

Data File : VU036658.D
Acq On : 31 Jan 2020 22:37
Operator : JC/MD
Sample : L1326-07DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCS9DL

Quant Time: Feb 01 00:25:22 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	282560	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	261981	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	105161	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	125376	48.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.34%
7) Chloroethane-d5	1.92	69	100793	48.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.18%
11) 1,1-Dichloroethene-d2	2.59	63	150106	37.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.46%
21) 2-Butanone-d5	4.68	46	151494	95.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.52%
24) Chloroform-d	5.11	84	178698	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.64%
26) 1,2-Dichloroethane-d4	5.75	65	123749	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.00%
32) Benzene-d6	5.77	84	394913	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.56%
36) 1,2-Dichloropropane-d6	6.73	67	131400	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.82%
41) Toluene-d8	7.93	98	361354	49.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.76%
43) trans-1,3-Dichloropropene-	8.21	79	59494	46.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.84%
47) 2-Hexanone-d5	8.67	63	143490	98.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.76%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	177587	47.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.86%
64) 1,2-Dichlorobenzene-d4	12.21	152	111011	50.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.18%

Target Compounds

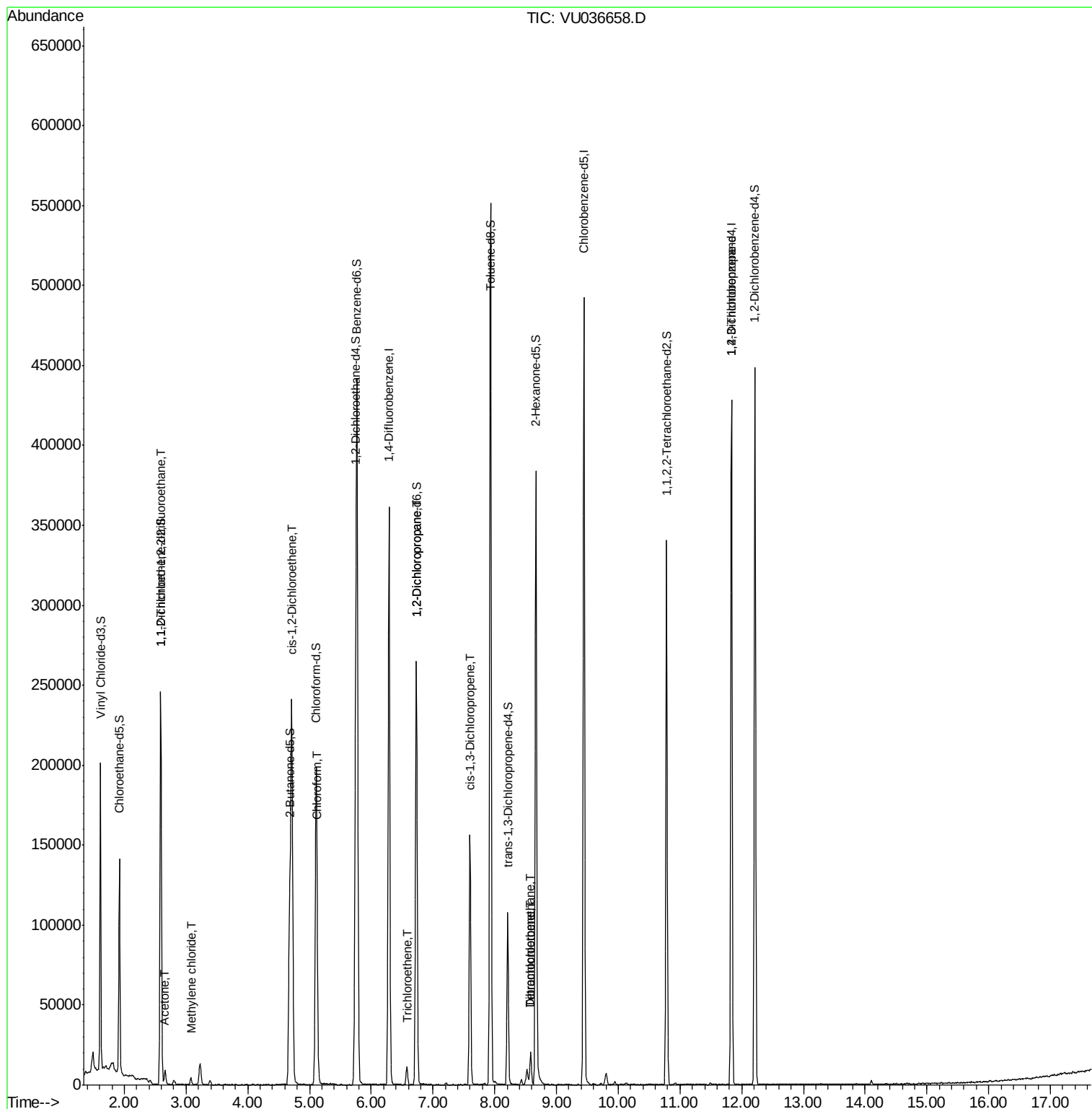
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1396	0.792 ug/L #	22
13) Acetone	2.66	43	9593	7.113 ug/L	94
16) Methylene chloride	3.08	84	1962	0.871 ug/L	86
20) cis-1,2-Dichloroethene	4.71	96	113920	51.779 ug/L	100
25) Chloroform	5.13	83	8306	2.271 ug/L	93
34) Trichloroethene	6.58	95	4049	1.994 ug/L	85
37) 1,2-Dichloropropane	6.73	63	13907	6.145 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	3633	1.014 ug/L #	44
46) Tetrachloroethene	8.58	164	4231	2.831 ug/L	98
49) Dibromochloromethane	8.58	129	4071	2.026 ug/L #	12
59) 1,2,3-Trichloropropane	11.83	75	14897	4.959 ug/L #	87

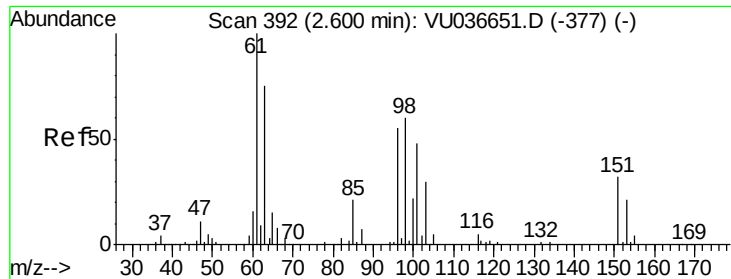
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.792 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU036658.D

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DBCS9DL

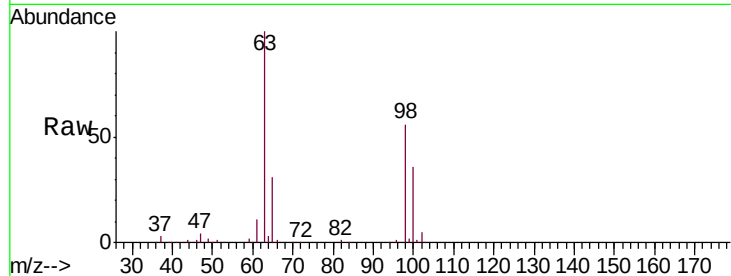
Tgt Ion:101 Resp: 1396

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

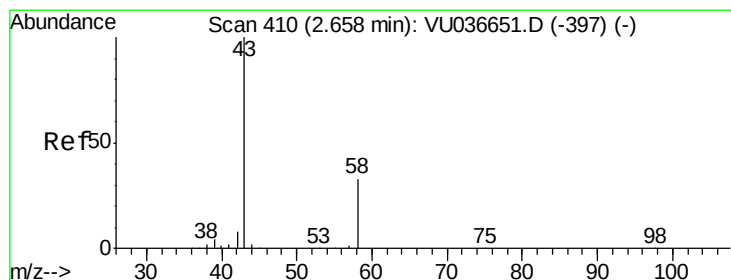
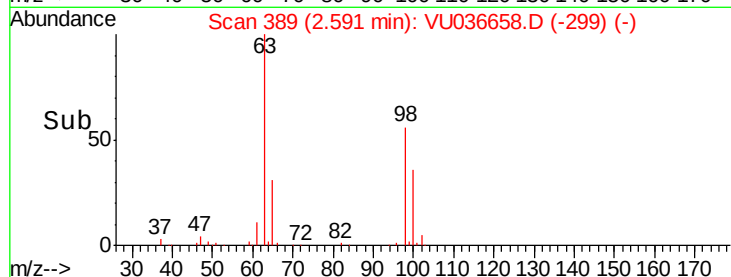
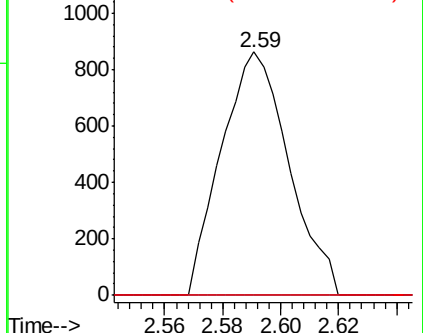
151 0.0 54.7 82.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 7.113 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU036658.D

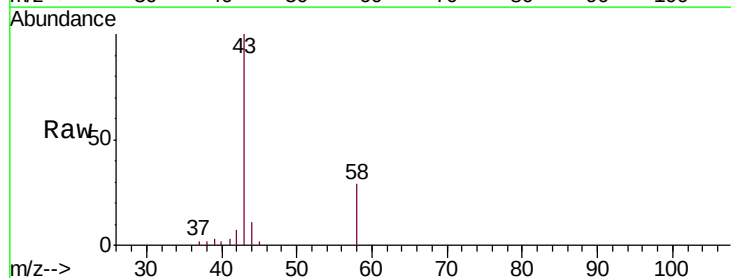
Acq: 31 Jan 2020 22:37

Tgt Ion: 43 Resp: 9593

Ion Ratio Lower Upper

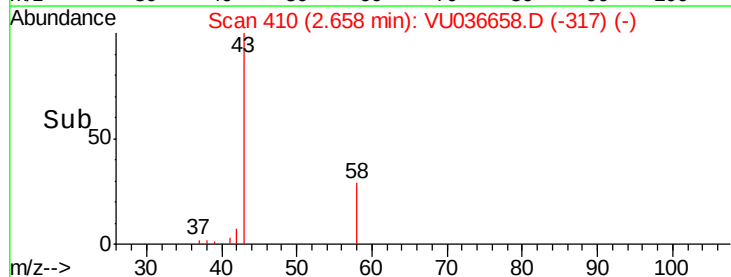
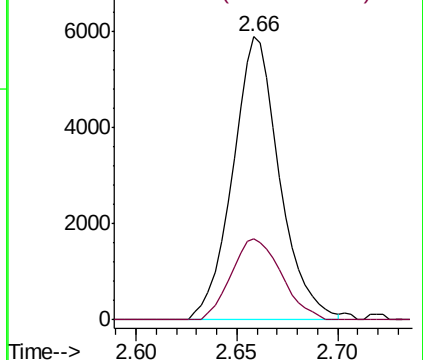
43 100

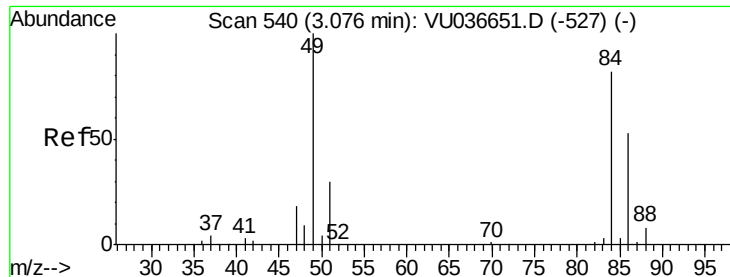
58 30.6 0.0 67.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

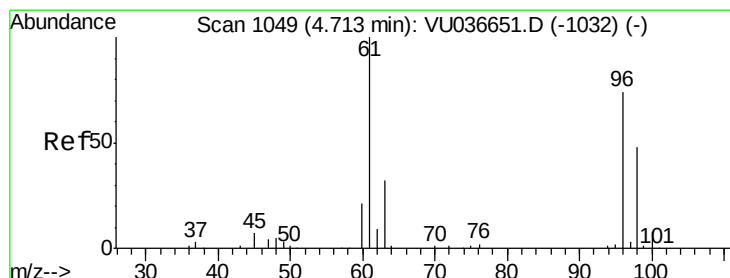
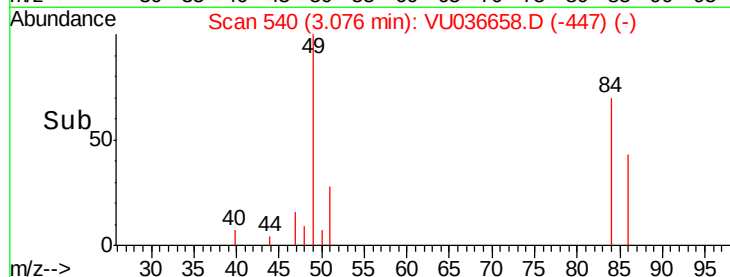
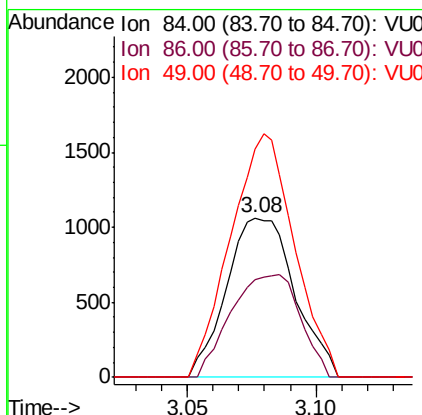
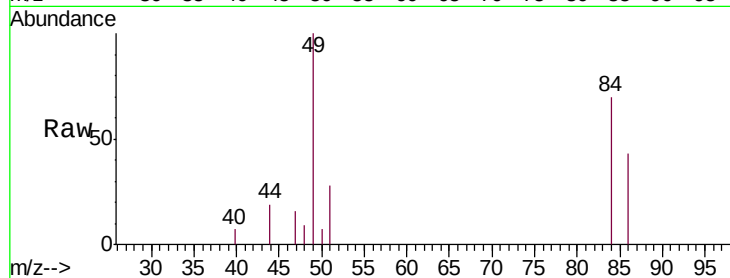




#16
Methylene chloride
Concen: 0.871 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU036658.D
Acq: 31 Jan 2020 22:37

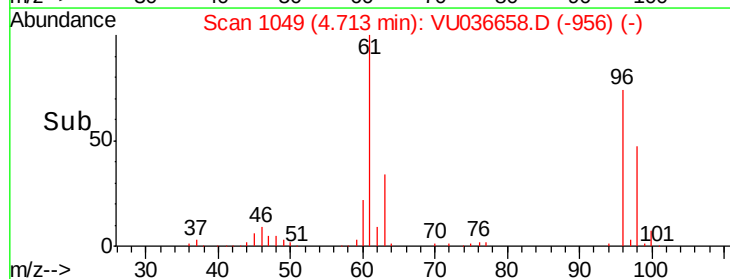
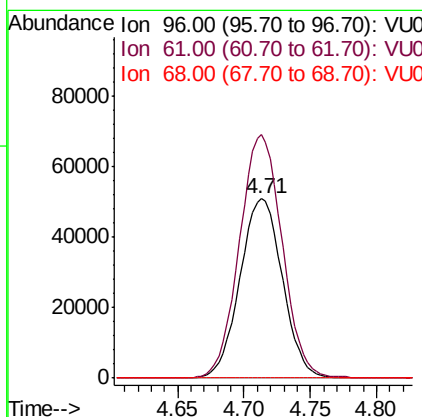
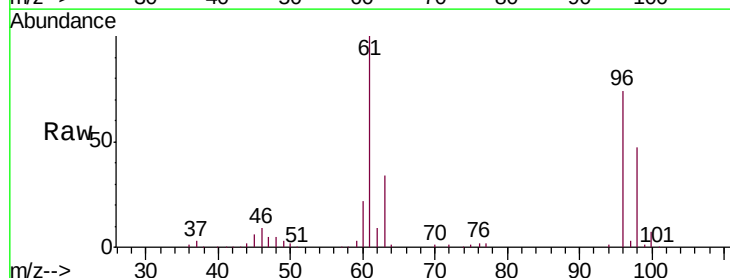
Instrument :
MSVOA_U
ClientSampleId :
DBCS9DL

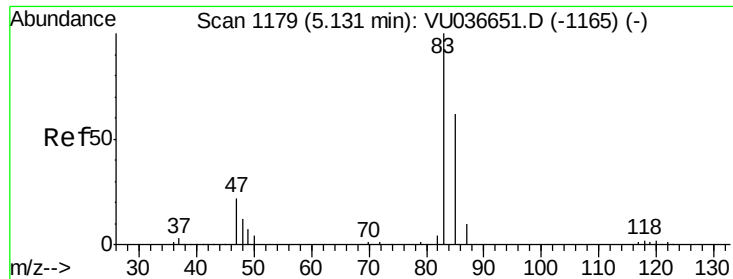
Tgt Ion: 84 Resp: 1962
Ion Ratio Lower Upper
84 100
86 61.7 45.1 83.9
49 143.1 85.3 158.3



#20
cis-1,2-Dichloroethene
Concen: 51.779 ug/L
RT: 4.71 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU036658.D
Acq: 31 Jan 2020 22:37

Tgt Ion: 96 Resp: 113920
Ion Ratio Lower Upper
96 100
61 135.8 94.9 176.3
68 0.0 0.0 0.0

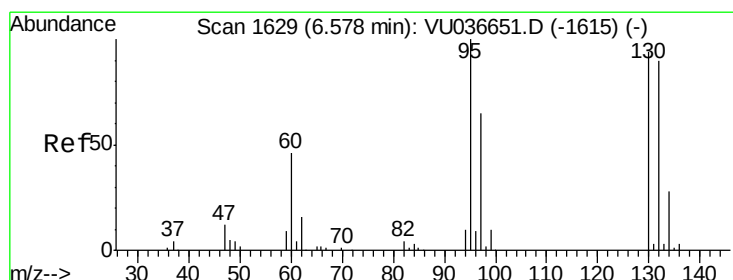
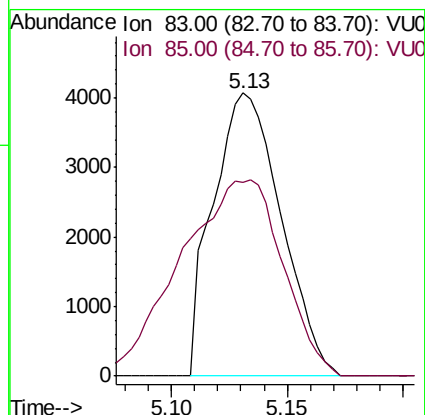
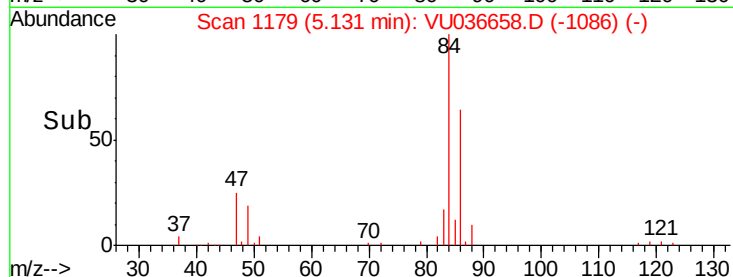
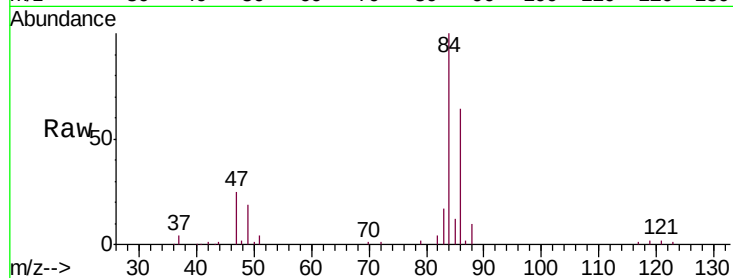




#25
Chloroform
Concen: 2.271 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU036658.D
Acq: 31 Jan 2020 22:37

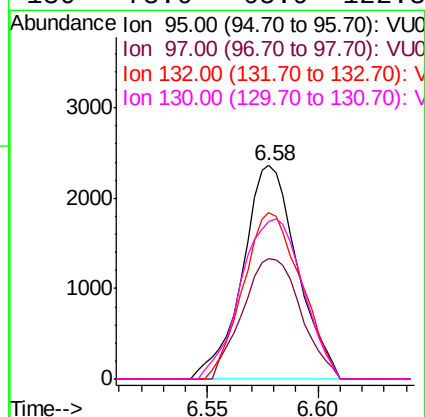
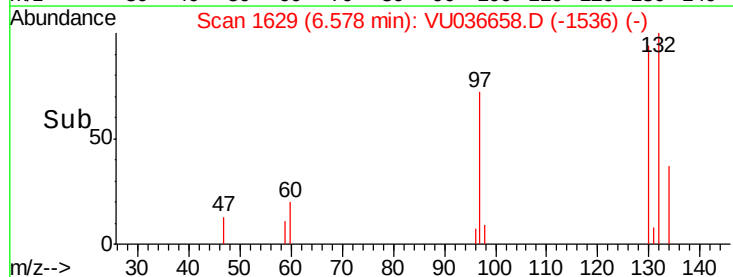
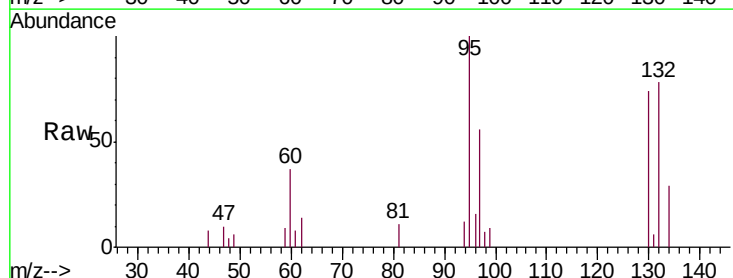
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ClientSampleId :
DBCS9DL

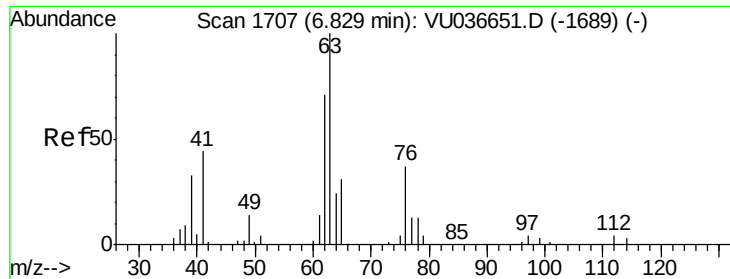
Tgt Ion: 83 Resp: 8306
Ion Ratio Lower Upper
83 100
85 68.6 44.3 82.3



#34
Trichloroethene
Concen: 1.994 ug/L
RT: 6.58 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VU036658.D
Acq: 31 Jan 2020 22:37

Tgt Ion: 95 Resp: 4049
Ion Ratio Lower Upper
95 100
97 56.4 45.4 84.4
132 78.1 63.2 117.4
130 73.6 65.9 122.3

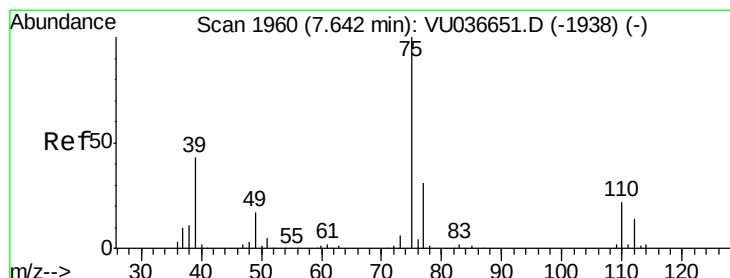
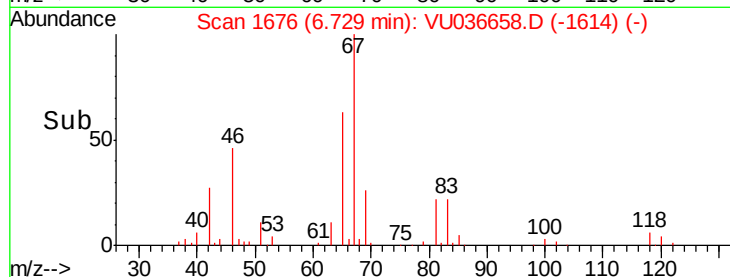
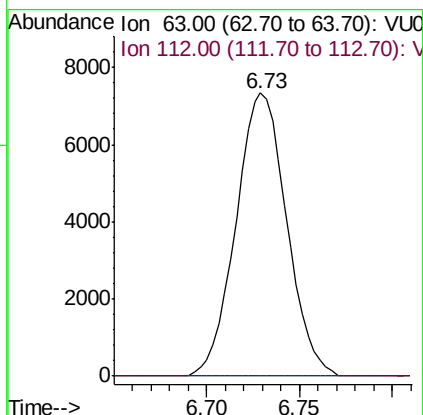
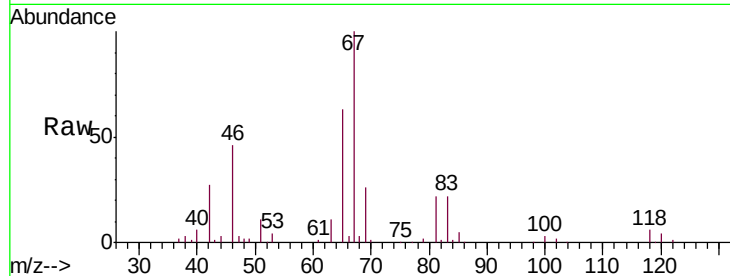




#37
 1,2-Dichloropropane
 Concen: 6.145 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036658.D
 Acq: 31 Jan 2020 22:37

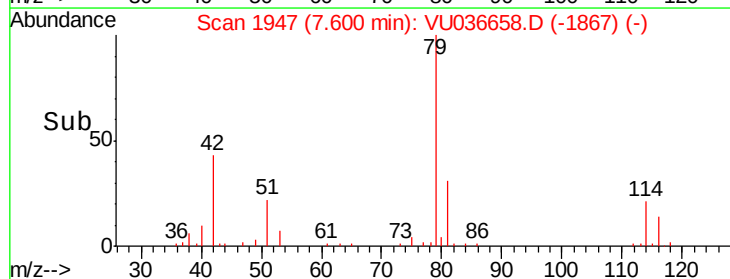
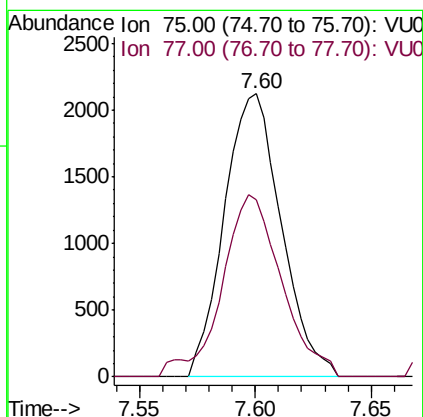
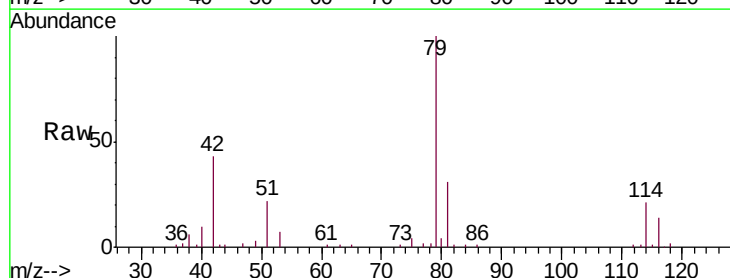
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 MSVOA_U
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 DBCS9DL

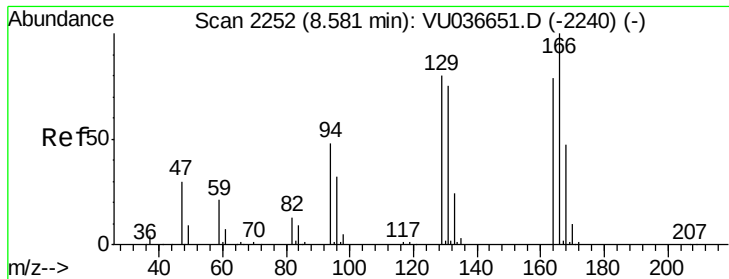
Tgt Ion: 63 Resp: 13907
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.014 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036658.D
 Acq: 31 Jan 2020 22:37

Tgt Ion: 75 Resp: 3633
 Ion Ratio Lower Upper
 75 100
 77 62.5 22.0 41.0#

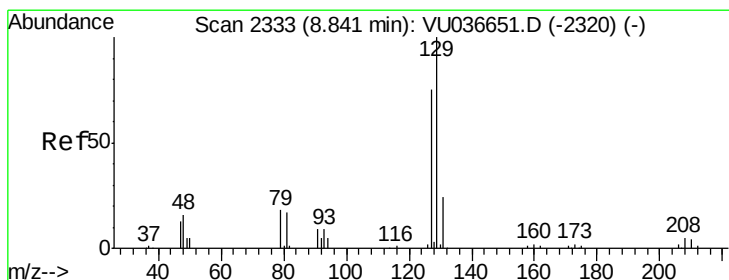
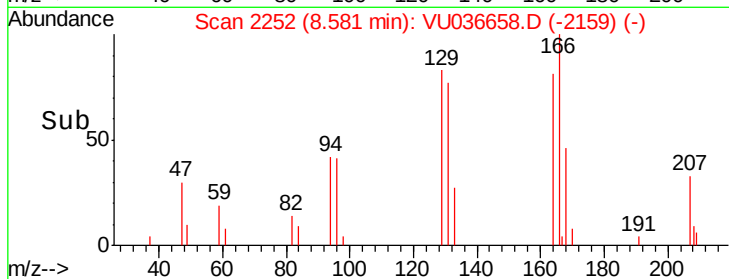
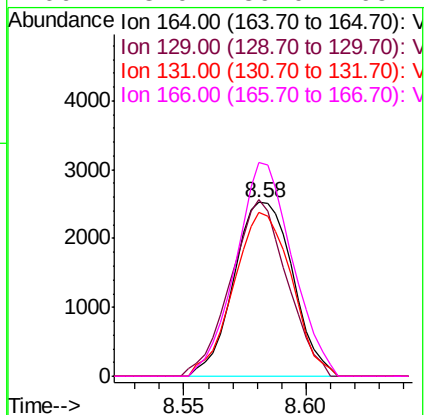
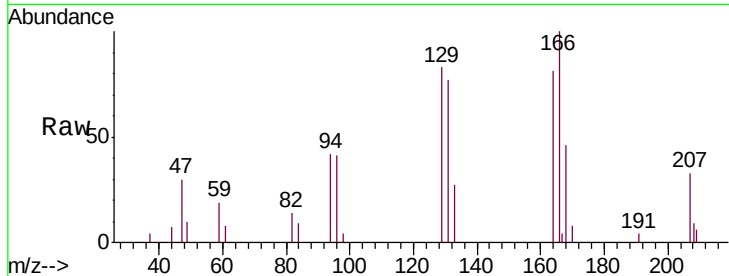




#46
Tetrachloroethene
Concen: 2.831 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. 0.00 min
Lab File: VU036658.D
Acq: 31 Jan 2020 22:37

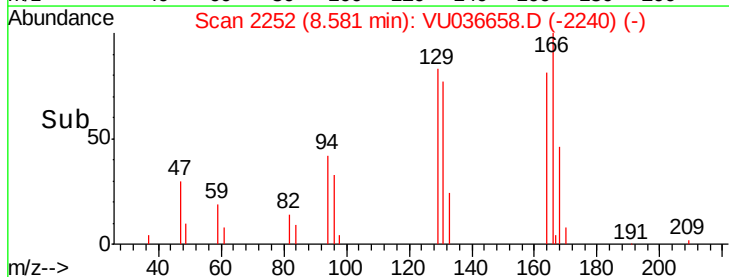
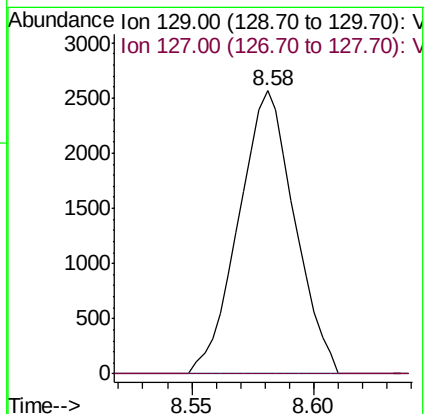
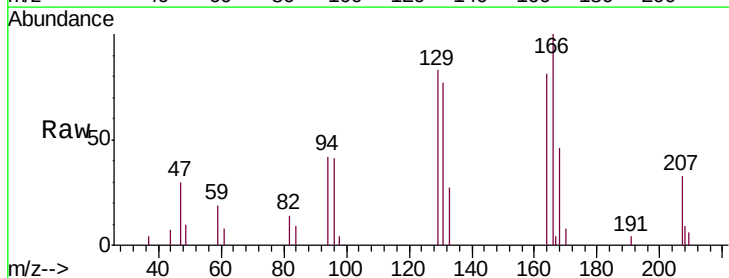
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MSVOA_U
ClientSampleId :
DBCS9DL

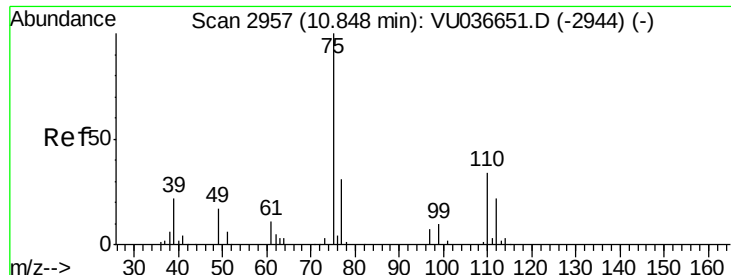
Tgt Ion:	164	Resp:	4231
Ion	Ratio	Lower	Upper
164	100		
129	101.6	71.1	132.1
131	94.2	66.9	124.3
166	123.0	89.0	165.4



#49
Dibromochloromethane
Concen: 2.026 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.26 min
Lab File: VU036658.D
Acq: 31 Jan 2020 22:37

Tgt Ion:	129	Resp:	4071
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.4	97.2#





#59

1,2,3-Trichloropropane

Concen: 4.959 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036658.D

Acq: 31 Jan 2020 22:37

Instrument :

MSVOA_U

ClientSampleId :

DBCS9DL

Tgt Ion: 75 Resp: 14897

Ion Ratio Lower Upper

75 100

77 38.7 25.2 37.8#

