

Data File : VU036663.D
Acq On : 01 Feb 2020 00:43
Operator : JC/MD
Sample : L1326-04 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCS6

Quant Time: Feb 01 01:01:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM013120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 00:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	265757	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	242523	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	97929	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	122066	50.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.76%
7) Chloroethane-d5	1.93	69	102118	52.34	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.68%
11) 1,1-Dichloroethene-d2	2.59	63	147374	38.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.74%
21) 2-Butanone-d5	4.68	46	137494	92.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.18%
24) Chloroform-d	5.11	84	174899	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.44%
26) 1,2-Dichloroethane-d4	5.75	65	123079	52.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.68%
32) Benzene-d6	5.77	84	395425	53.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.70%
36) 1,2-Dichloropropane-d6	6.73	67	129887	53.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.60%
41) Toluene-d8	7.93	98	357330	52.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.50%
43) trans-1,3-Dichloropropene-	8.21	79	58614	49.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.88%
47) 2-Hexanone-d5	8.67	63	144974	107.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.78%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	174506	50.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.76%
64) 1,2-Dichlorobenzene-d4	12.21	152	108096	52.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.74%

Target Compounds

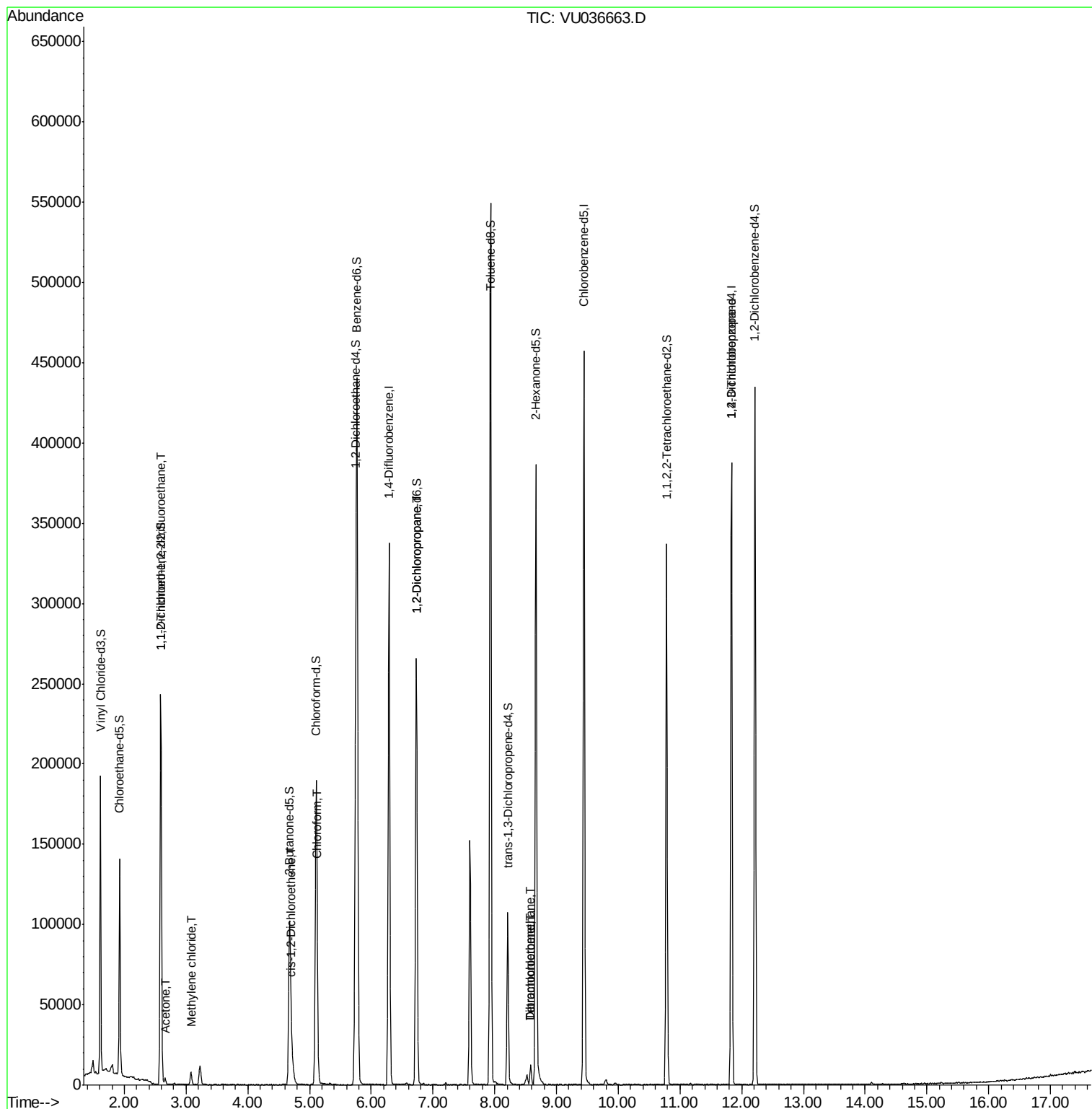
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1291	0.779 ug/L #	22
13) Acetone	2.66	43	3984	3.141 ug/L	97
16) Methylene chloride	3.08	84	4007	1.890 ug/L	98
20) cis-1,2-Dichloroethene	4.72	96	2932	1.417 ug/L	94
25) Chloroform	5.13	83	8063	2.343 ug/L	94
37) 1,2-Dichloropropane	6.73	63	13776	6.576 ug/L #	88
46) Tetrachloroethene	8.58	164	2579	1.864 ug/L	93
49) Dibromochloromethane	8.58	129	2866	1.540 ug/L #	12
59) 1,2,3-Trichloropropane	11.83	75	13958	5.020 ug/L	91

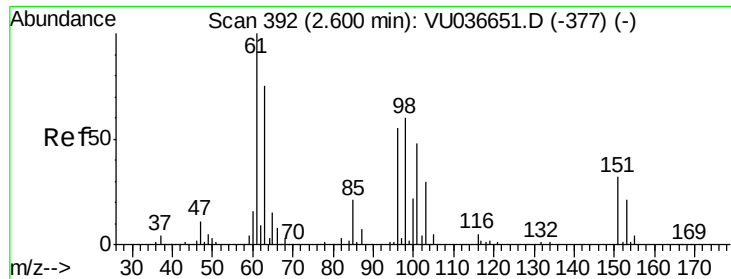
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.779 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

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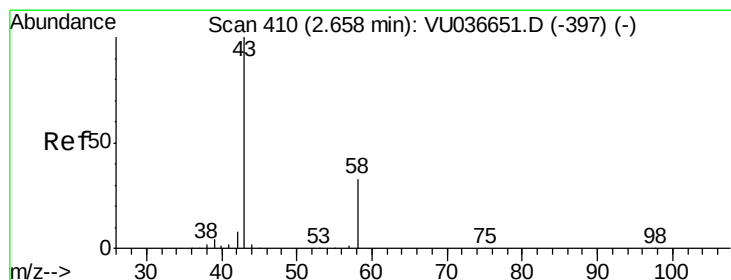
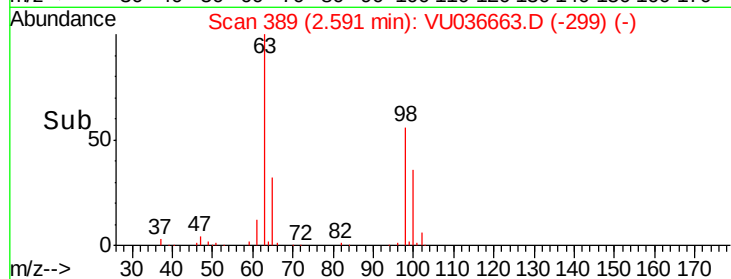
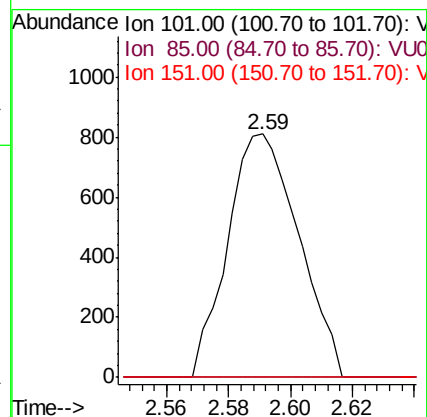
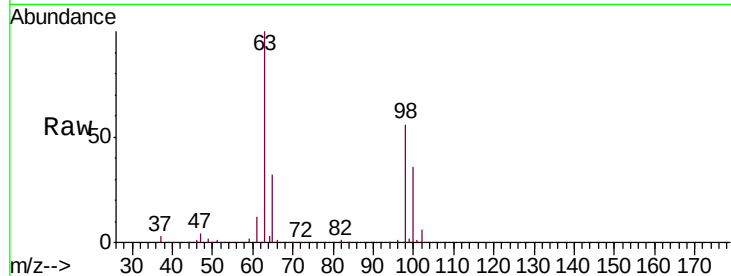
Tgt Ion: 101 Resp: 1291

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

151 0.0 54.7 82.1#



#13

Acetone

Concen: 3.141 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036663.D

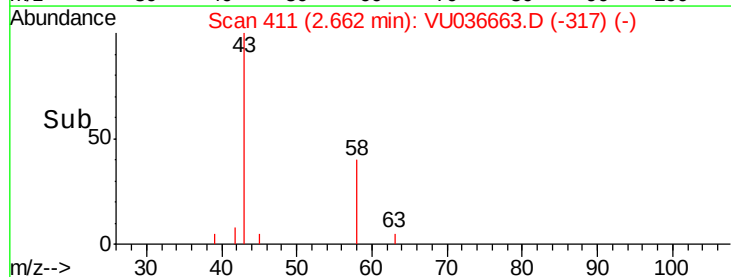
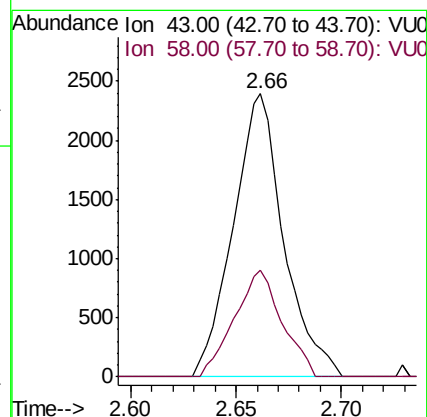
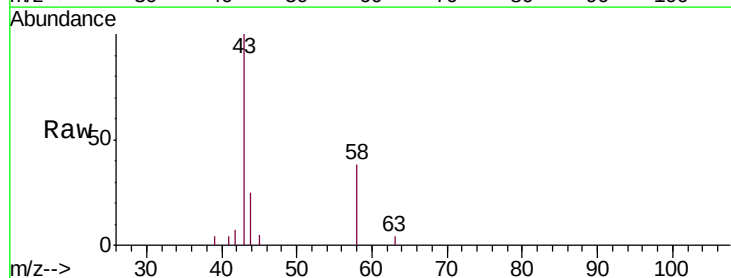
Acq: 01 Feb 2020 00:43

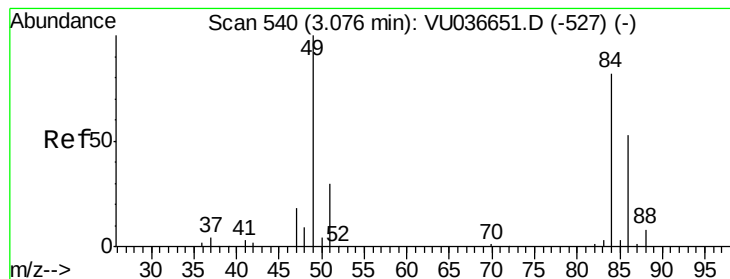
Tgt Ion: 43 Resp: 3984

Ion Ratio Lower Upper

43 100

58 35.5 0.0 67.8





#16

Methylene chloride

Concen: 1.890 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU036663.D

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Instrument :

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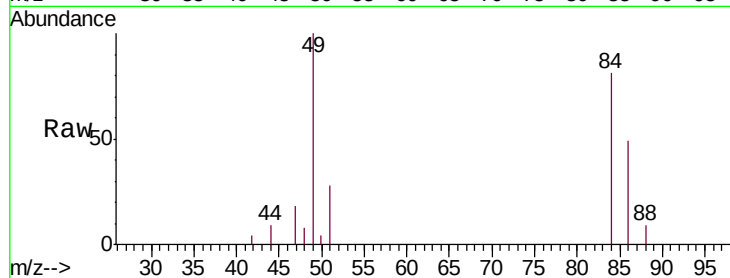
Tgt Ion: 84 Resp: 4007

Ion Ratio Lower Upper

84 100

86 60.3 45.1 83.9

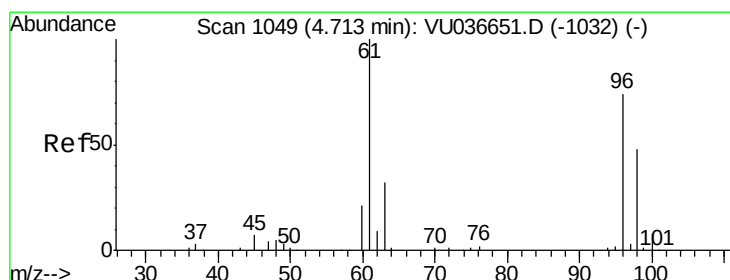
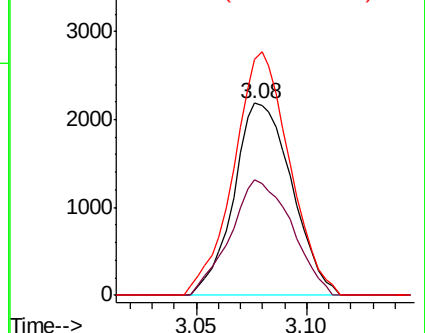
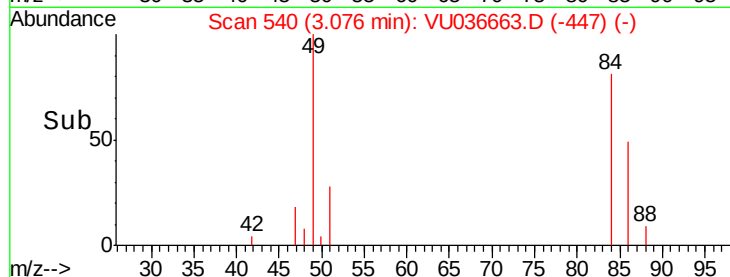
49 122.9 85.3 158.3



Abundance Ion 84.00 (83.70 to 84.70): VU036663.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU036663.D (-447) (-)

Ion 49.00 (48.70 to 49.70): VU036663.D (-447) (-)



#20

cis-1,2-Dichloroethene

Concen: 1.417 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU036663.D

Acq: 01 Feb 2020 00:43

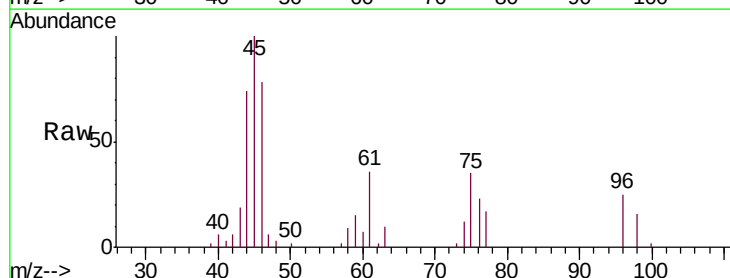
Tgt Ion: 96 Resp: 2932

Ion Ratio Lower Upper

96 100

61 143.2 94.9 176.3

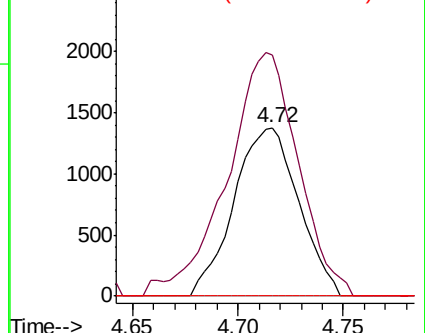
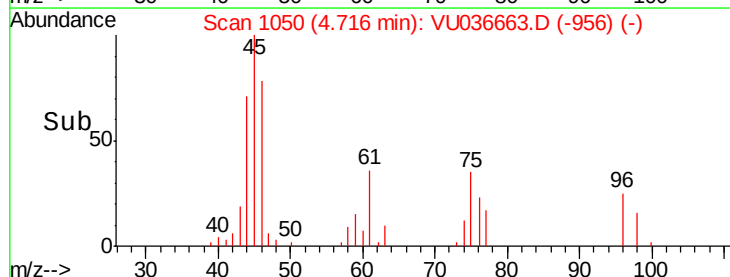
68 0.0 0.0 0.0

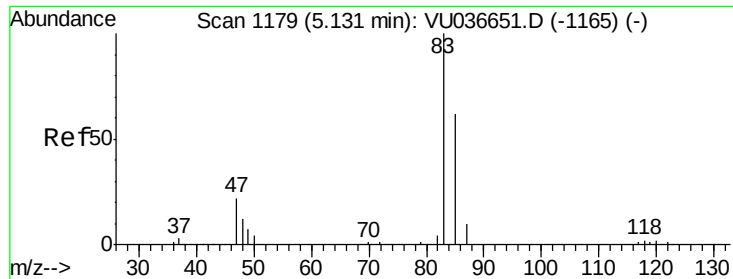


Abundance Ion 96.00 (95.70 to 96.70): VU036663.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU036663.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU036663.D (-956) (-)

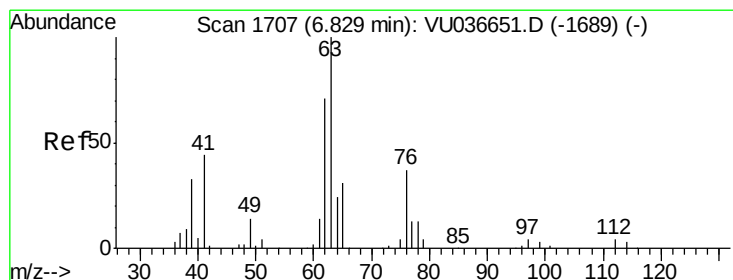
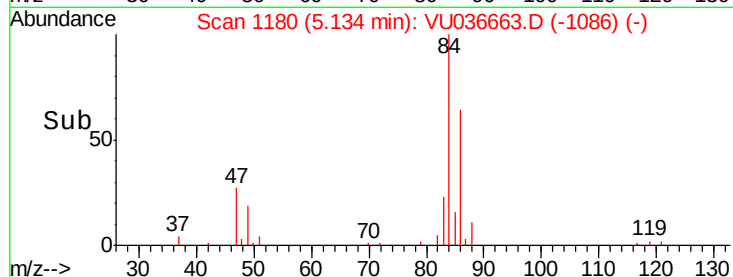
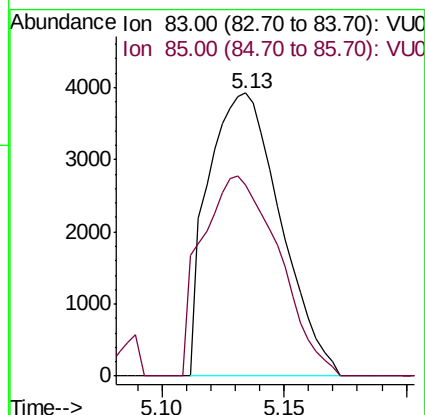
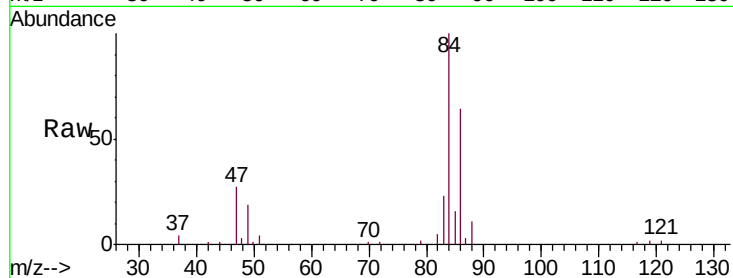




#25
Chloroform
Concen: 2.343 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU036663.D
Acq: 01 Feb 2020 00:43

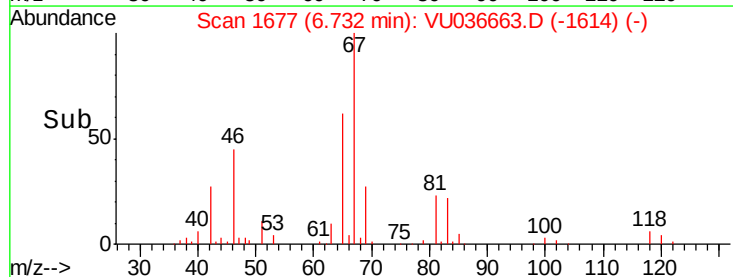
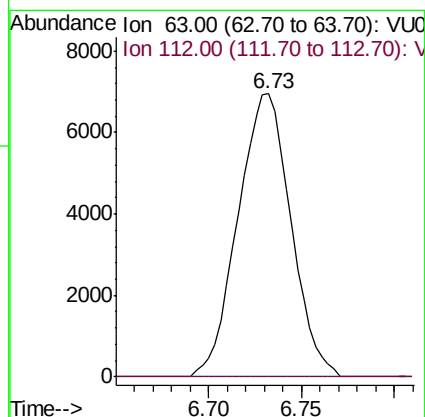
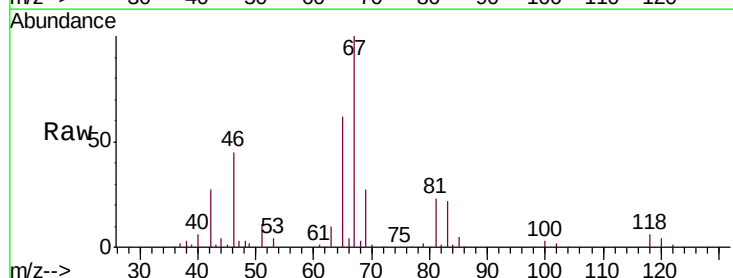
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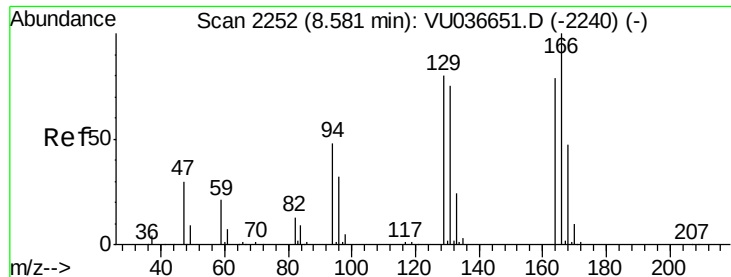
Tgt Ion: 83 Resp: 8063
Ion Ratio Lower Upper
83 100
85 67.6 44.3 82.3



#37
1,2-Dichloropropane
Concen: 6.576 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036663.D
Acq: 01 Feb 2020 00:43

Tgt Ion: 63 Resp: 13776
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#

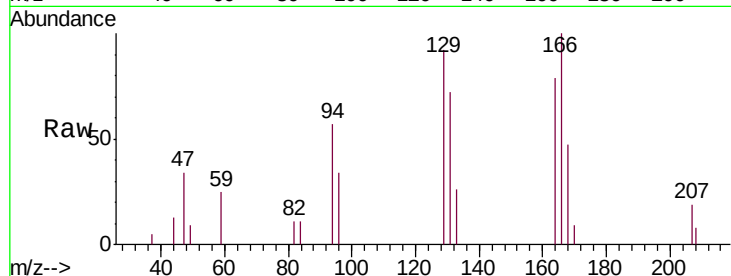




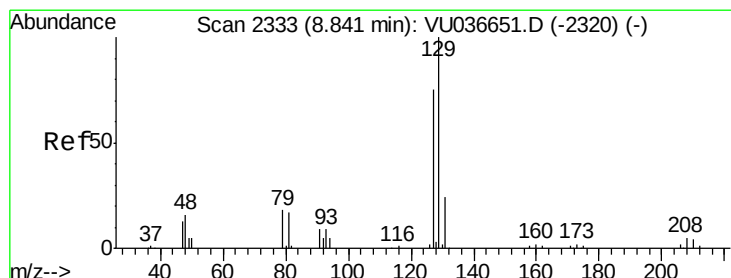
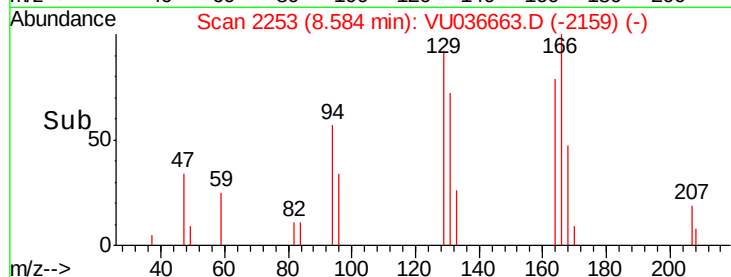
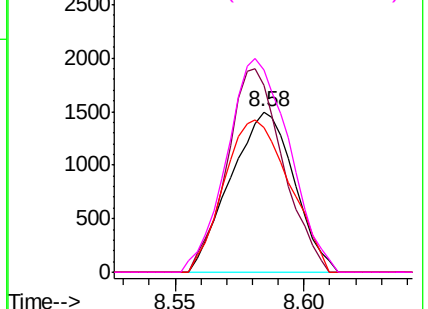
#46
Tetrachloroethene
Concen: 1.864 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU036663.D
Acq: 01 Feb 2020 00:43

Instrument :
MSVOA_U
ClientSampleId :
DBCS6

Tgt Ion:164 Resp: 2579
Ion Ratio Lower Upper
164 100
129 116.7 71.1 132.1
131 90.4 66.9 124.3
166 126.3 89.0 165.4

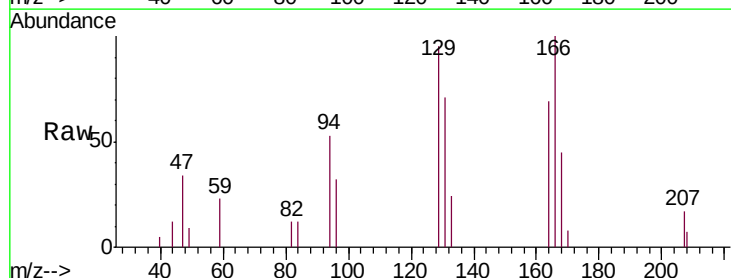


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

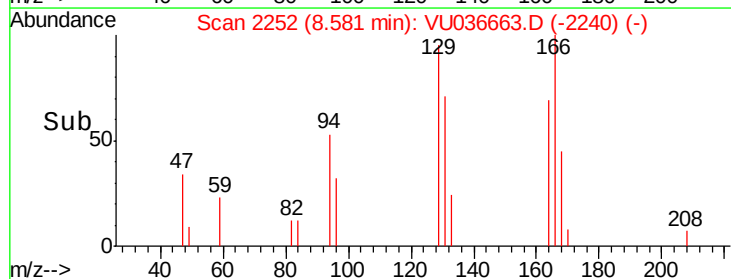
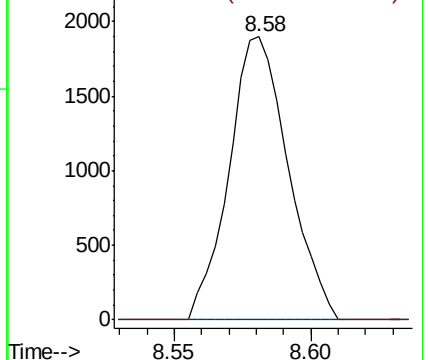


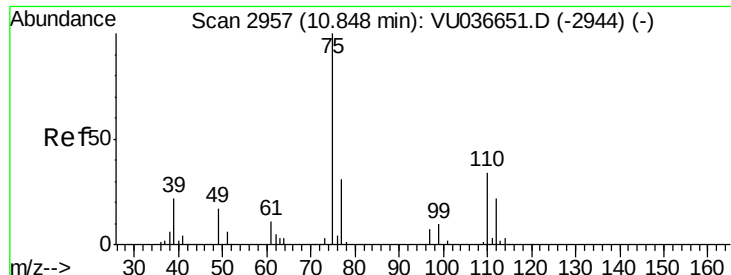
#49
Dibromochloromethane
Concen: 1.540 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.26 min
Lab File: VU036663.D
Acq: 01 Feb 2020 00:43

Tgt Ion:129 Resp: 2866
Ion Ratio Lower Upper
129 100
127 0.0 52.4 97.2#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.020 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036663.D

Acq: 01 Feb 2020 00:43

Instrument :

MSVOA_U

ClientSampleId :

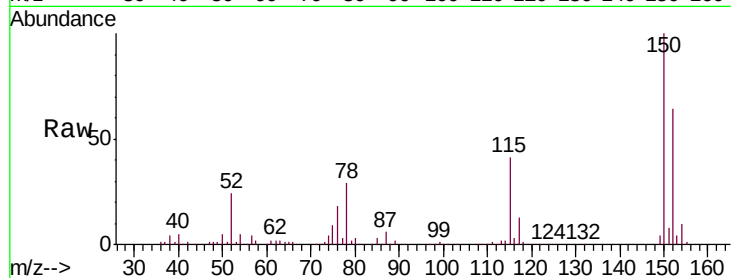
DBCS6

Tgt Ion: 75 Resp: 13958

Ion Ratio Lower Upper

75 100

77 36.6 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

