

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038548.D
 Acq On : 04 Jun 2020 14:56
 Operator : SY/MD
 Sample : L2873-01DL 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETTM6DL

Quant Time: Jun 05 01:13:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 05 01:11:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	299763	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	301760	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	141104	5.00	ug/L	0.00

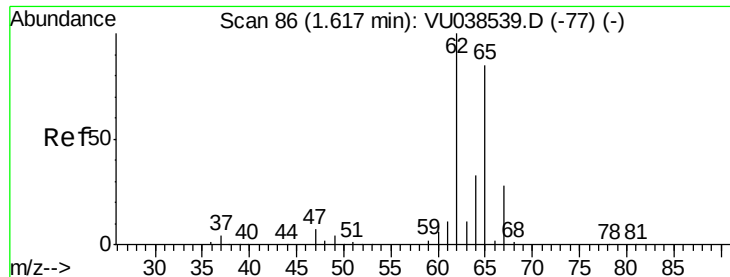
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	74067	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.93	69	66291	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.59	63	124544	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.69	46	325299	55.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.38%
24) Chloroform-d	5.10	84	174187	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.74	65	106030	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.76	84	348645	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.72	67	107742	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.92	98	302018	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.20	79	43129	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.66	63	260457	52.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	96216	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	122908	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	51683	2.223	ug/L	98
12) 1,1-Dichloroethene	2.59	96	2175	0.118	ug/L #	1
16) Methylene chloride	3.08	84	2213	0.106	ug/L	94
22) cis-1,2-Dichloroethene	4.71	96	171327	7.997	ug/L	95
34) Trichloroethene	6.57	95	37536	1.719	ug/L	97
35) Methylcyclohexane	6.72	83	26121	0.772	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12003	0.567	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3152	0.101	ug/L #	55
48) 2-Hexanone	8.71	43	13716	1.196	ug/L	97
59) 1,2,3-Trichloropropane	11.82	75	17178	1.087	ug/L #	87
69) Naphthalene	14.11	128	24151	0.424	ug/L	98

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



#5

Vinyl chloride

Concen: 2.223 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038548.D

Acq: 04 Jun 2020 14:56

Instrument :

MSVOA_U

ClientSampled :

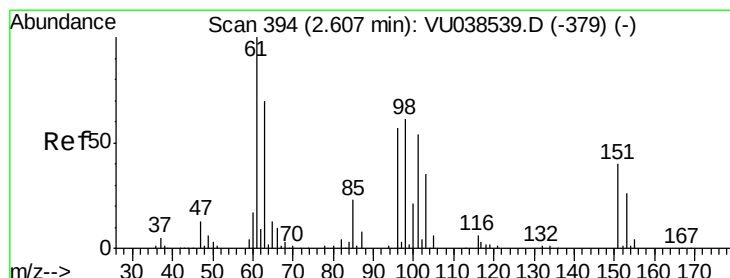
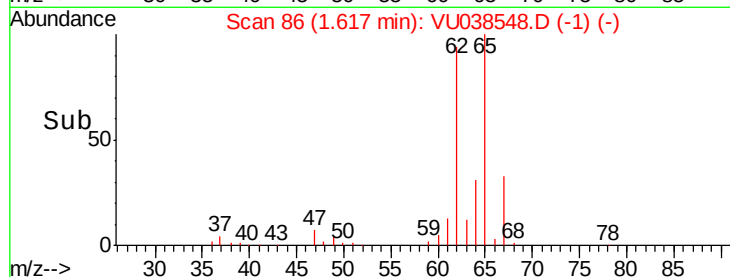
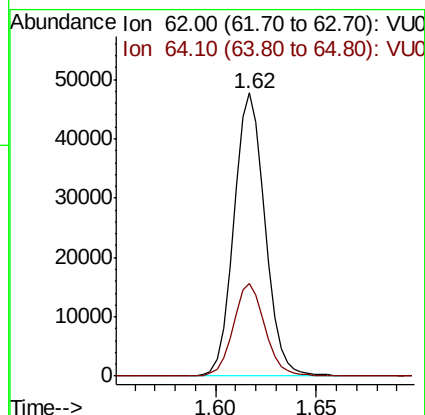
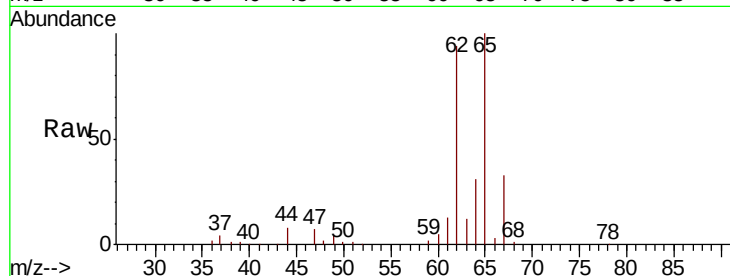
ETTM6DL

Tot Ion: 62 Resp: 51683

Ion Ratio Lower Upper

62 100

64 32.9 23.7 43.9



#12

1,1-Dichloroethene

Concen: 0.118 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038548.D

Acq: 04 Jun 2020 14:56

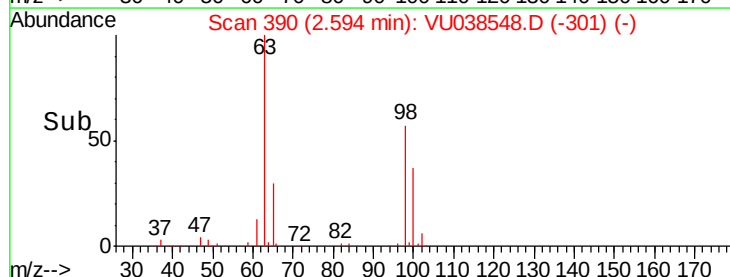
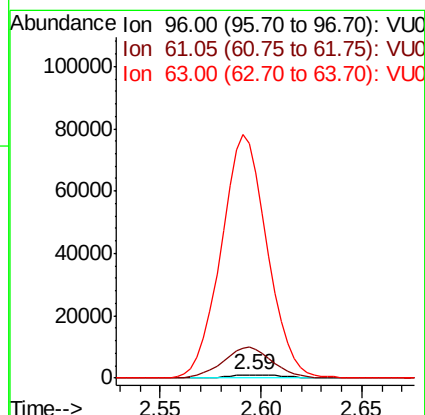
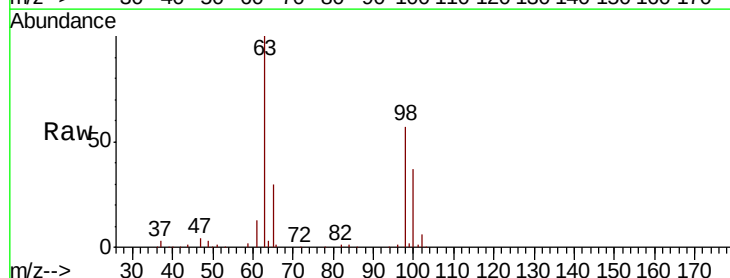
Tgt Ion: 96 Resp: 2175

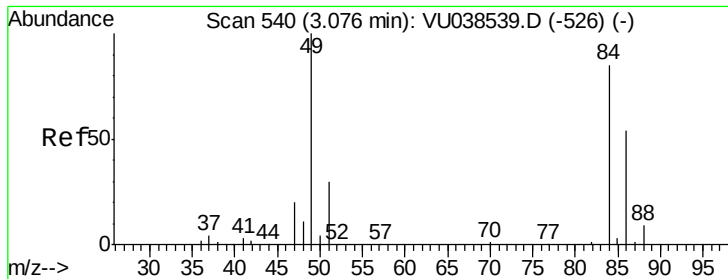
Ion Ratio Lower Upper

96 100

61 883.0 119.9 222.7#

63 6800.4 89.9 167.0#

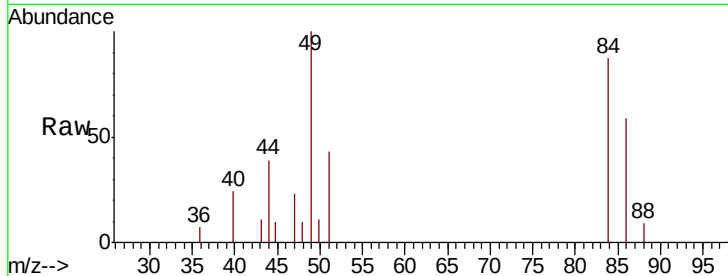




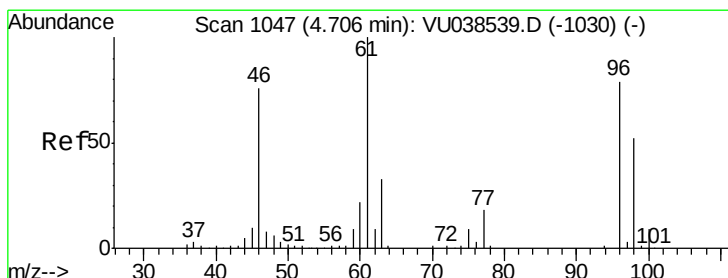
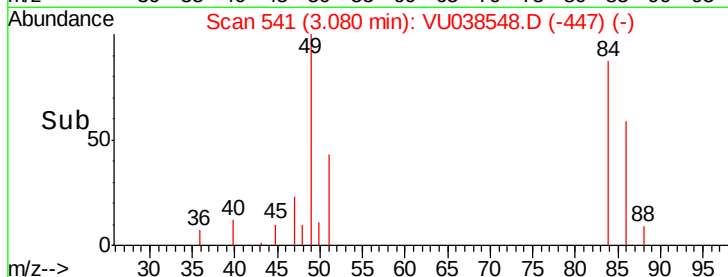
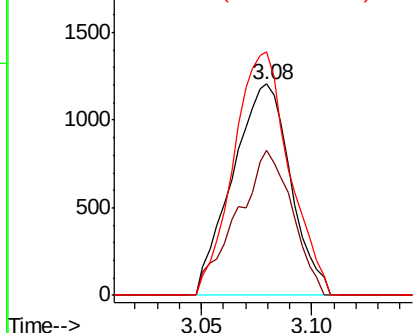
#16
Methylene chloride
Concen: 0.106 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038548.D
Acq: 04 Jun 2020 14:56

Instrument :
MSVOA_U
ClientSampleId :
ETTM6DL

Tot Ion: 84 Resp: 2213
Ion Ratio Lower Upper
84 100
86 68.4 45.0 83.6
49 115.2 85.5 158.9

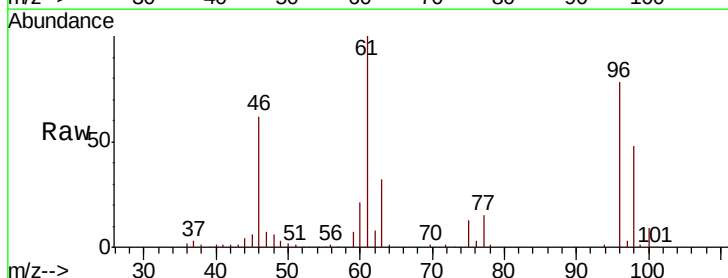


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

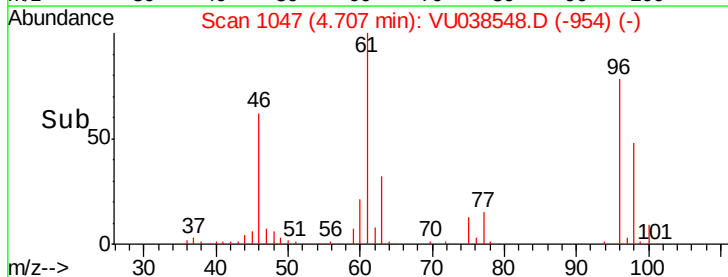
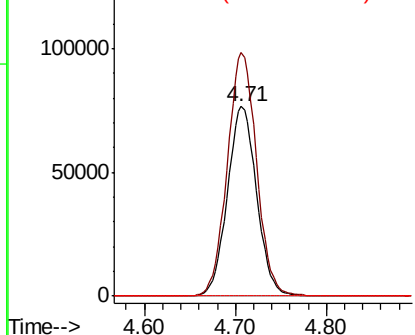


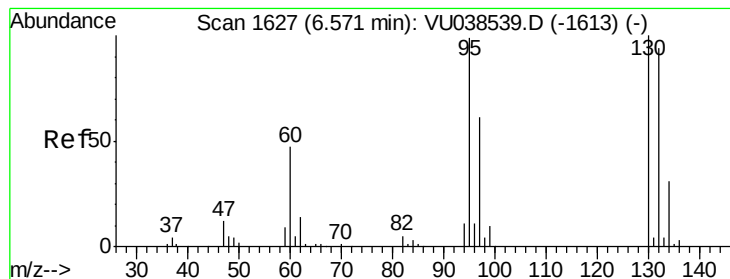
#22
cis-1,2-Dichloroethene
Concen: 7.997 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU038548.D
Acq: 04 Jun 2020 14:56

Tgt Ion: 96 Resp: 171327
Ion Ratio Lower Upper
96 100
61 128.4 94.0 174.6
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





#34

Trichloroethene

Concen: 1.719 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038548.D

Acq: 04 Jun 2020 14:56

Instrument :

MSVOA_U

ClientSampleId :

ETTM6DL

Tot Ion: 95 Resp: 37536

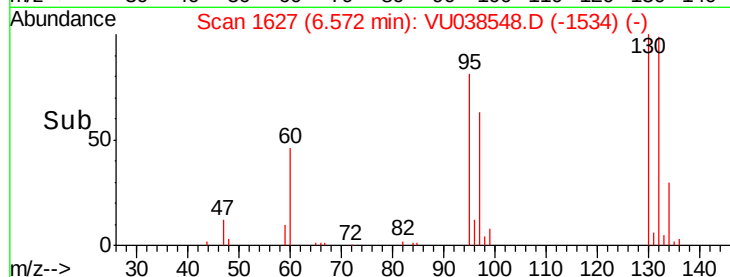
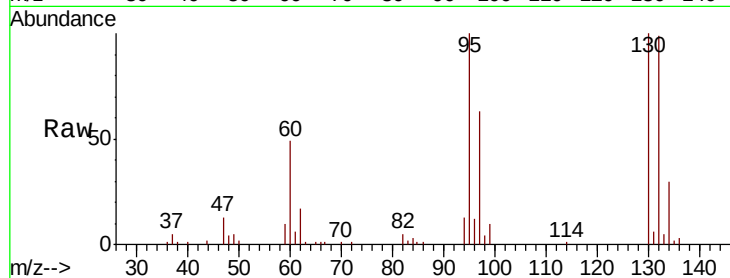
Ion Ratio Lower Upper

95 100

97 63.2 46.8 87.0

132 98.9 66.1 122.7

130 100.2 70.0 130.0

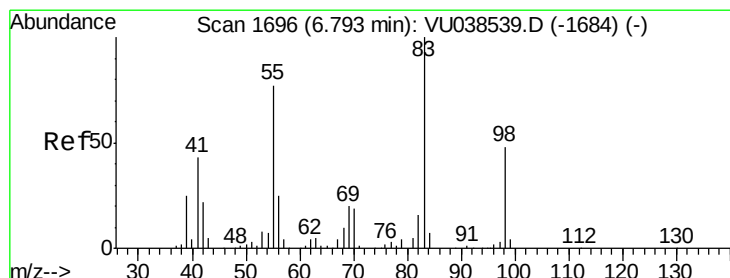
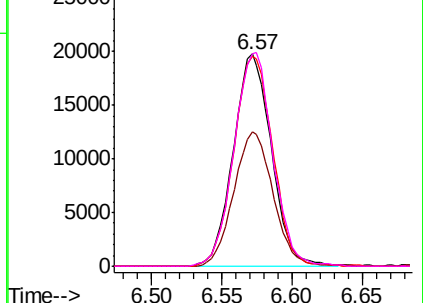


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.772 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038548.D

Acq: 04 Jun 2020 14:56

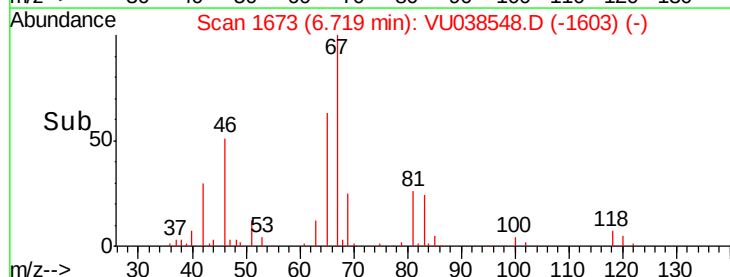
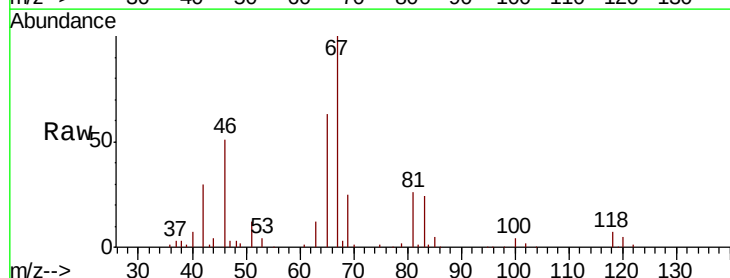
Tgt Ion: 83 Resp: 26121

Ion Ratio Lower Upper

83 100

55 0.8 63.4 95.2#

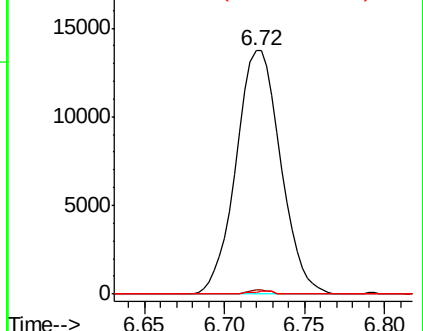
98 0.6 39.0 58.4#

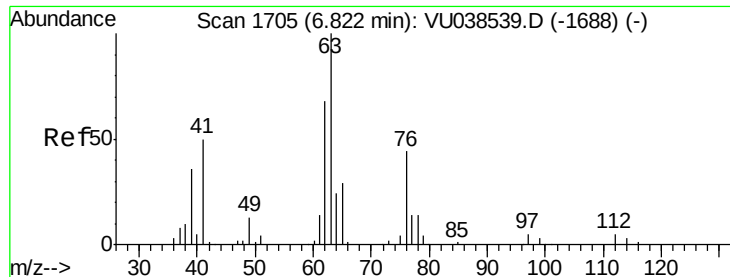


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

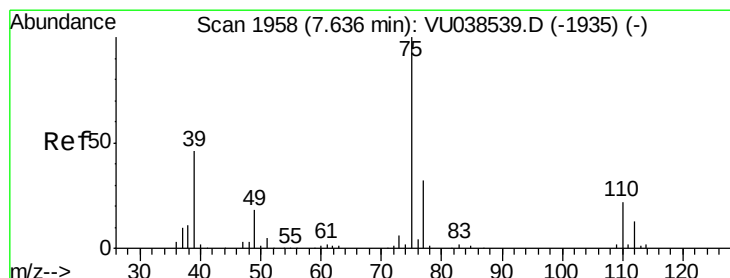
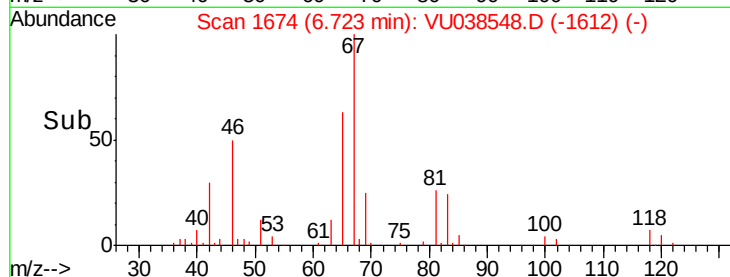
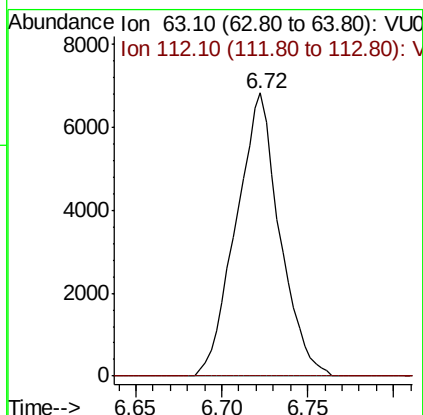
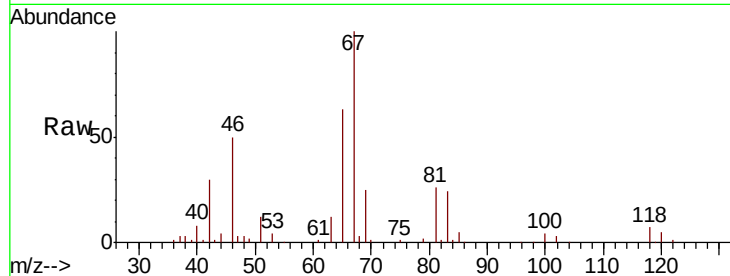




#37
 1,2-Dichloropropane
 Concen: 0.567 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038548.D
 Acq: 04 Jun 2020 14:56

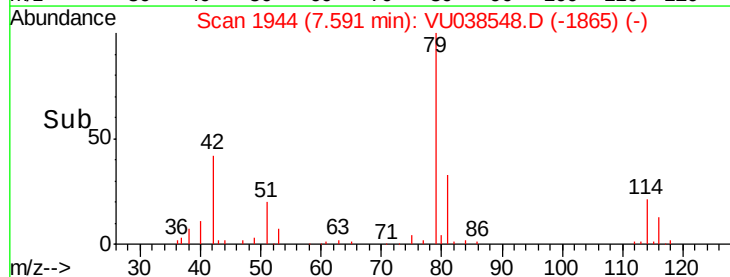
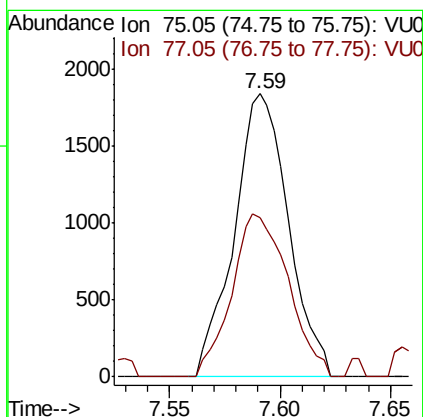
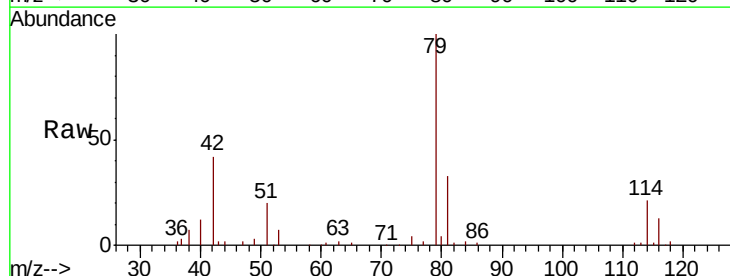
Instrument :
 MSVOA_U
 ClientSampled :
 ETTM6DL

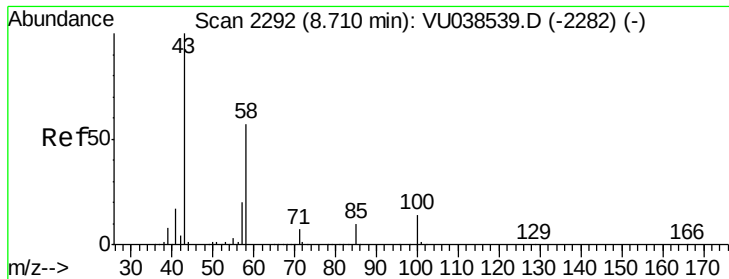
Tot Ion: 63 Resp: 12003
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038548.D
 Acq: 04 Jun 2020 14:56

Tgt Ion: 75 Resp: 3152
 Ion Ratio Lower Upper
 75 100
 77 56.1 21.9 40.7#

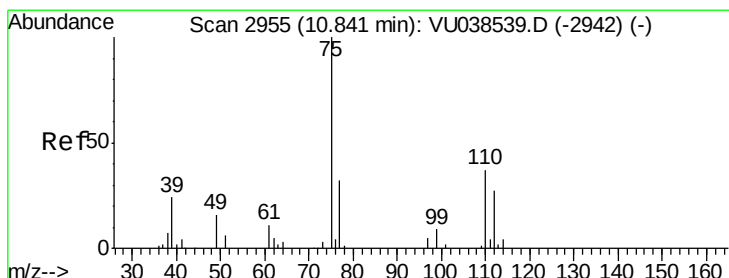
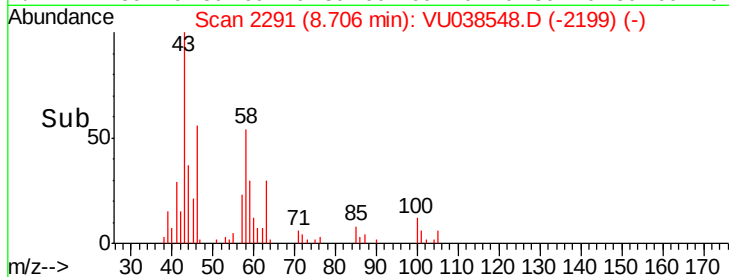
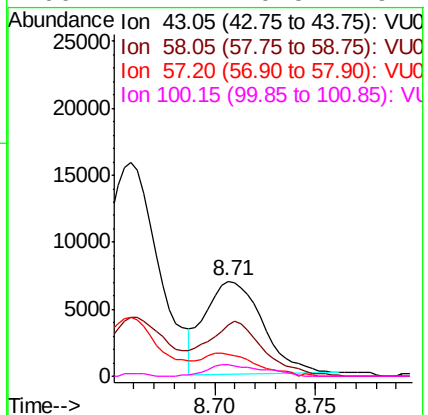
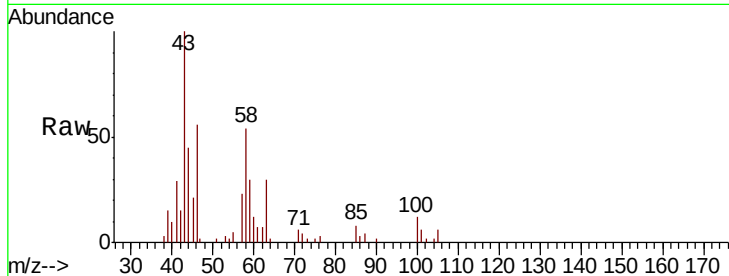




#48
2-Hexanone
Concen: 1.196 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038548.D
Acq: 04 Jun 2020 14:56

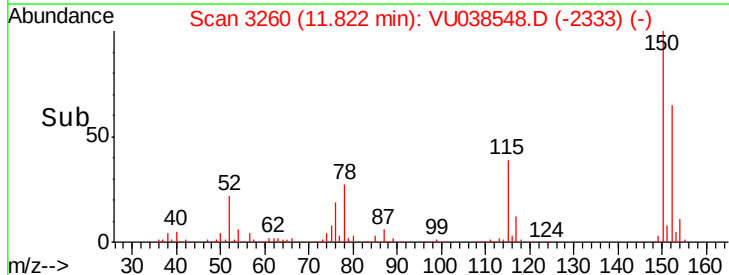
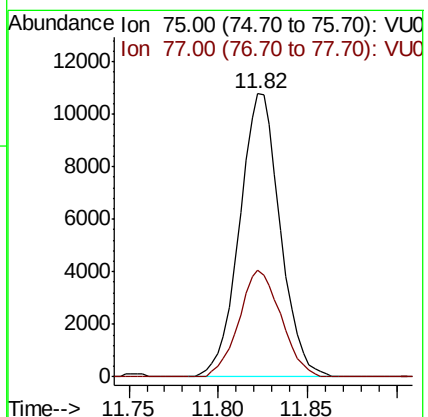
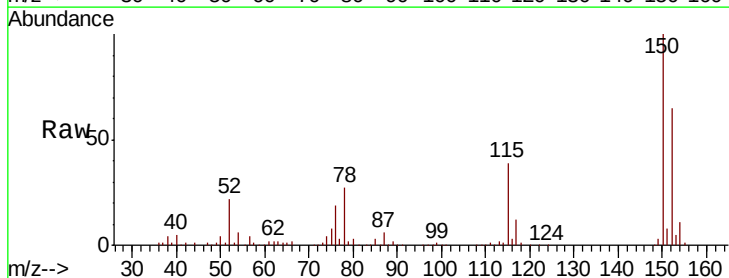
Instrument :
MSVOA_U
ClientSampled :
ETTM6DL

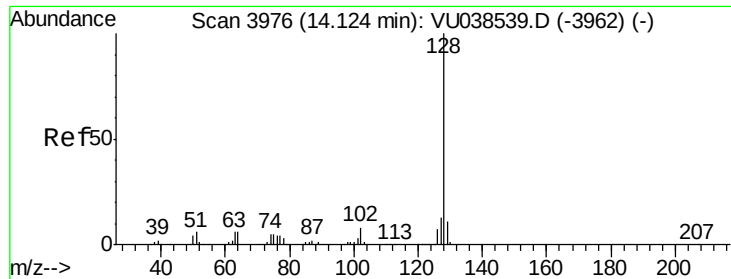
Tot Ion:	43	Resp:	13716
Ion	Ratio	Lower	Upper
43	100		
58	58.1	45.4	68.0
57	22.7	15.9	23.9
100	12.4	10.5	15.7



#59
1,2,3-Trichloropropane
Concen: 1.087 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038548.D
Acq: 04 Jun 2020 14:56

Tgt Ion:	75	Resp:	17178
Ion	Ratio	Lower	Upper
75	100		
77	38.8	25.4	38.2





#69

Naphthalene

Concen: 0.424 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.01 min

Lab File: VU038548.D

Acq: 04 Jun 2020 14:56

Instrument :

MSVOA_U

ClientSampleId :

ETTM6DL

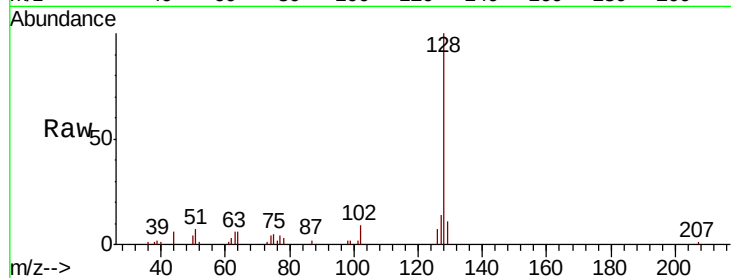
Tot Ion:128 Resp: 24151

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.9 10.2 15.4



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

