

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040620.D
 Acq On : 10 Oct 2020 05:57
 Operator : SY/MD
 Sample : L4352-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ12

Quant Time: Oct 10 07:41:27 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	126988	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125239	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48259	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	46925	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.92	69	39918	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.58	63	70751	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.66	46	186752	55.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.92%
24) Chloroform-d	5.08	84	93940	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.72	65	59042	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.75	84	171482	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.71	67	58184	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.91	98	136072	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.19	79	22139	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.64	63	129099	52.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51377	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	50057	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

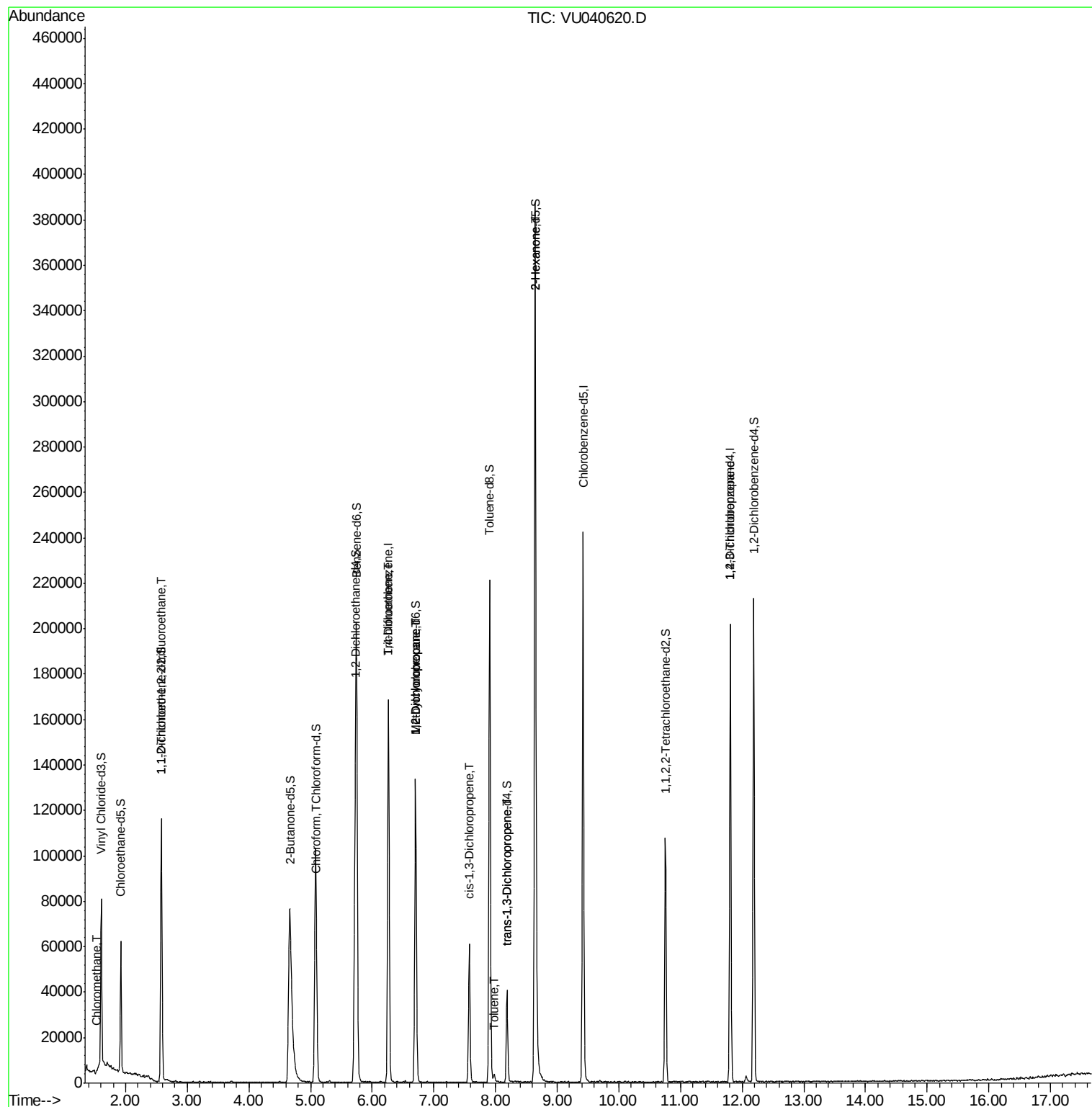
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	555	0.052	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	620	0.059	ug/L #	20
25) Chloroform	5.11	83	2217	0.111	ug/L	90
34) Trichloroethene	6.27	95	2009	0.193	ug/L #	5
35) Methylcyclohexane	6.70	83	14091	0.953	ug/L #	14
37) 1,2-Dichloropropane	6.71	63	6299	0.562	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1735	0.113	ug/L #	58
42) Toluene	7.98	91	2347	0.057	ug/L	97
44) trans-1,3-Dichloropropene	8.19	75	983	0.070	ug/L	88
48) 2-Hexanone	8.64	43	17259	2.594	ug/L #	74
59) 1,2,3-Trichloropropane	11.81	75	7231	0.878	ug/L	98

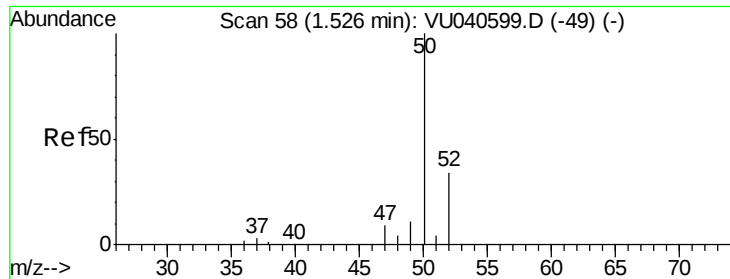
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.052 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040620.D

Acq: 10 Oct 2020 05:57

Instrument :

MSVOA_U

ClientSampleId :

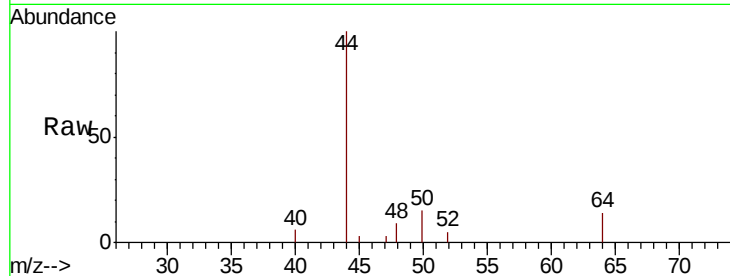
ETZ12

Tot Ion: 50 Resp: 555

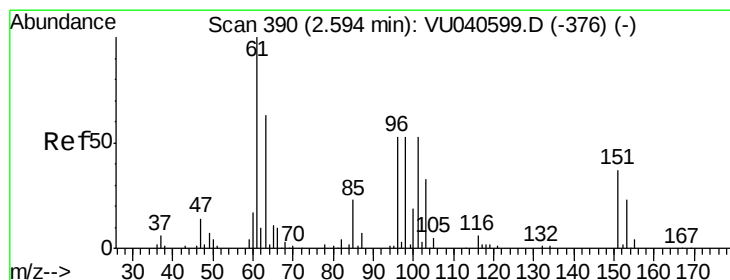
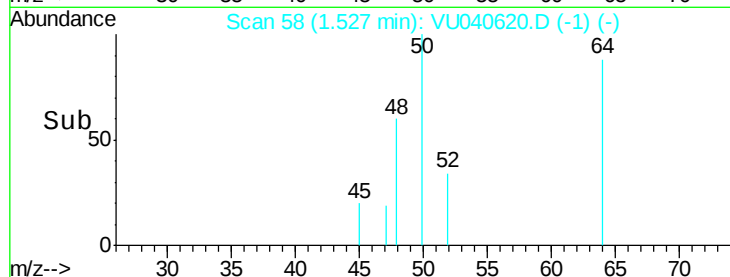
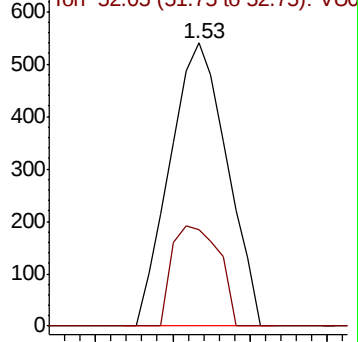
Ion Ratio Lower Upper

50 100

52 34.1 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU040620.D (-1) (-)



#10

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

Concen: 0.059 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU040620.D

Acq: 10 Oct 2020 05:57

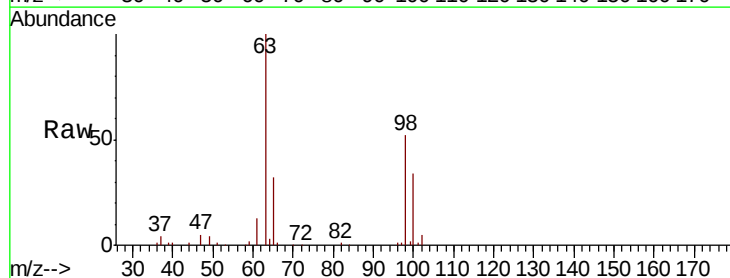
Tgt Ion: 101 Resp: 620

Ion Ratio Lower Upper

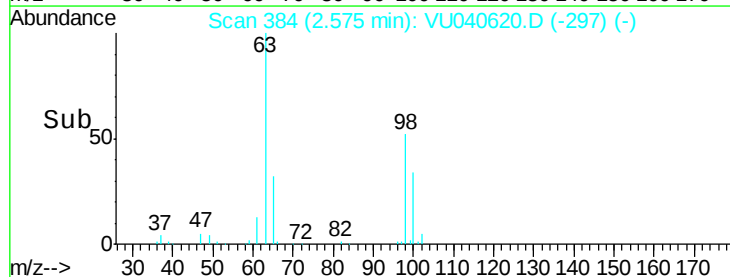
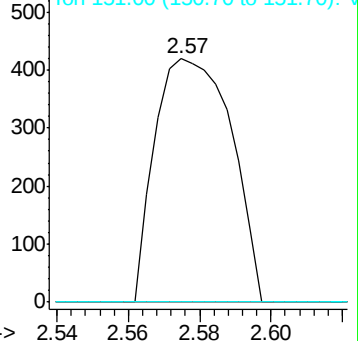
101 100

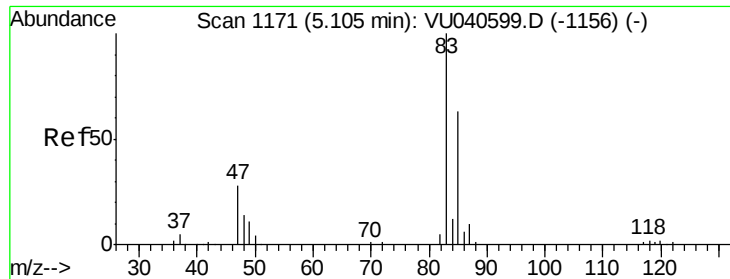
85 0.0 36.7 55.1#

151 0.0 58.0 87.0#



Abundance Ion 101.00 (100.70 to 101.70): VU040620.D (-297) (-)

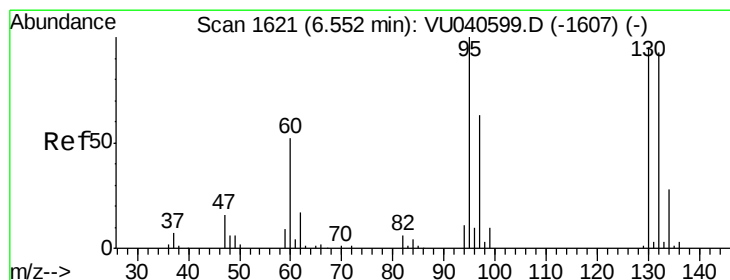
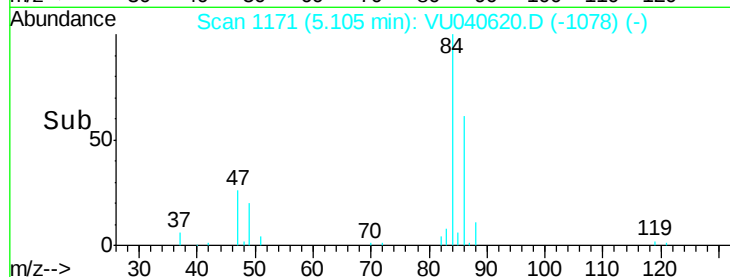
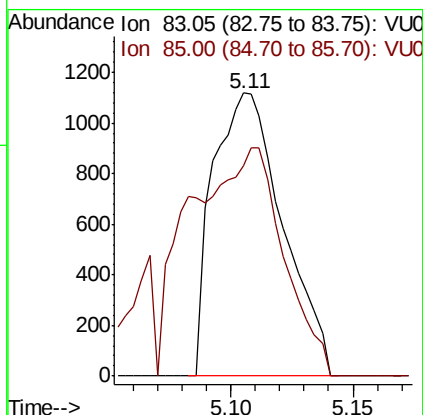
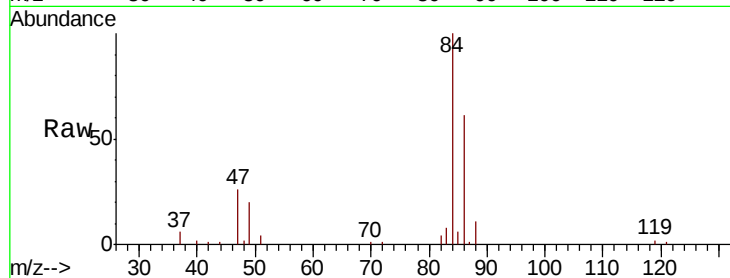




#25
Chloroform
Concen: 0.111 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040620.D
Acq: 10 Oct 2020 05:57

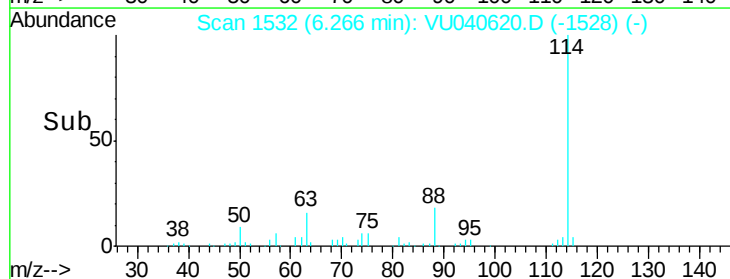
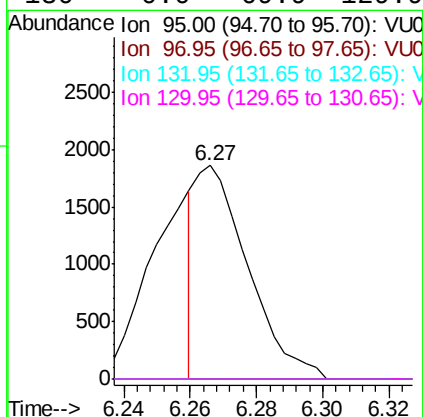
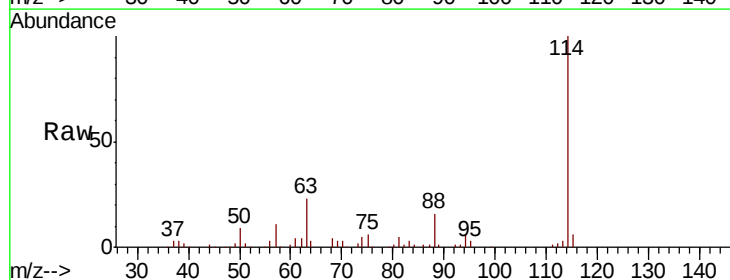
Instrument :
MSVOA_U
ClientSampled :
ETZ12

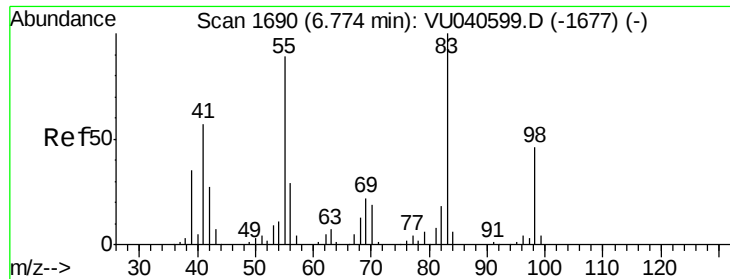
Tot Ion: 83 Resp: 2217
Ion Ratio Lower Upper
83 100
85 74.2 46.5 86.5



#34
Trichloroethene
Concen: 0.193 ug/L
RT: 6.27 min Scan# 1532
Delta R.T. -0.29 min
Lab File: VU040620.D
Acq: 10 Oct 2020 05:57

Tgt Ion: 95 Resp: 2009
Ion Ratio Lower Upper
95 100
97 0.0 45.5 84.5#
132 0.0 67.5 125.4#
130 0.0 69.9 129.9#

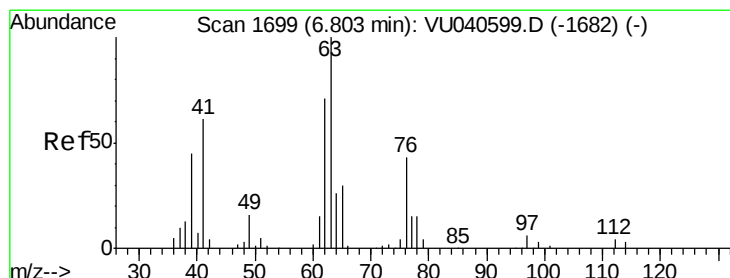
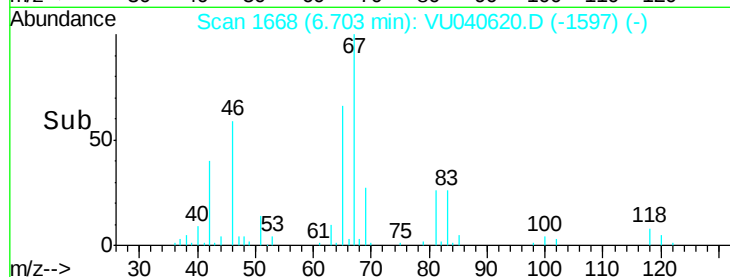
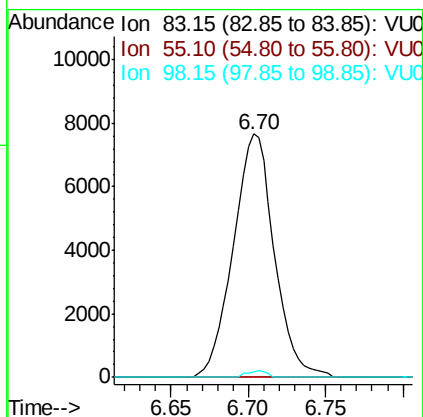
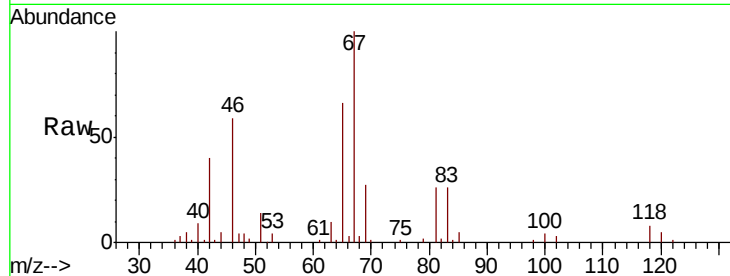




#35
Methvlcvclohexane
Concen: 0.953 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040620.D
Acq: 10 Oct 2020 05:57

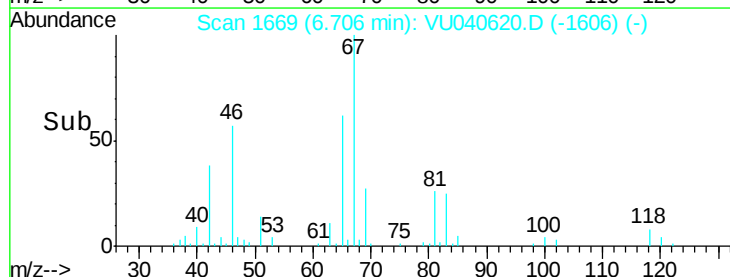
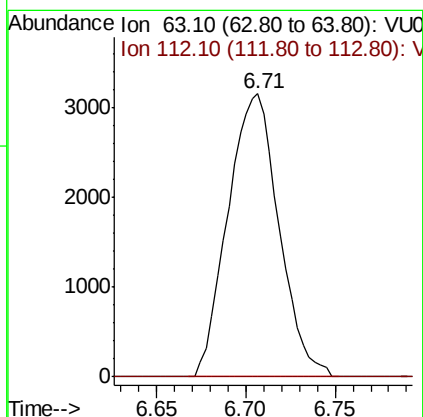
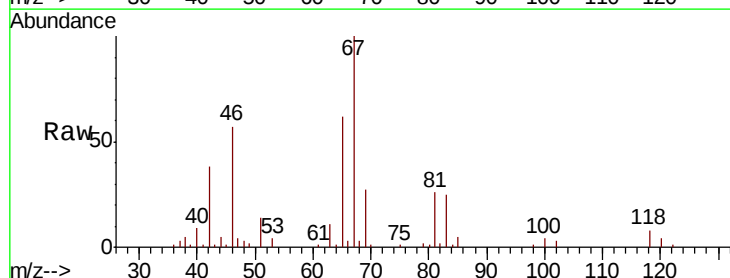
Instrument :
MSVOA_U
ClientSampleId :
ETZ12

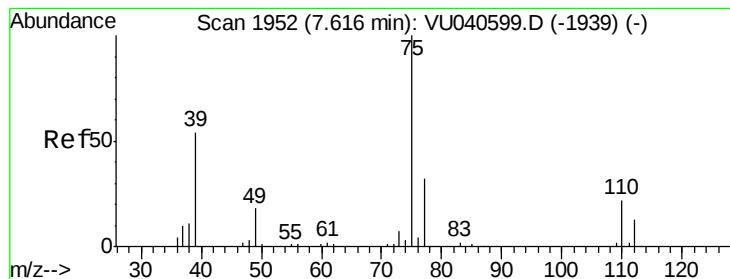
Tot Ion: 83 Resp: 14091
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 1.3 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.562 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU040620.D
Acq: 10 Oct 2020 05:57

Tgt Ion: 63 Resp: 6299
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



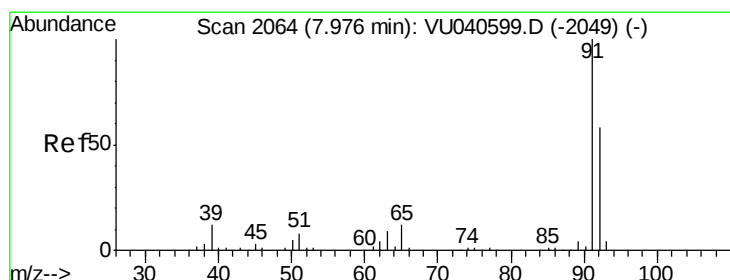
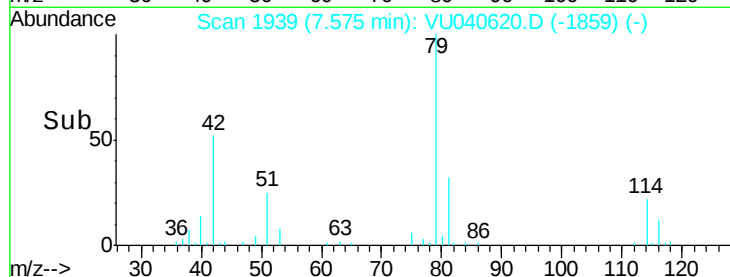
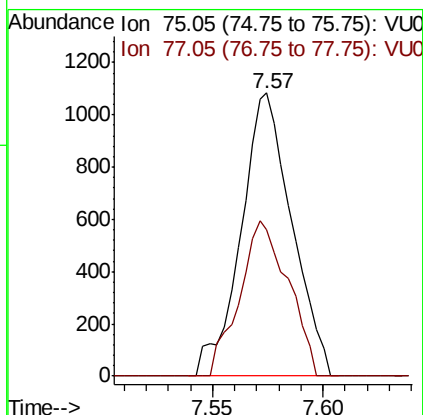
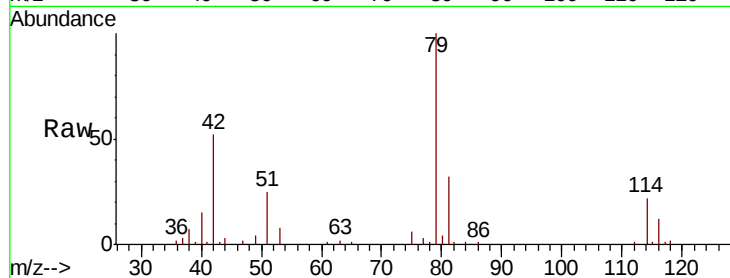


#39

cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040620.D
 Acq: 10 Oct 2020 05:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ12

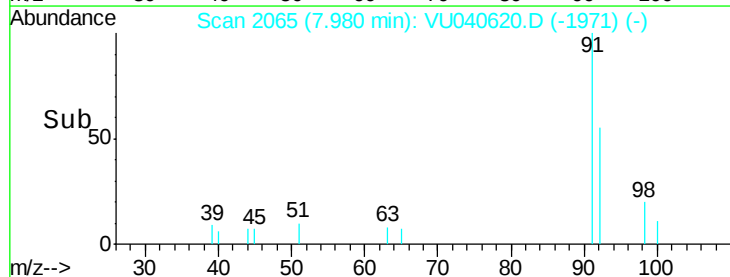
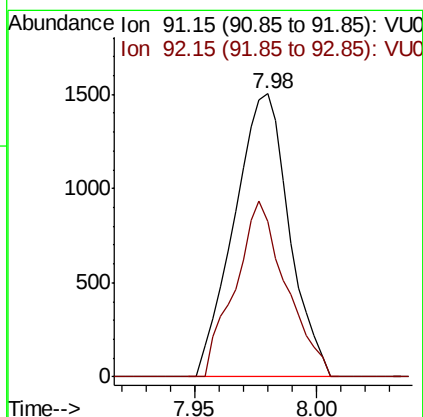
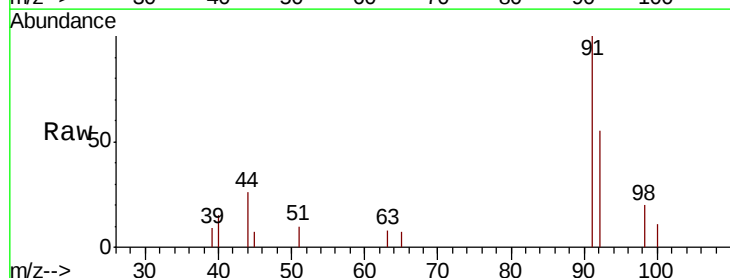
Tot Ion: 75 Resp: 1735
 Ion Ratio Lower Upper
 75 100
 77 52.0 20.5 38.1#

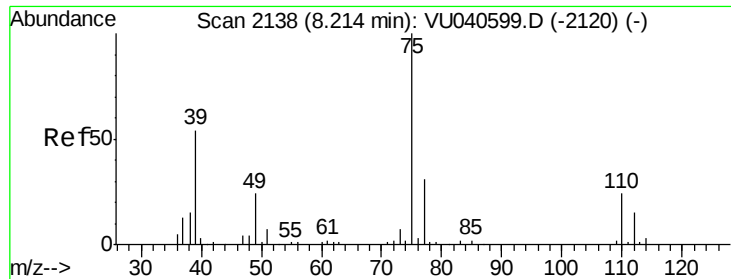


#42

Toluene
 Concen: 0.057 ug/L
 RT: 7.98 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VU040620.D
 Acq: 10 Oct 2020 05:57

Tgt Ion: 91 Resp: 2347
 Ion Ratio Lower Upper
 91 100
 92 54.8 40.2 74.6





#44

trans-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040620.D

Acq: 10 Oct 2020 05:57

Instrument :

MSVOA_U

ClientSampleId :

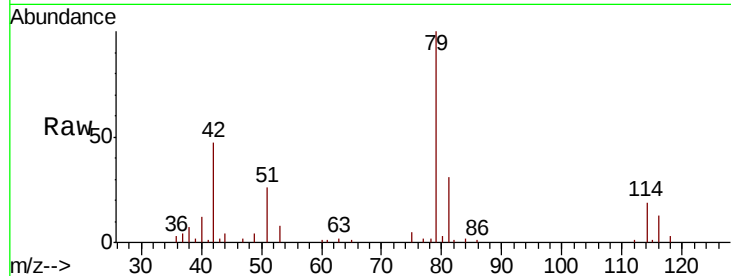
ETZ12

Tot Ion: 75 Resp: 983

Ion Ratio Lower Upper

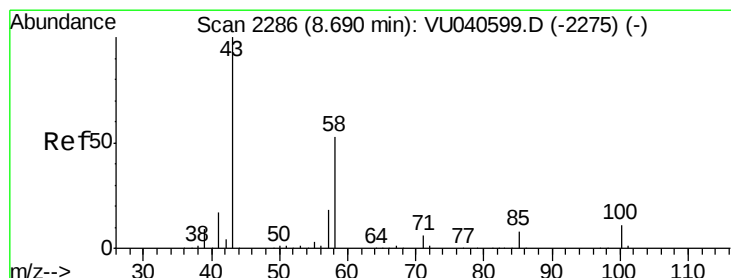
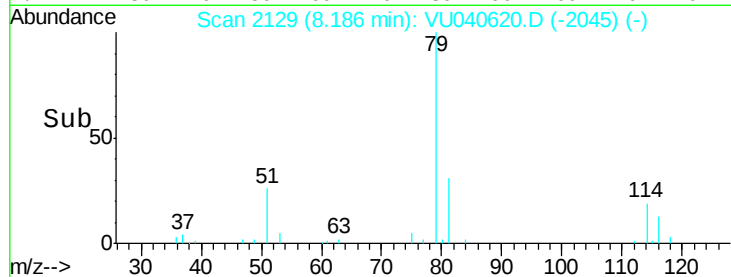
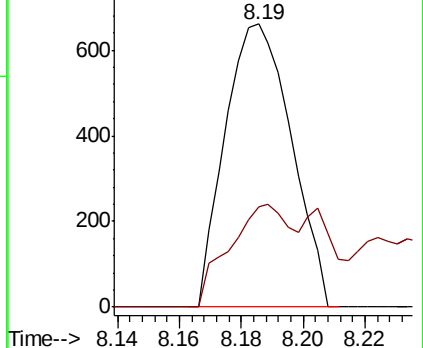
75 100

77 35.6 20.4 38.0



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 2.594 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040620.D

Acq: 10 Oct 2020 05:57

Tgt Ion: 43 Resp: 17259

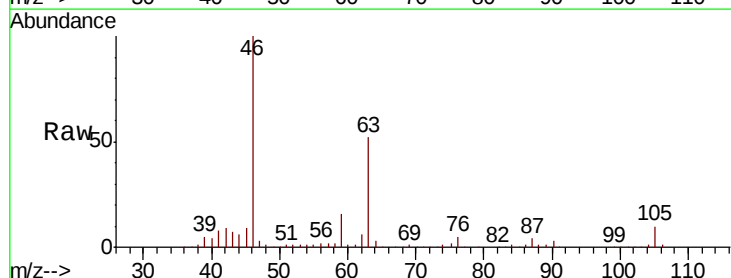
Ion Ratio Lower Upper

43 100

58 34.6 41.0 61.6#

57 32.9 14.4 21.6#

100 0.8 8.6 13.0#

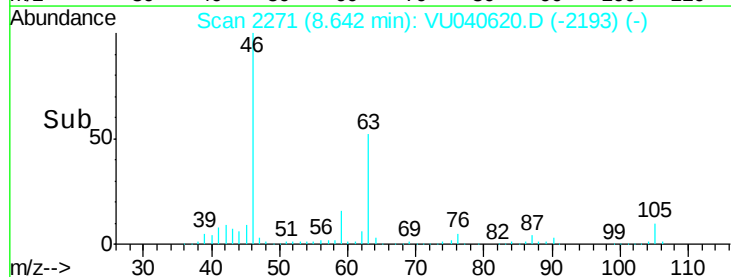
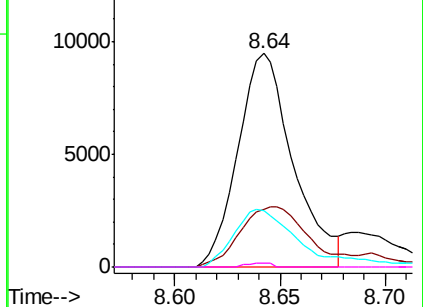


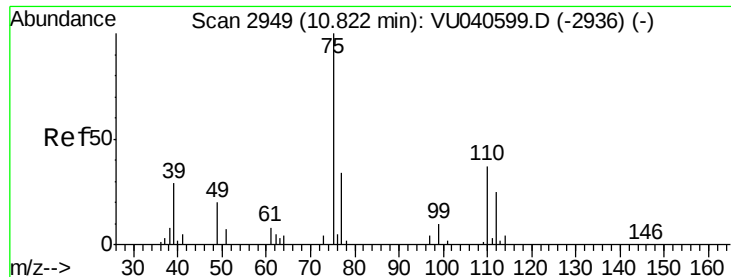
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.878 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040620.D

Acq: 10 Oct 2020 05:57

Instrument :

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ClientSampleId :

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Tot Ion: 75 Resp: 7231

Ion Ratio Lower Upper

75 100

77 34.3 26.4 39.6

