

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
 Data File : VU038165.D
 Acq On : 14 May 2020 13:37
 Operator : JC/MD
 Sample : L2631-03DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 01:08:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 01:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	345712	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	332730	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	157854	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	111365	3.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.40%
7) Chloroethane-d5	1.93	69	113330	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.59	63	151251	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	4.67	46	456427	58.50	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.00%
24) Chloroform-d	5.10	84	220652	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.74	65	134128	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.76	84	464814	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.72	67	156874	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.92	98	405882	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.20	79	55717	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.65	63	373663	61.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.78%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	129529	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	153837	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

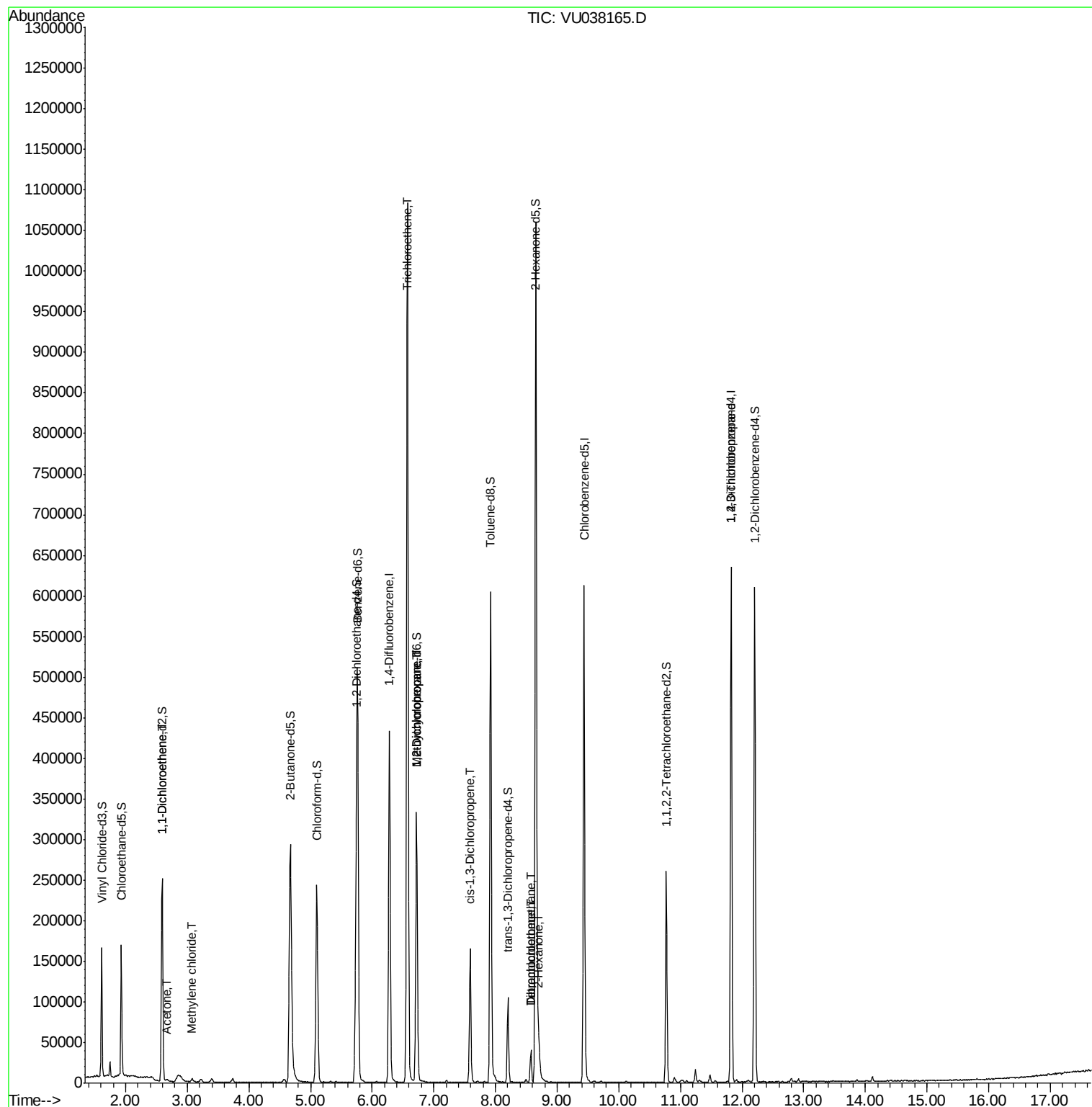
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1490	0.062	ug/L #	1
13) Acetone	2.66	43	4759	0.972	ug/L	89
16) Methylene chloride	3.08	84	1943	0.069	ug/L	87
34) Trichloroethene	6.57	95	370603	13.907	ug/L	99
35) Methylcyclohexane	6.72	83	34664	0.803	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	16607	0.574	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3581	0.086	ug/L #	61
47) Tetrachloroethene	8.57	164	8487	0.455	ug/L	92
48) 2-Hexanone	8.71	43	25979	1.769	ug/L #	86
49) Dibromochloromethane	8.57	129	8112	0.389	ug/L #	10
59) 1,2,3-Trichloropropane	11.82	75	21172	1.090	ug/L	90

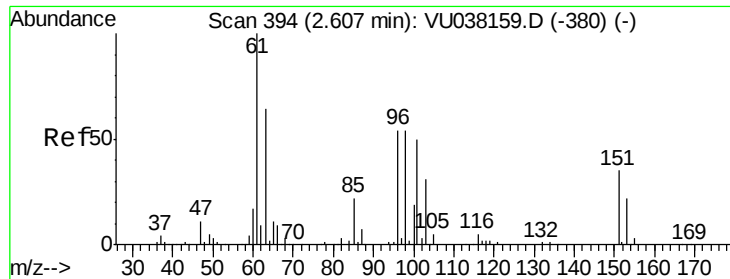
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
Data File : VU038165.D
Acq On : 14 May 2020 13:37
Operator : JC/MD
Sample : L2631-03DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 15 01:08:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 15 01:05:40 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.062 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038165.D

Acq: 14 May 2020 13:37

Instrument :

MSVOA_U

ClientSampleId :

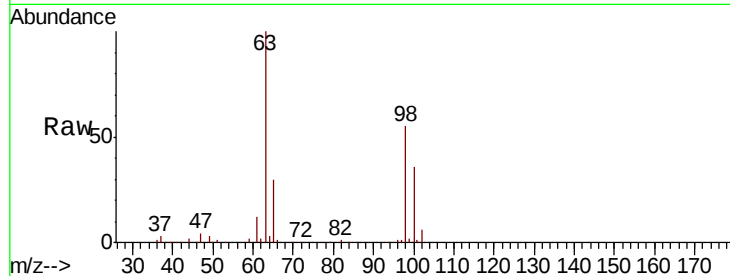
Tot Ion: 96 Resp: 1490

Ion Ratio Lower Upper

96 100

61 1281.7 126.2 234.4#

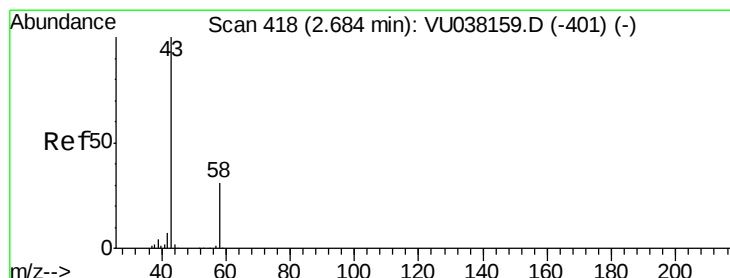
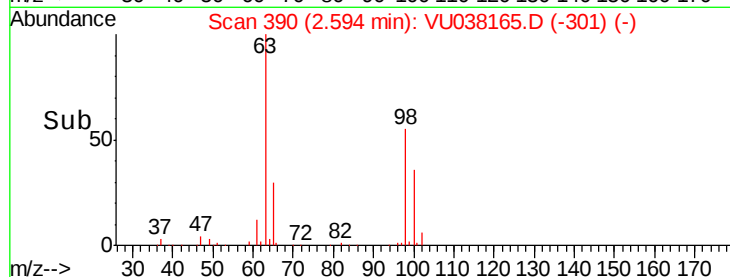
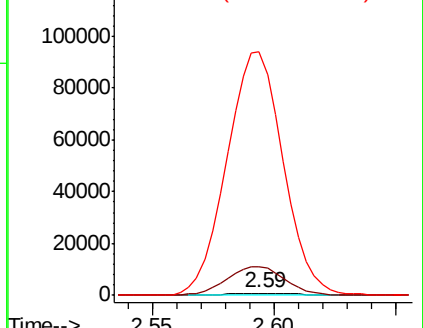
63 10708.0 96.9 179.9#



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



#13

Acetone

Concen: 0.972 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU038165.D

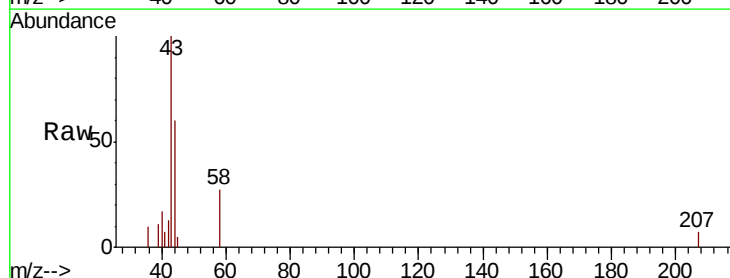
Acq: 14 May 2020 13:37

Tgt Ion: 43 Resp: 4759

Ion Ratio Lower Upper

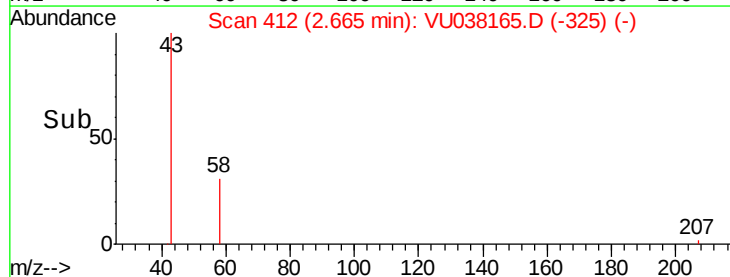
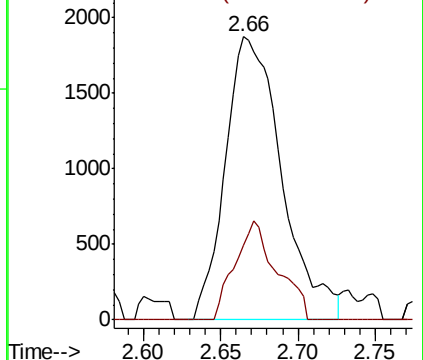
43 100

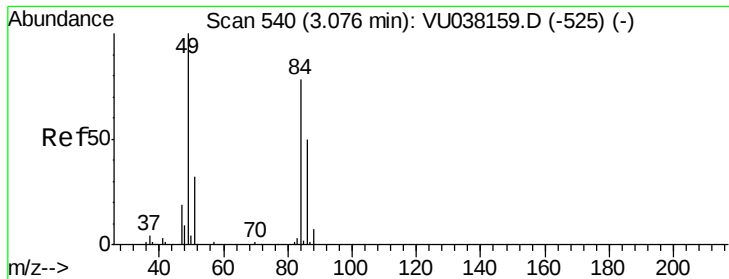
58 25.9 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

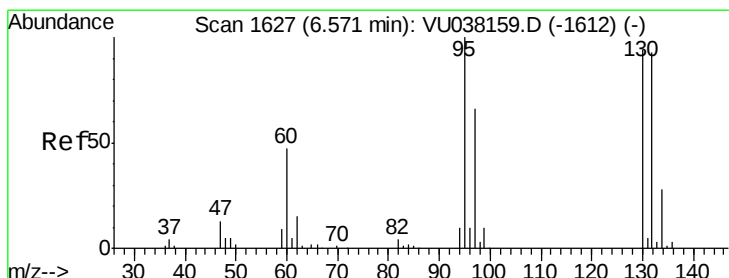
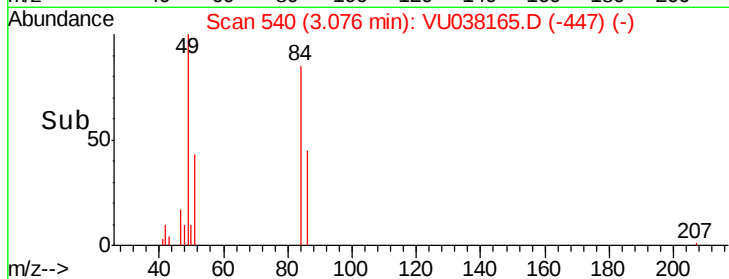
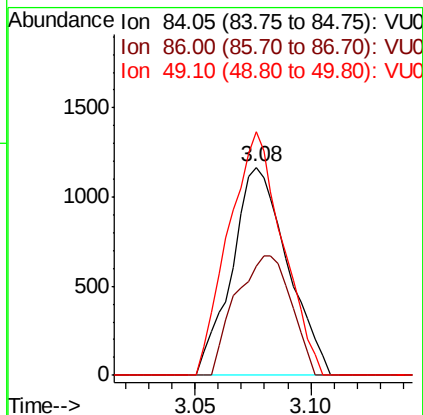
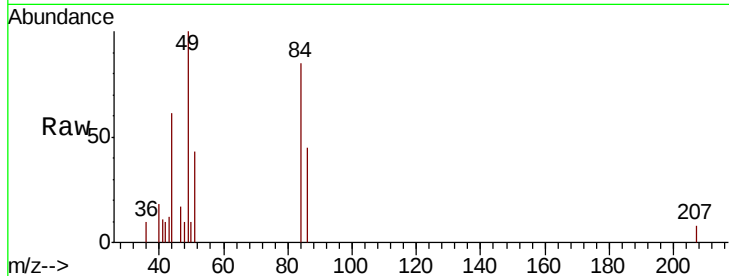




#16
Methvlene chloride
Concen: 0.069 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU038165.D
Acq: 14 May 2020 13:37

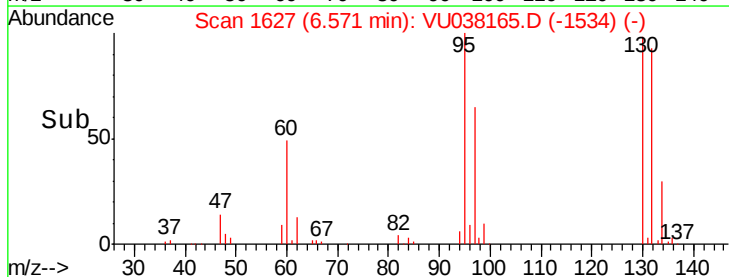
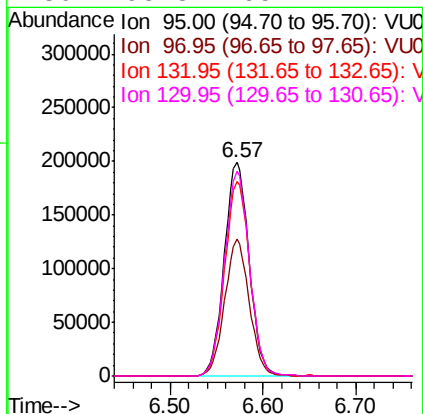
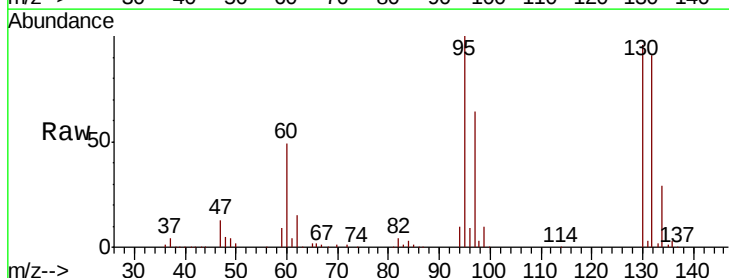
Instrument :
MSVOA_U
ClientSampleId :

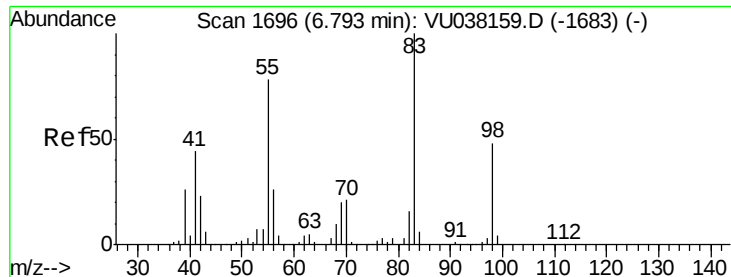
Tot Ion: 84 Resp: 1943
Ion Ratio Lower Upper
84 100
86 52.3 44.9 83.3
49 117.1 92.0 170.9



#34
Trichloroethene
Concen: 13.907 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038165.D
Acq: 14 May 2020 13:37

Tgt Ion: 95 Resp: 370603
Ion Ratio Lower Upper
95 100
97 63.9 44.9 83.3
132 91.2 63.3 117.5
130 95.8 65.7 122.1

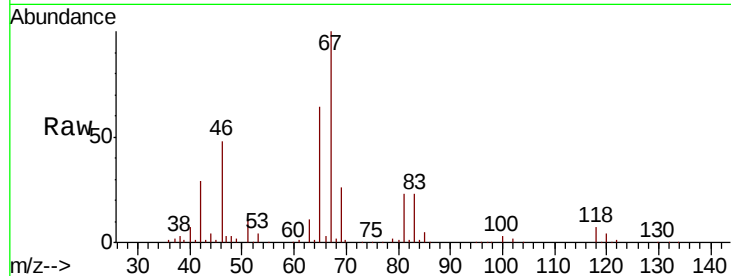




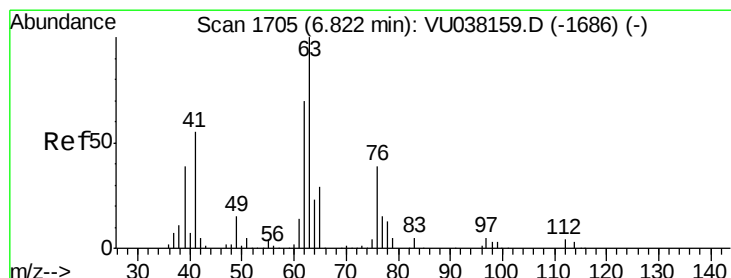
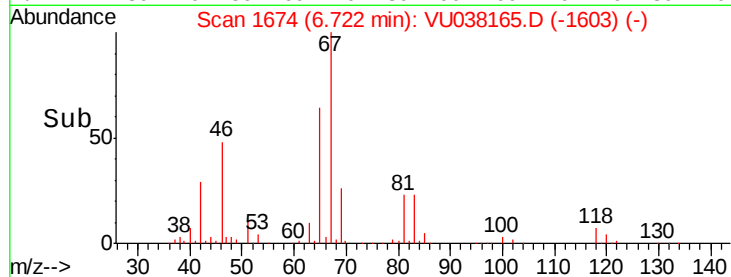
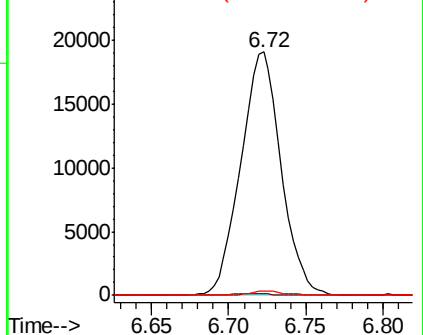
#35
Methvlcvclohexane
Concen: 0.803 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038165.D
Acq: 14 May 2020 13:37

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 34664
Ion Ratio Lower Upper
83 100
55 0.5 66.7 100.1#
98 1.7 39.4 59.2#

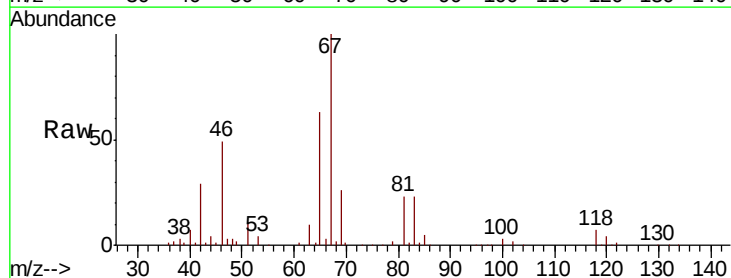


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

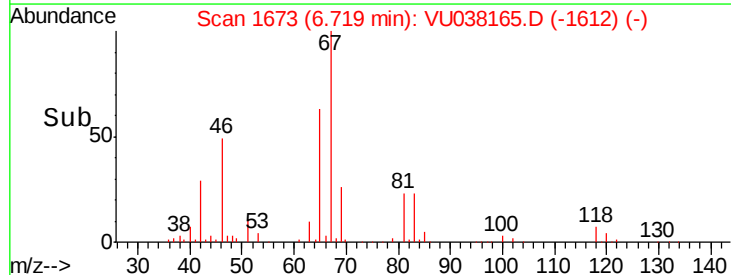
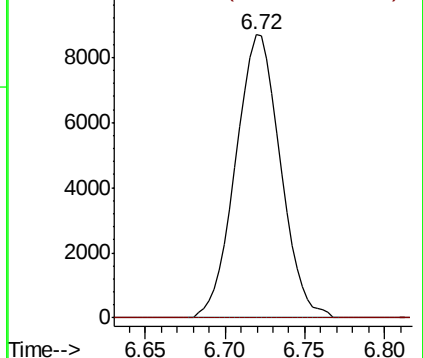


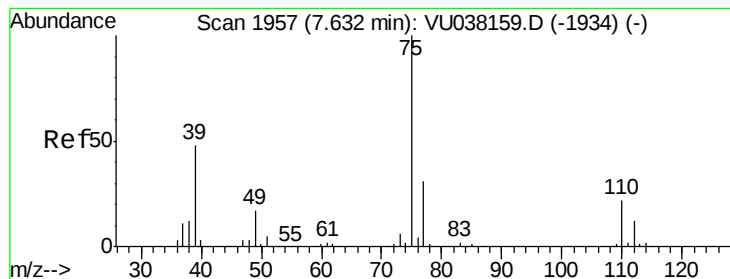
#37
1,2-Dichloropropane
Concen: 0.574 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038165.D
Acq: 14 May 2020 13:37

Tgt Ion: 63 Resp: 16607
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



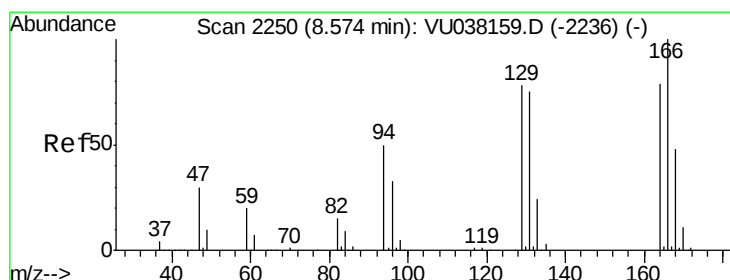
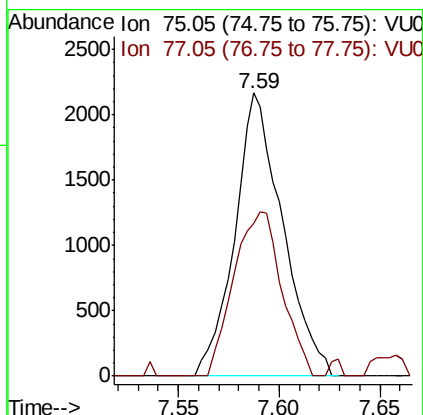
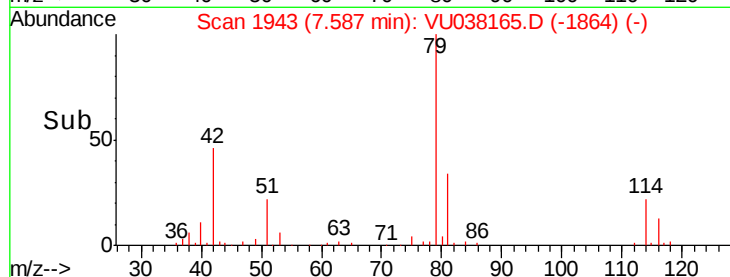
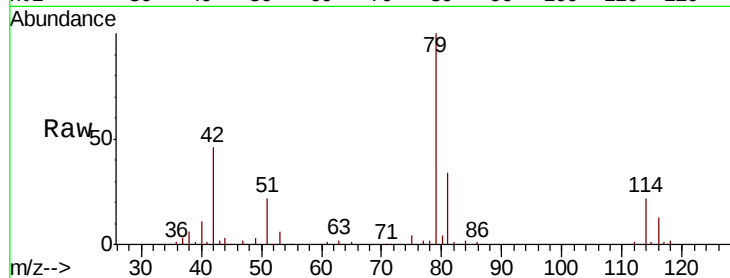


#39

cis-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.04 min
Lab File: VU038165.D
Acq: 14 May 2020 13:37

Instrument :
MSVOA_U
ClientSampled :

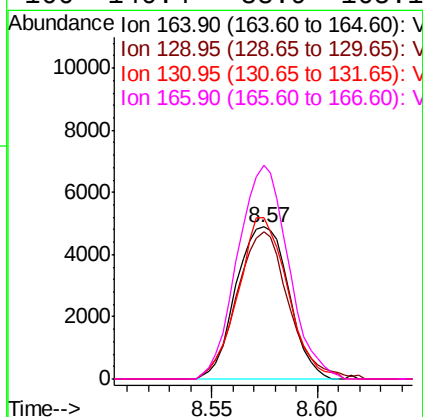
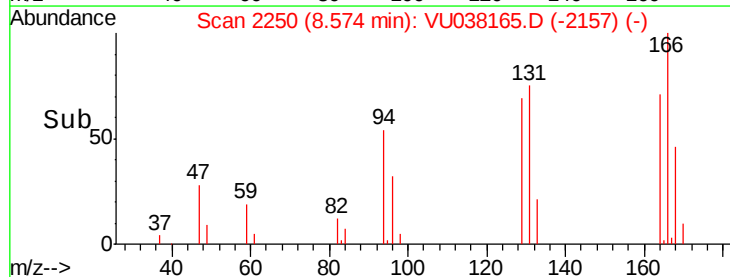
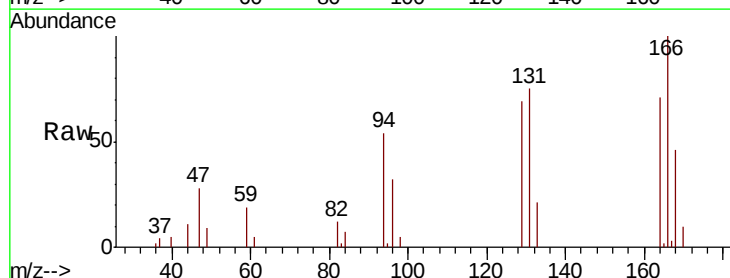
Tot Ion: 75 Resp: 3581
Ion Ratio Lower Upper
75 100
77 53.8 22.4 41.6#

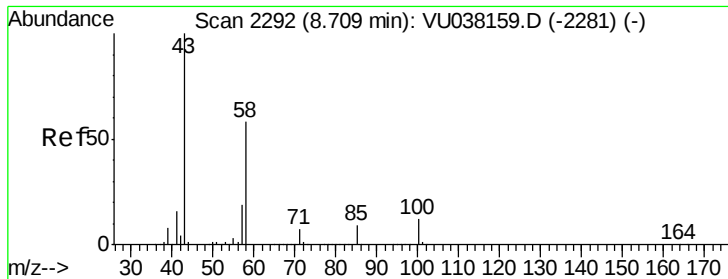


#47

Tetrachloroethene
Concen: 0.455 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. 0.00 min
Lab File: VU038165.D
Acq: 14 May 2020 13:37

Tgt Ion:164 Resp: 8487
Ion Ratio Lower Upper
164 100
129 96.5 68.8 127.8
131 105.8 66.8 124.2
166 140.4 88.9 165.1





#48

2-Hexanone

Concen: 1.769 ug/L

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU038165.D

Acq: 14 May 2020 13:37

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 43 Resp: 25979

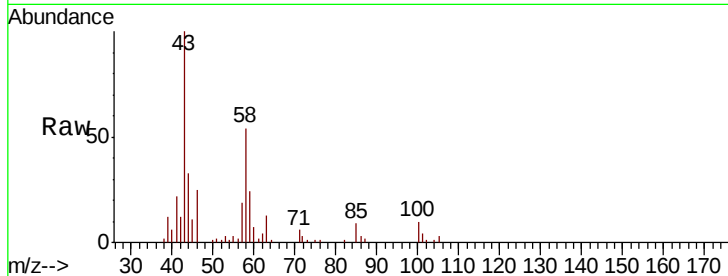
Ion Ratio Lower Upper

43 100

58 52.8 45.2 67.8

57 0.0 15.5 23.3#

100 8.9 9.5 14.3#

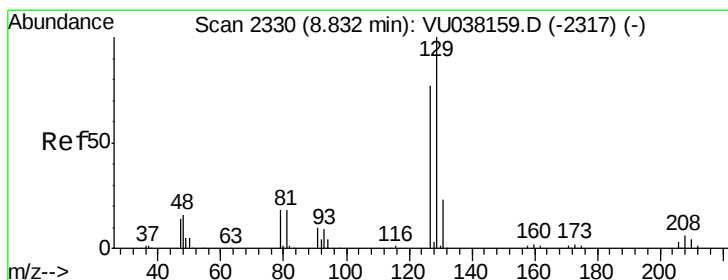
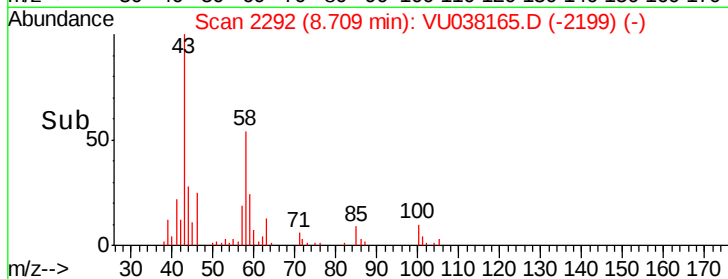
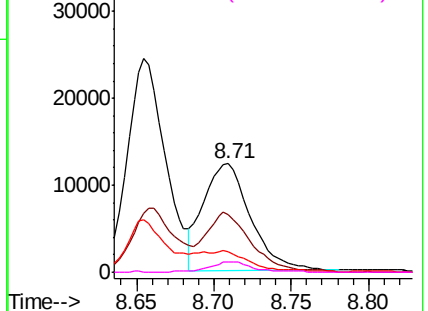


Abundance Ion 43.05 (42.75 to 43.75): VU0

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



#49

Dibromochloromethane

Concen: 0.389 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU038165.D

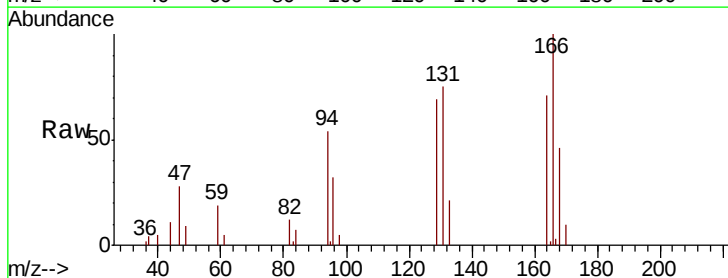
Acq: 14 May 2020 13:37

Tgt Ion: 129 Resp: 8112

Ion Ratio Lower Upper

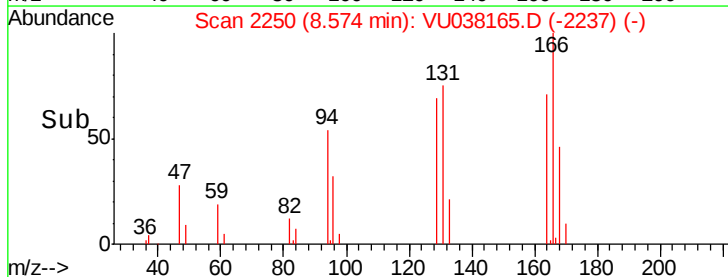
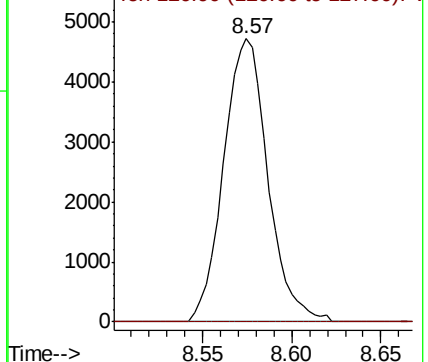
129 100

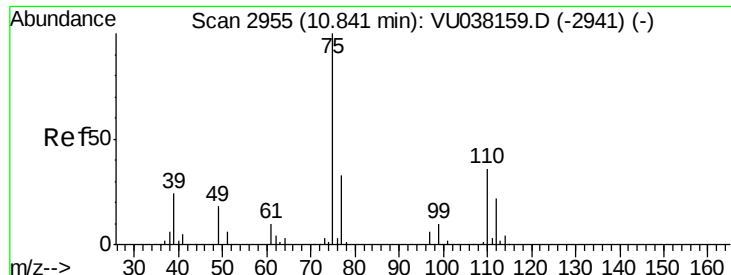
127 0.0 55.6 103.4#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 1.090 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038165.D

Acq: 14 May 2020 13:37

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 21172

Ion Ratio Lower Upper

75 100

77 37.1 25.4 38.0

