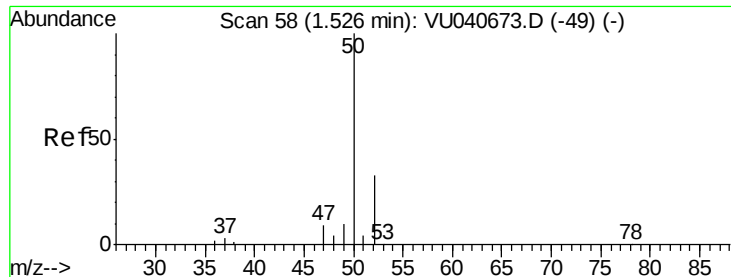
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 14 05:57:05 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.065 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU040683.D

Acq: 13 Oct 2020 15:26

Instrument :

MSVOA_U

ClientSampleId :

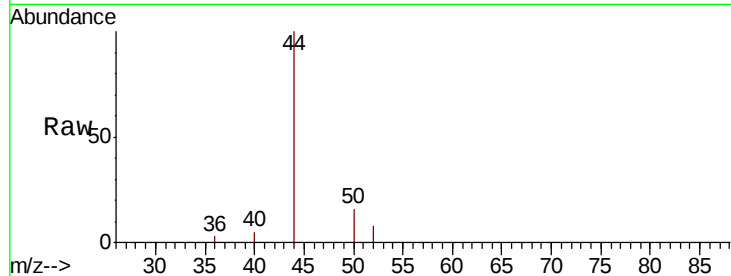
ETZ05

Tot Ion: 50 Resp: 620

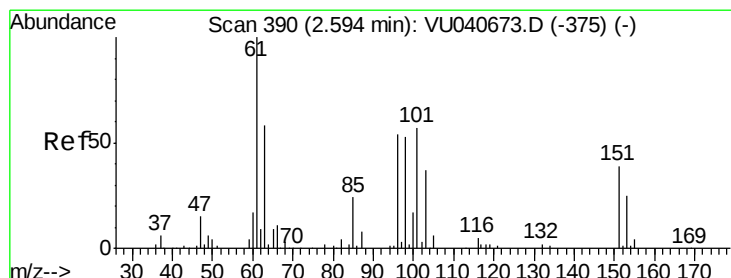
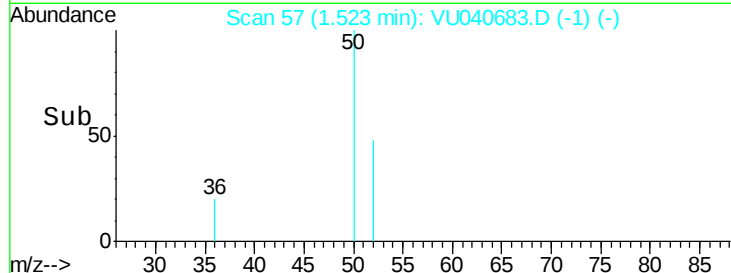
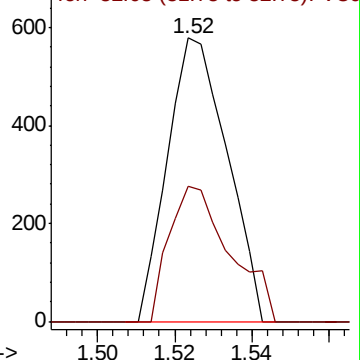
Ion Ratio Lower Upper

50 100

52 47.6 21.9 40.7#



Abundance Ion 50.05 (49.75 to 50.75): VU040683.D (-1) (-)



#10

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

Concen: 0.049 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040683.D

Acq: 13 Oct 2020 15:26

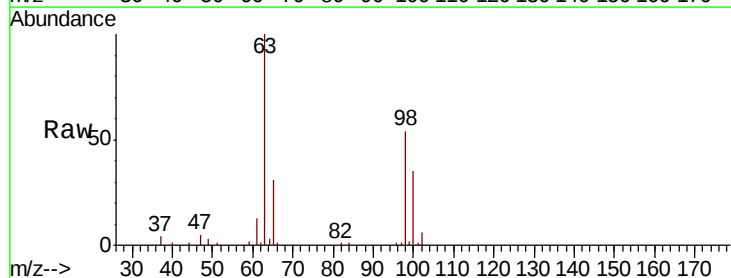
Tgt Ion: 101 Resp: 465

Ion Ratio Lower Upper

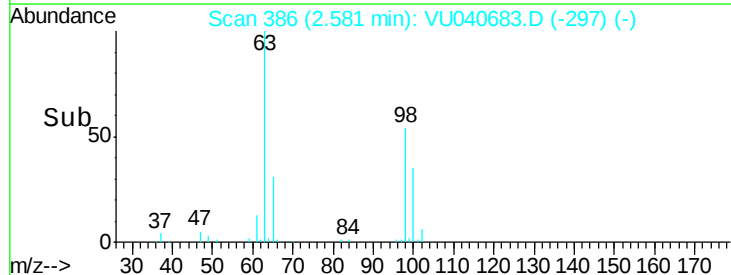
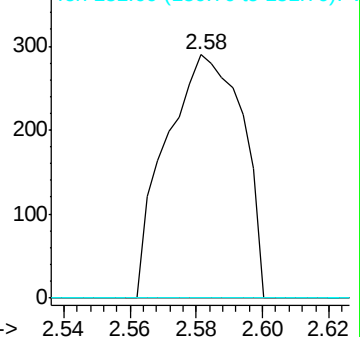
101 100

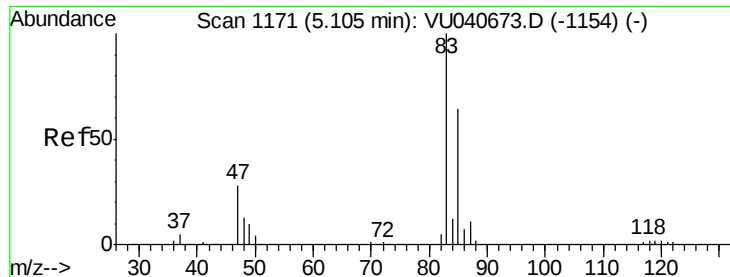
85 0.0 36.7 55.1#

151 0.0 58.0 87.0#



Abundance Ion 101.00 (100.70 to 101.70): VU040683.D (-297) (-)

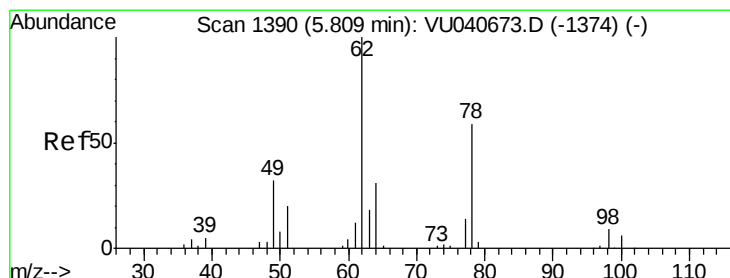
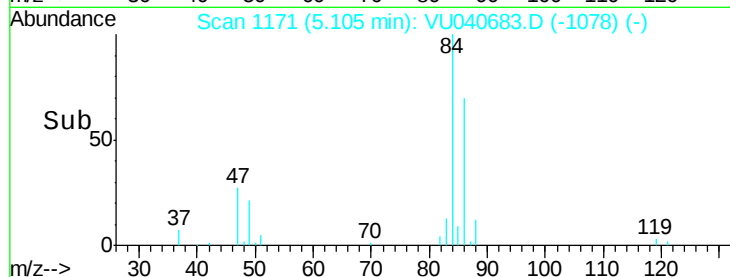
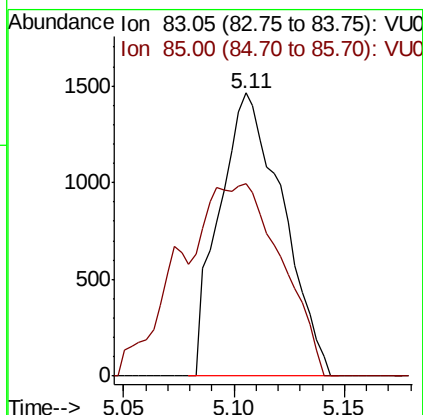
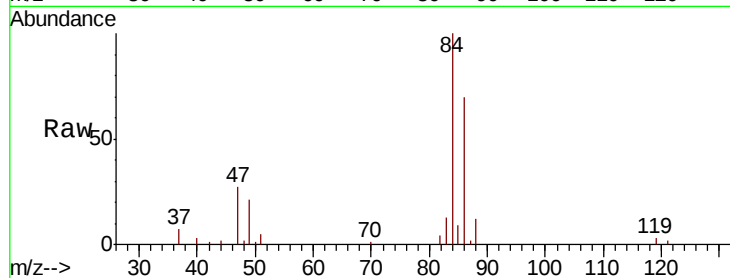




#25
Chloroform
Concen: 0.163 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040683.D
Acq: 13 Oct 2020 15:26

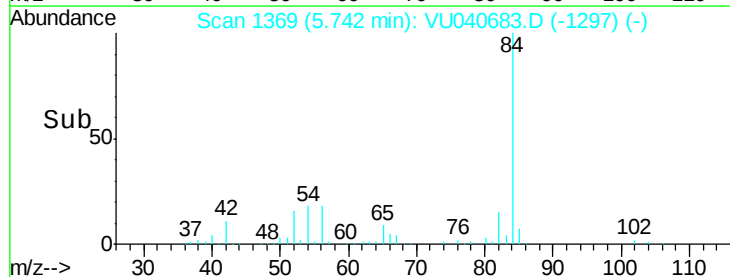
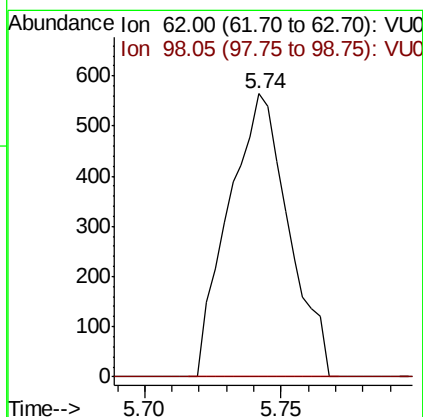
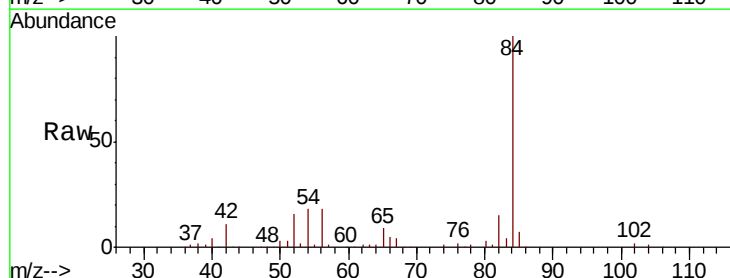
Instrument :
MSVOA_U
ClientSampleId :
ETZ05

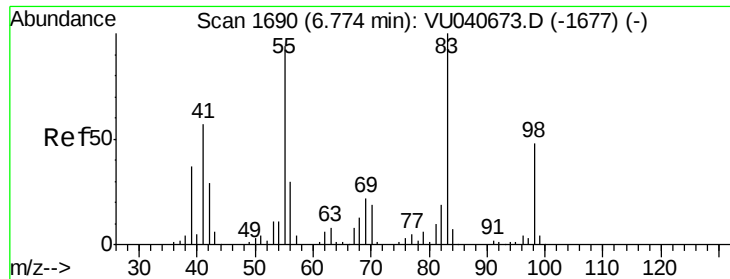
Tot Ion: 83 Resp: 2916
Ion Ratio Lower Upper
83 100
85 68.0 46.5 86.5



#27
1,2-Dichloroethane
Concen: 0.068 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.07 min
Lab File: VU040683.D
Acq: 13 Oct 2020 15:26

Tgt Ion: 62 Resp: 863
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

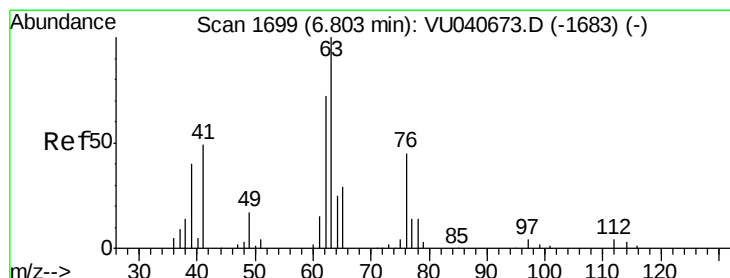
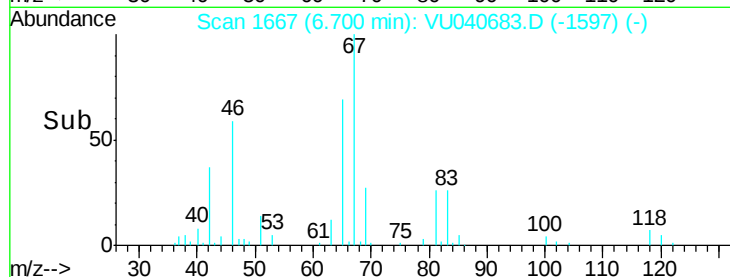
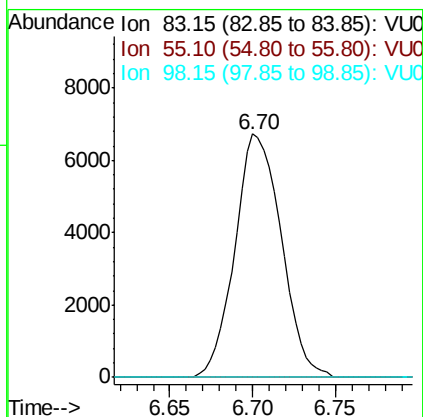
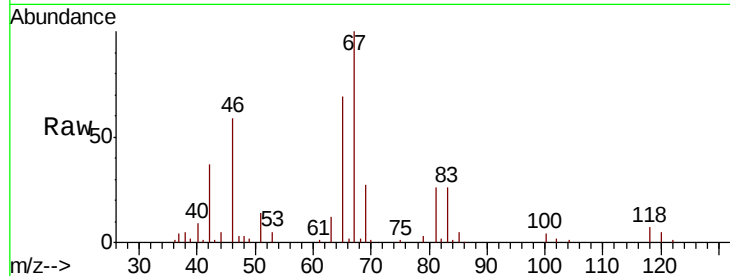




#35
Methvlcvclohexane
Concen: 0.935 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040683.D
Acq: 13 Oct 2020 15:26

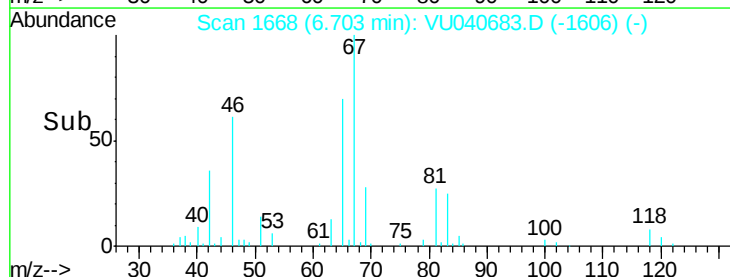
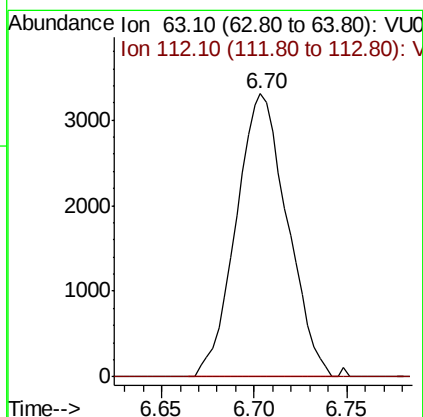
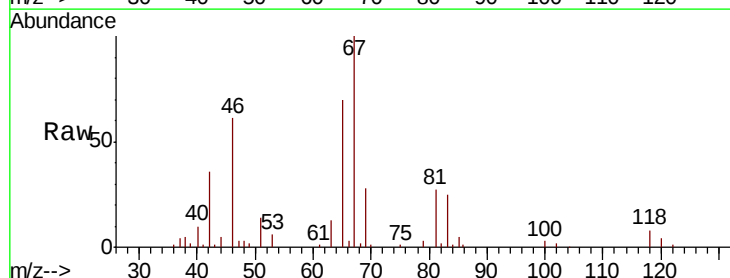
Instrument :
MSVOA_U
ClientSampleId :
ETZ05

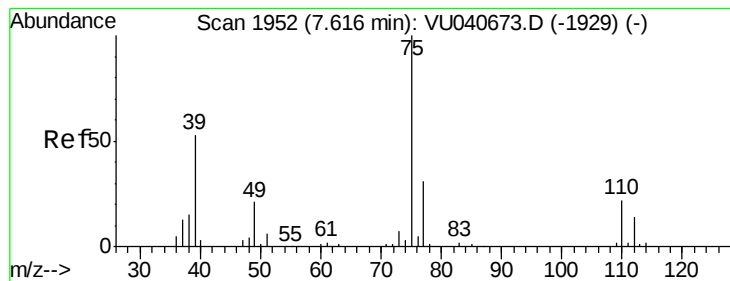
Tot Ion: 83 Resp: 13097
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.3 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.597 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040683.D
Acq: 13 Oct 2020 15:26

Tgt Ion: 63 Resp: 6339
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU040683.D

Acq: 13 Oct 2020 15:26

Instrument :

MSVOA_U

ClientSampleId :

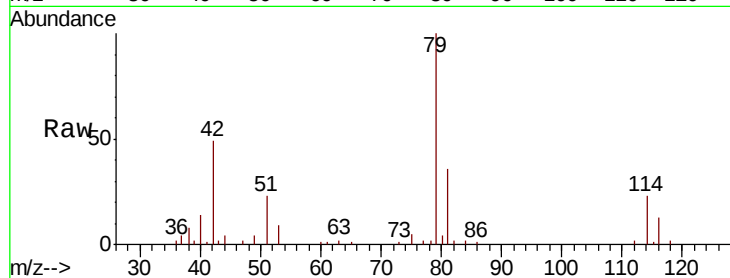
ETZ05

Tot Ion: 75 Resp: 1654

Ion Ratio Lower Upper

75 100

77 44.5 20.5 38.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.57

800

600

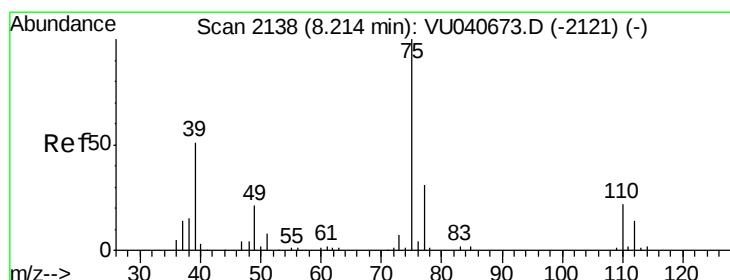
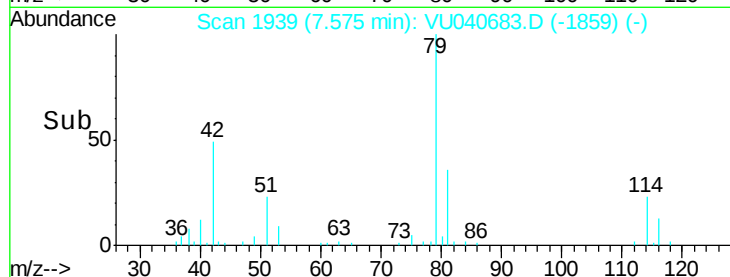
400

200

0

7.55 7.60

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040683.D

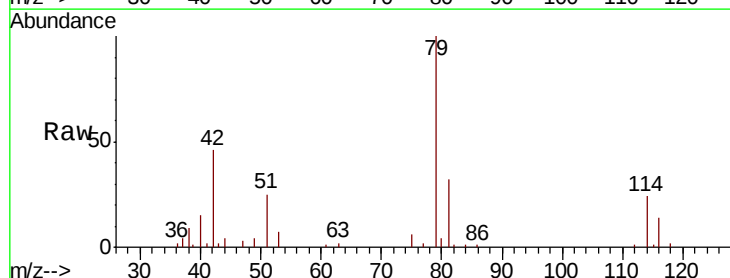
Acq: 13 Oct 2020 15:26

Tgt Ion: 75 Resp: 1029

Ion Ratio Lower Upper

75 100

77 37.8 20.4 38.0



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

600

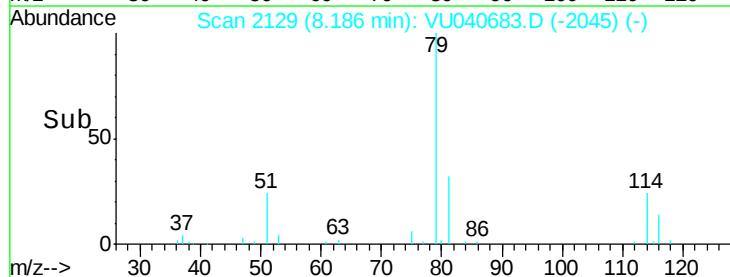
400

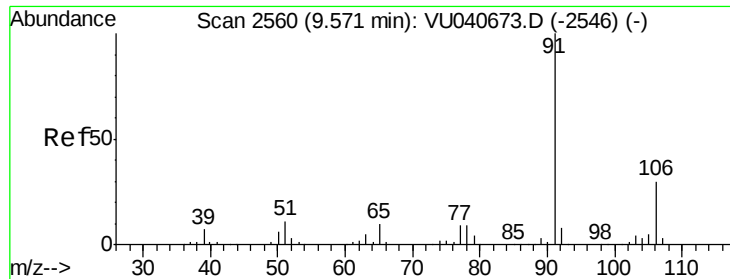
200

0

8.15 8.20

Time-->





#52

Ethylbenzene

Concen: 0.046 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU040683.D

Acq: 13 Oct 2020 15:26

Instrument :

MSVOA_U

ClientSampleId :

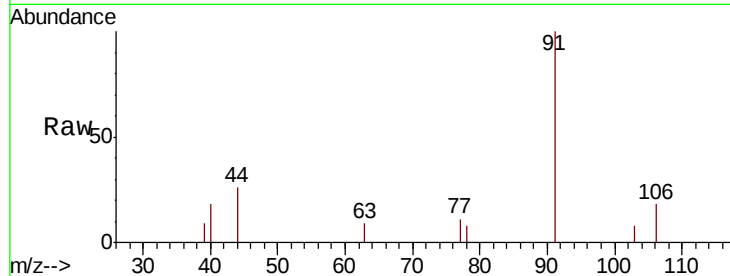
ETZ05

Tot Ion: 91 Resp: 1929

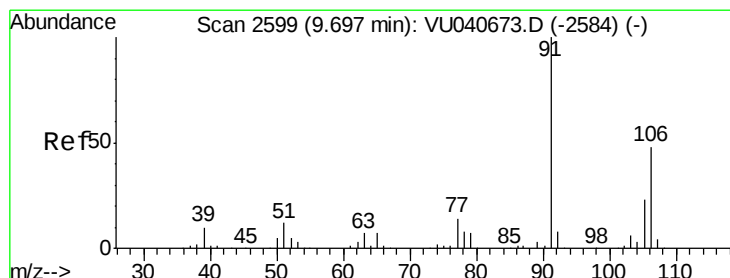
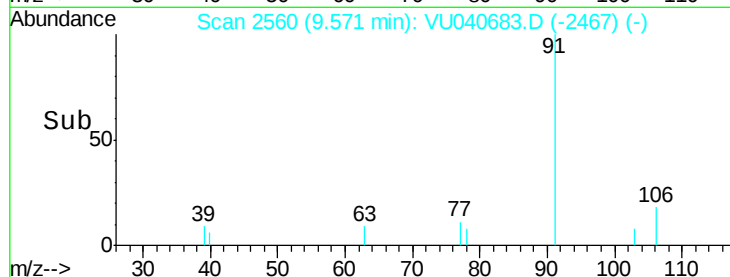
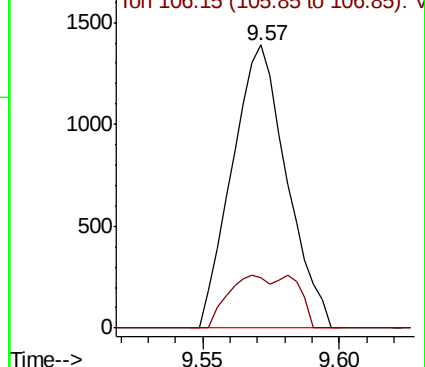
Ion Ratio Lower Upper

91 100

106 17.9 20.7 38.5#



Abundance Ion 91.15 (90.85 to 91.85): VU040673.D (-2546) (-)



#53

m,p-Xylene

Concen: 0.171 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU040683.D

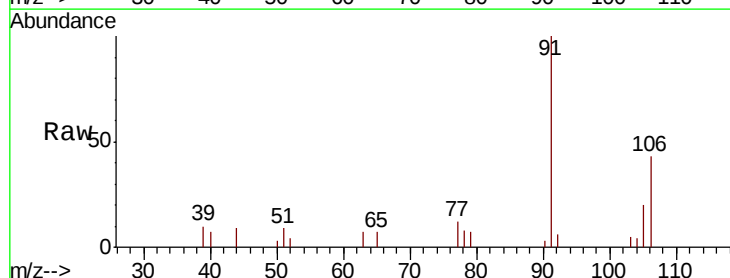
Acq: 13 Oct 2020 15:26

Tgt Ion: 106 Resp: 2612

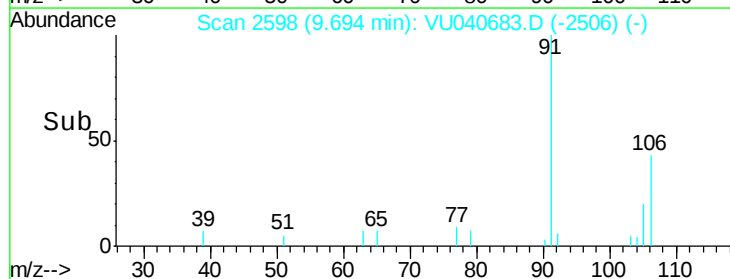
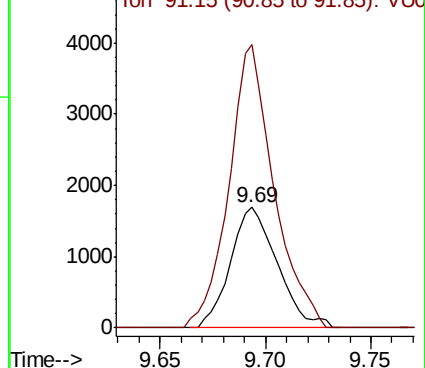
Ion Ratio Lower Upper

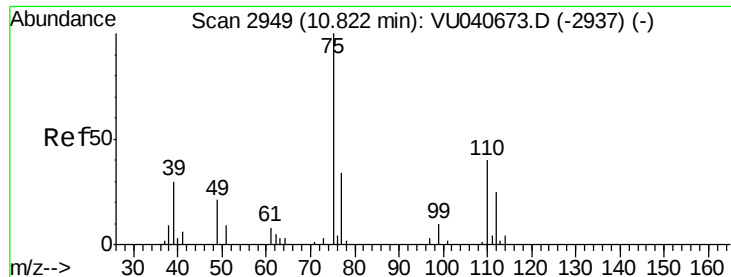
106 100

91 234.6 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): VU040673.D (-2584) (-)





#59

1,2,3-Trichloropropane

Concen: 0.876 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040683.D

Acq: 13 Oct 2020 15:26

Instrument :

MSVOA_U

ClientSampleId :

ETZ05

Tot Ion: 75 Resp: 6832

Ion Ratio Lower Upper

75 100

77 40.1 26.4 39.6#

