

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101920\
 Data File : VU040805.D
 Acq On : 19 Oct 2020 15:18
 Operator : SY/MD
 Sample : L4354-08DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ18DL

Quant Time: Oct 20 01:38:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 01:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120625	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125517	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52106	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32906	3.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.80%
7) Chloroethane-d5	1.92	69	34365	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.58	63	53922	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	4.66	46	177721	55.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.12%
24) Chloroform-d	5.08	84	84845	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.72	65	51908	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.75	84	142391	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.70	67	52114	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.91	98	105732	3.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.80%#
43) trans-1,3-Dichloropropene-	8.19	79	18503	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	8.64	63	116749	47.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48704	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	46781	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

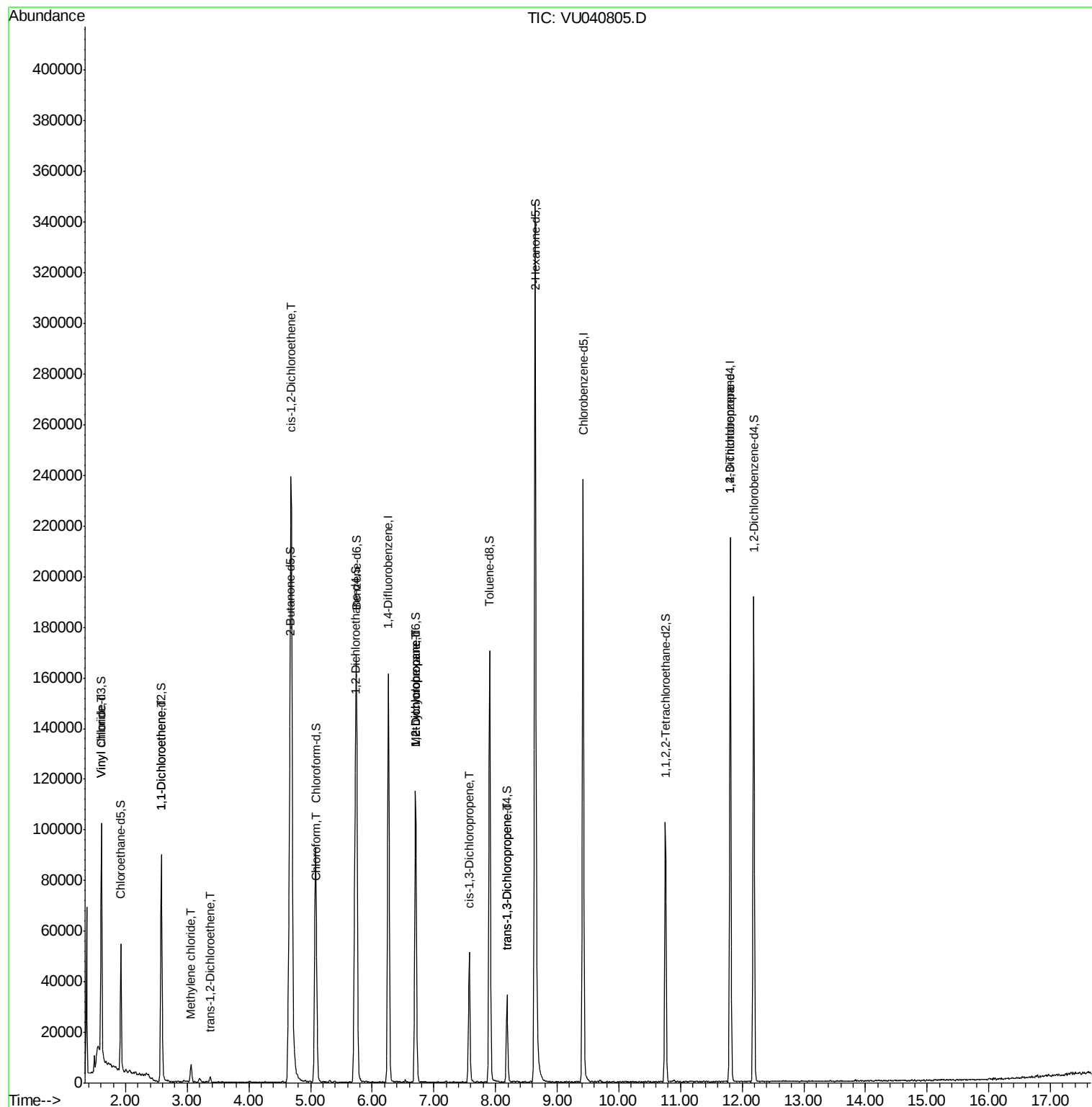
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	28716	2.668	ug/L #	67
12) 1,1-Dichloroethene	2.58	96	740	0.086	ug/L #	1
16) Methylene chloride	3.06	84	2940	0.266	ug/L	92
18) trans-1,2-Dichloroethene	3.38	96	665	0.074	ug/L #	84
22) cis-1,2-Dichloroethene	4.69	96	95934	9.874	ug/L	98
25) Chloroform	5.11	83	1932	0.102	ug/L	96
35) Methylcyclohexane	6.70	83	11980	0.808	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5922	0.527	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1314	0.086	ug/L #	71
44) trans-1,3-Dichloropropene	8.19	75	864	0.061	ug/L #	75
59) 1,2,3-Trichloropropane	11.81	75	6857	0.831	ug/L	91

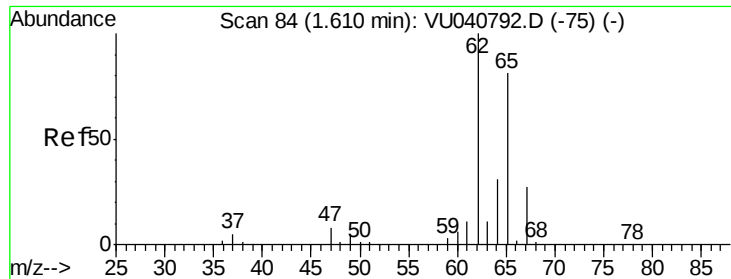
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.668 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040805.D

Acq: 19 Oct 2020 15:18

Instrument :

MSVOA_U

ClientSampleId :

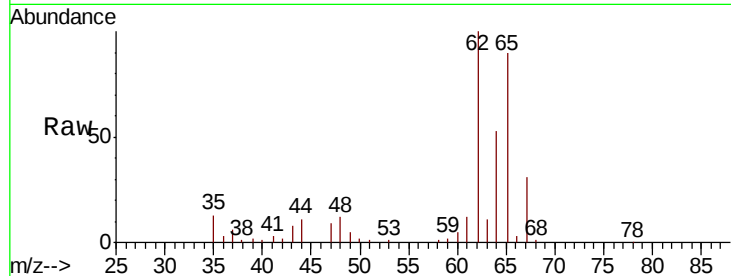
ETZ18DL

Tot Ion: 62 Resp: 28716

Ion Ratio Lower Upper

62 100

64 53.0 23.7 44.1#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.61

25000

20000

15000

10000

5000

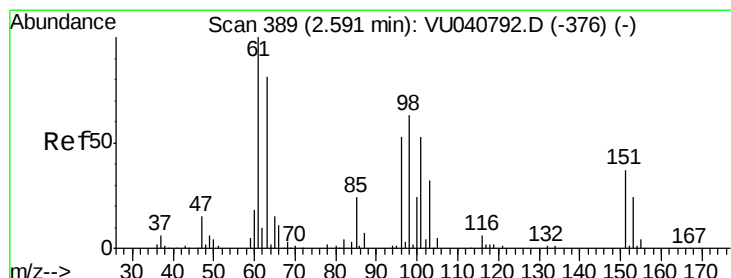
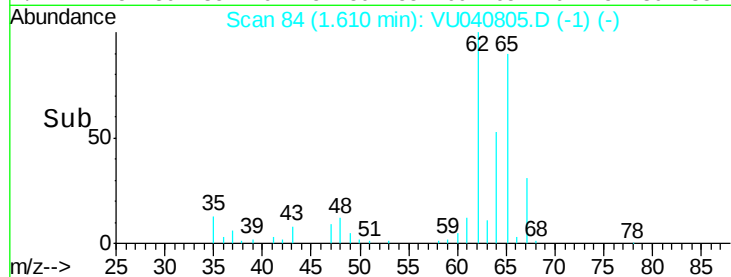
0

Time-->

1.55

1.60

1.65



#12

1,1-Dichloroethene

Concen: 0.086 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040805.D

Acq: 19 Oct 2020 15:18

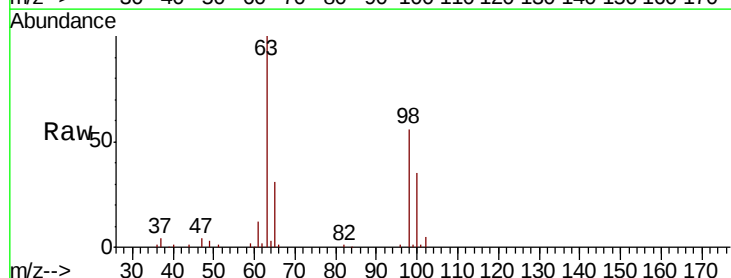
Tgt Ion: 96 Resp: 740

Ion Ratio Lower Upper

96 100

61 1098.9 128.8 239.2#

63 9063.8 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

40000

30000

20000

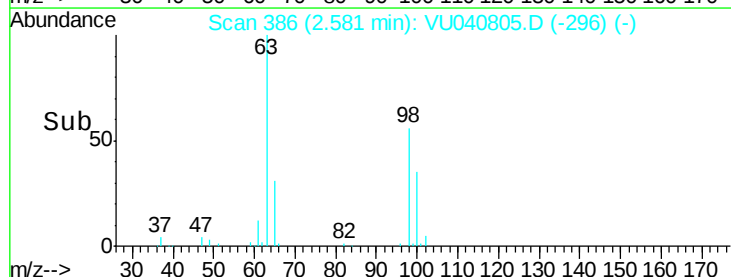
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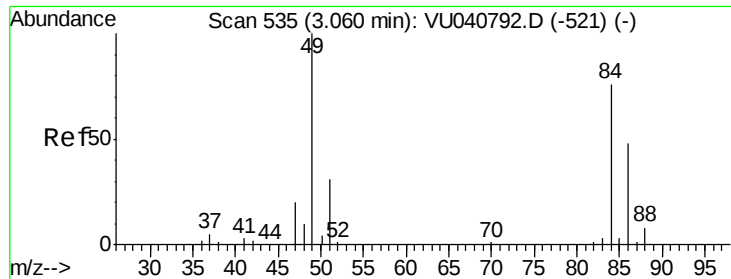
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Time-->

2.55

2.60

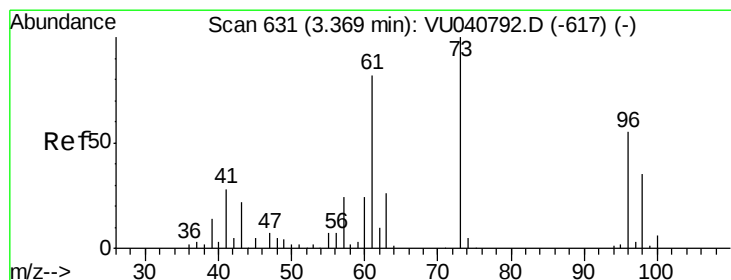
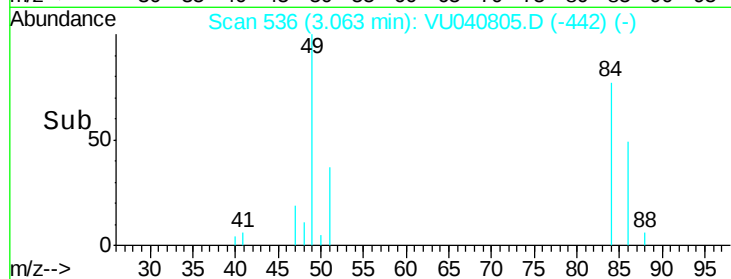
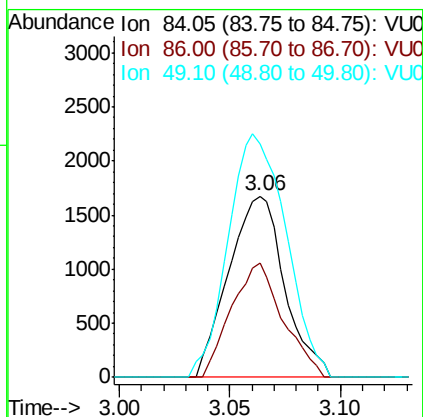
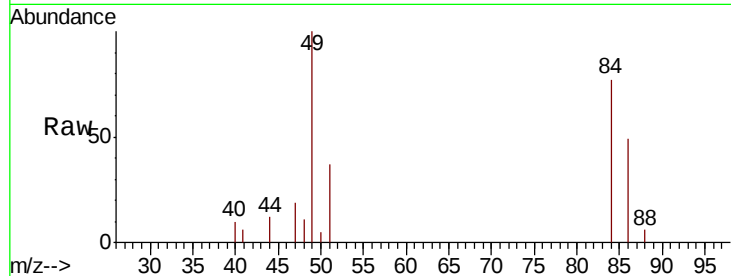




#16
Methylene chloride
Concen: 0.266 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU040805.D
Acq: 19 Oct 2020 15:18

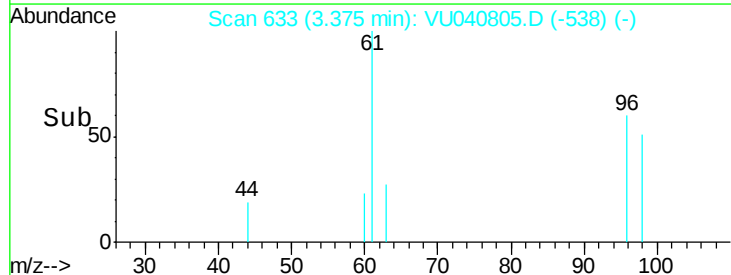
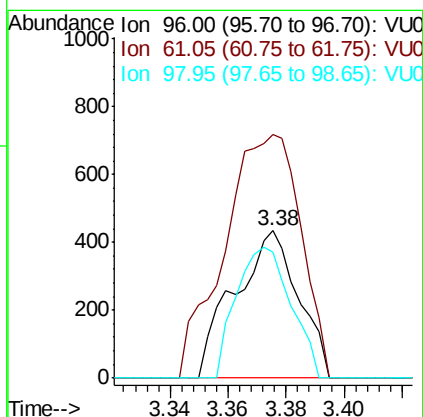
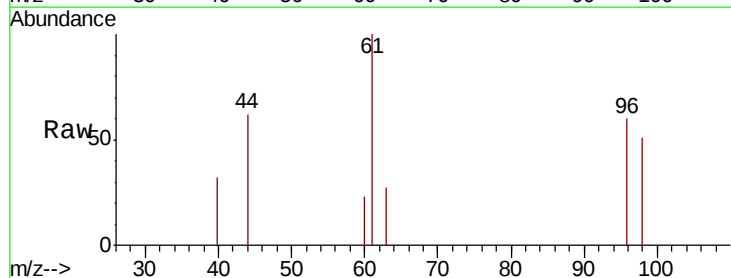
Instrument :
MSVOA_U
ClientSampled :
ETZ18DL

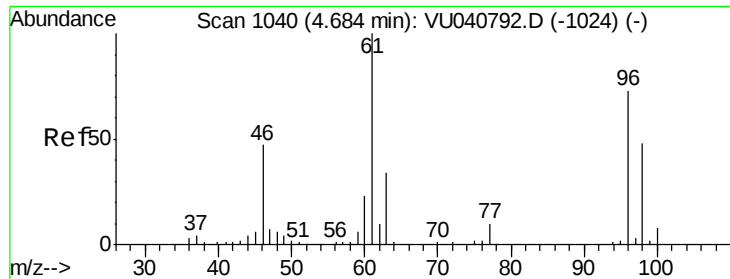
Tot Ion: 84 Resp: 2940
Ion Ratio Lower Upper
84 100
86 63.2 45.4 84.4
49 129.4 99.8 185.3



#18
trans-1,2-Dichloroethene
Concen: 0.074 ug/L
RT: 3.38 min Scan# 633
Delta R.T. 0.01 min
Lab File: VU040805.D
Acq: 19 Oct 2020 15:18

Tgt Ion: 96 Resp: 665
Ion Ratio Lower Upper
96 100
61 165.4 105.9 196.7
98 85.0 43.8 81.3#

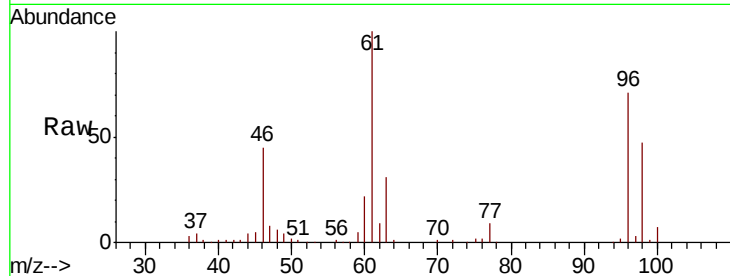




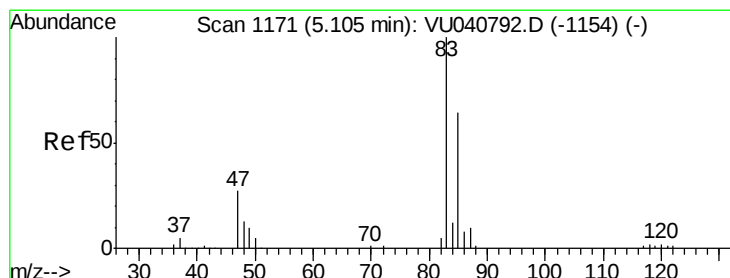
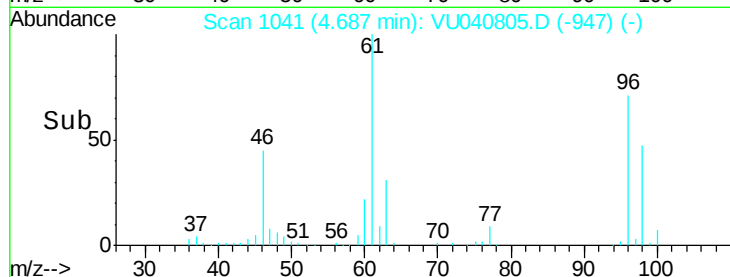
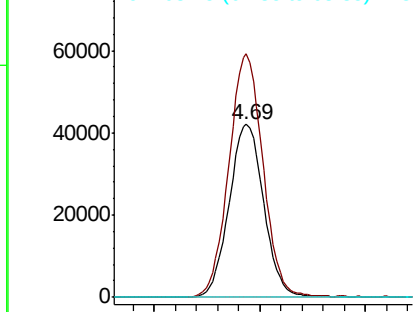
#22
 cis-1,2-Dichloroethene
 Concen: 9.874 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU040805.D
 Acq: 19 Oct 2020 15:18

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ18DL

Tot Ion: 96 Resp: 95934
 Ion Ratio Lower Upper
 96 100
 61 140.7 99.8 185.4
 68 0.0 0.0 0.0

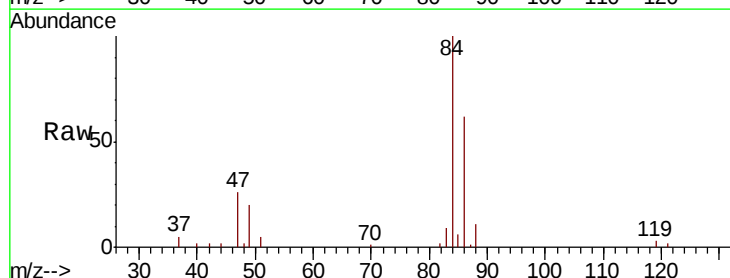


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

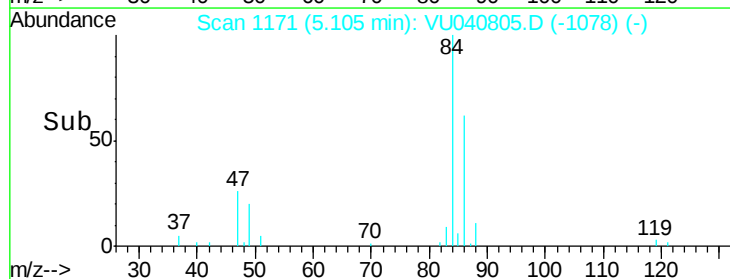
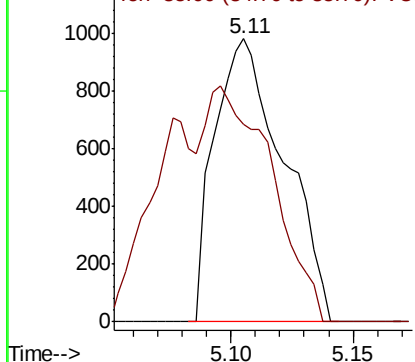


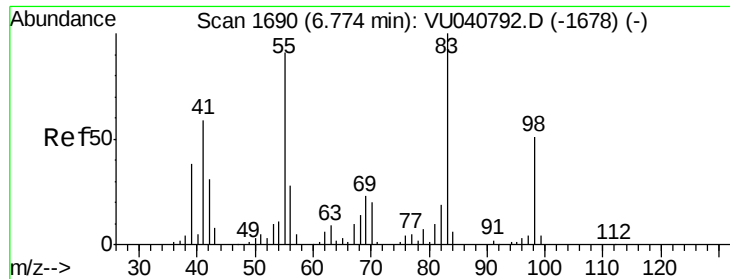
#25
 Chloroform
 Concen: 0.102 ug/L
 RT: 5.11 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: VU040805.D
 Acq: 19 Oct 2020 15:18

Tgt Ion: 83 Resp: 1932
 Ion Ratio Lower Upper
 83 100
 85 69.8 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0

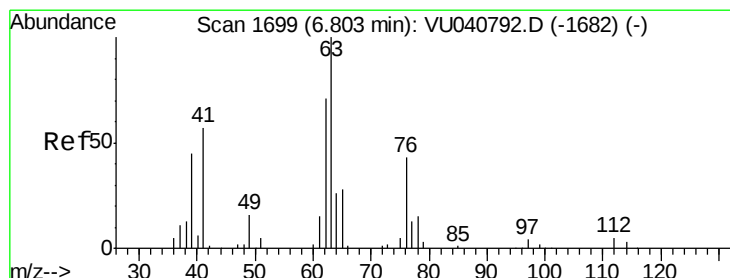
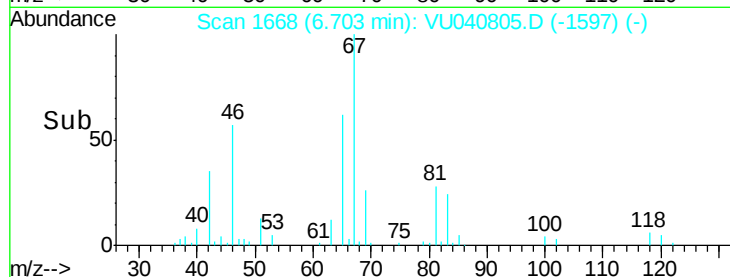
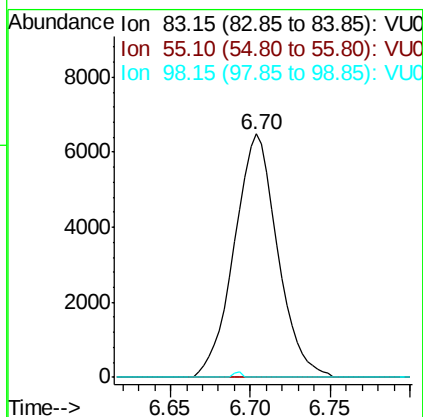
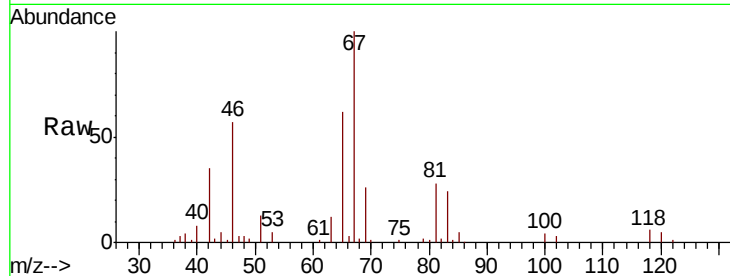




#35
Methvlcvclohexane
Concen: 0.808 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040805.D
Acq: 19 Oct 2020 15:18

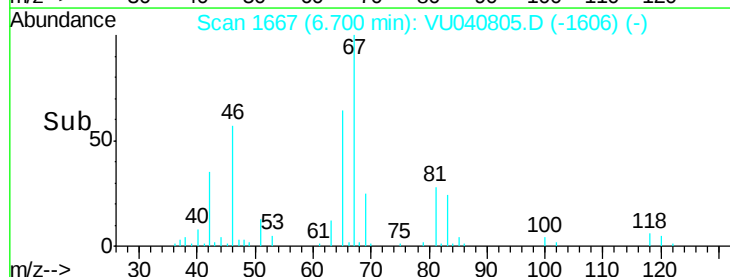
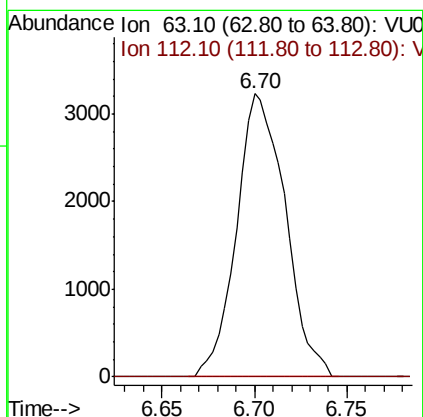
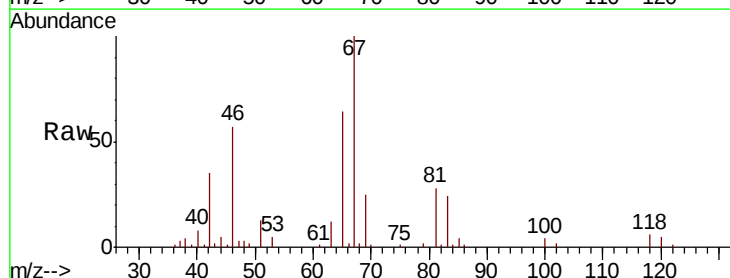
Instrument :
MSVOA_U
ClientSampleId :
ETZ18DL

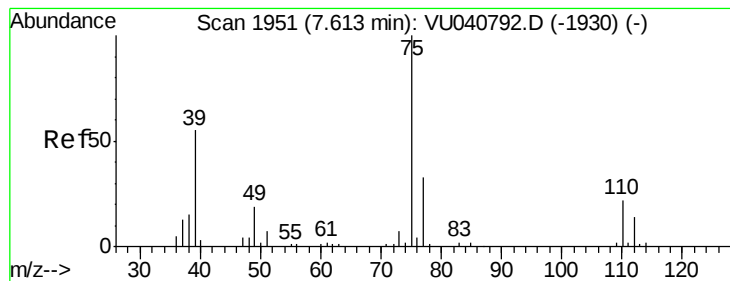
Tot Ion: 83 Resp: 11980
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.4 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.527 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040805.D
Acq: 19 Oct 2020 15:18

Tgt Ion: 63 Resp: 5922
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



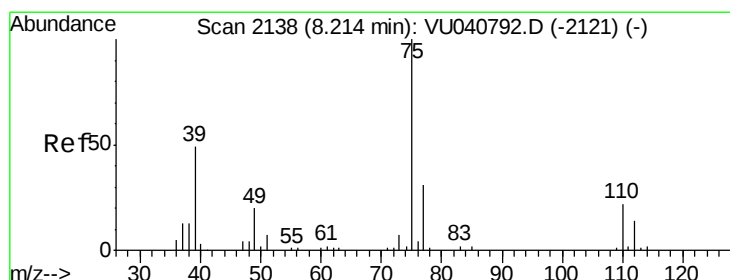
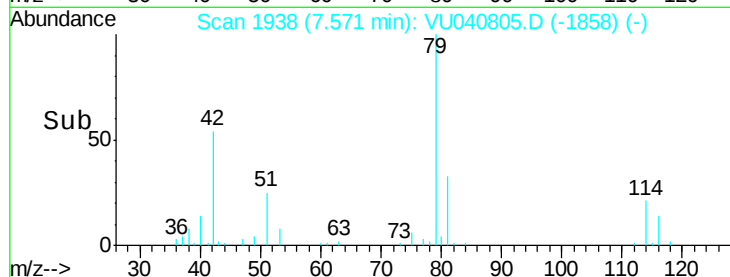
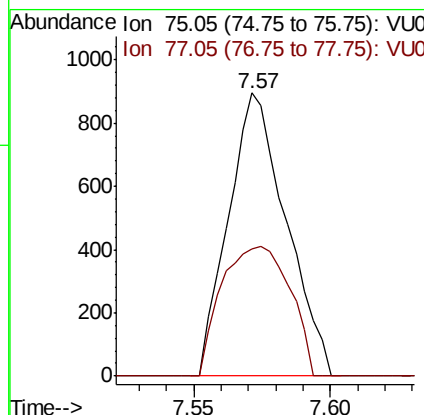
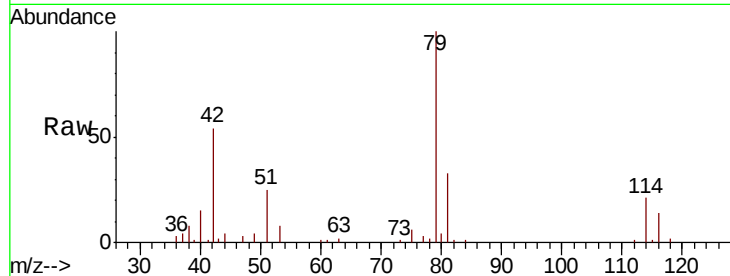


#39

cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040805.D
 Acq: 19 Oct 2020 15:18

Instrument :
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 ClientSampleId :
 ETZ18DL

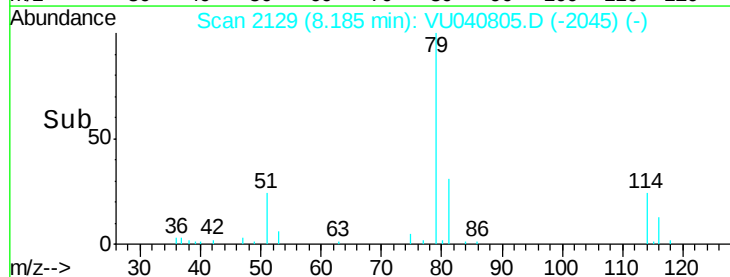
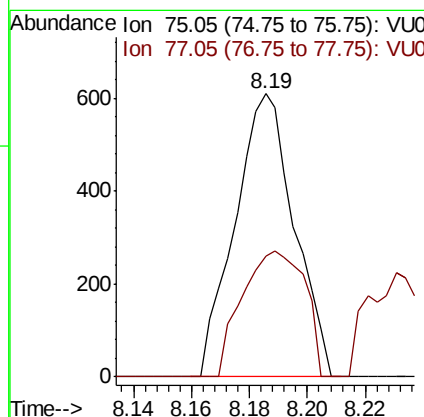
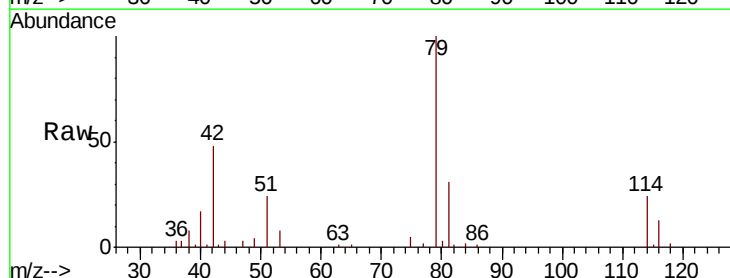
Tot Ion: 75 Resp: 1314
 Ion Ratio Lower Upper
 75 100
 77 45.0 20.5 38.1#

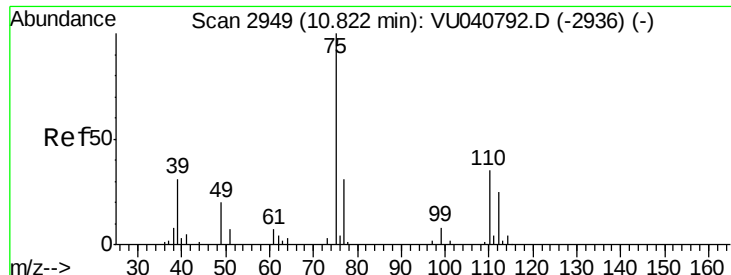


#44

trans-1,3-Dichloropropene
 Concen: 0.061 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040805.D
 Acq: 19 Oct 2020 15:18

Tgt Ion: 75 Resp: 864
 Ion Ratio Lower Upper
 75 100
 77 42.7 20.4 38.0#





#59

1,2,3-Trichloropropane

Concen: 0.831 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040805.D

Acq: 19 Oct 2020 15:18

Instrument :

MSVOA_U

ClientSampleId :

ETZ18DL

Tot Ion: 75 Resp: 6857

Ion Ratio Lower Upper

75 100

77 38.1 26.4 39.6

