

Data File : VU036813.D
Acq On : 17 Feb 2020 16:34
Operator : JC/MD
Sample : L1487-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCT4

Quant Time: Feb 18 00:49:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 18 00:46:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	116832	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	109807	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	43038	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	38466	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.93	69	38371	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.59	63	52824	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.67	46	104780	49.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.46%
24) Chloroform-d	5.11	84	68201	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.74	65	41143	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.76	84	153678	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.73	67	50859	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.92	98	139212	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.20	79	17218	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.66	63	90201	47.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.92%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	39191	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	42002	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

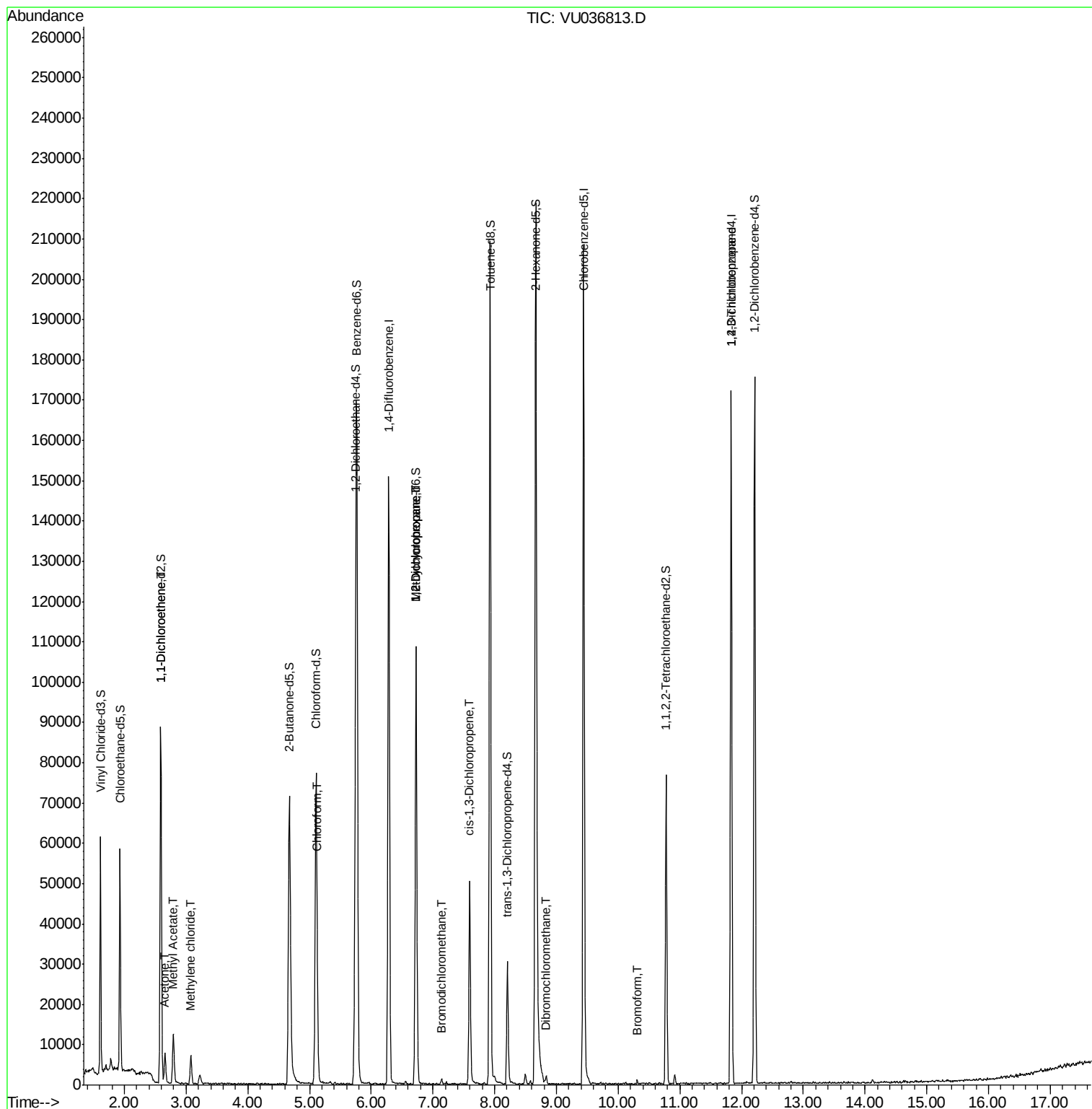
					Qvalue	
12) 1,1-Dichloroethene	2.59	96	464	0.065	ug/L #	1
13) Acetone	2.66	43	8696	3.228	ug/L	97
15) Methyl Acetate	2.79	43	3506	0.981	ug/L #	52
16) Methylene chloride	3.08	84	3322	0.277	ug/L	98
25) Chloroform	5.13	83	7005	0.427	ug/L	99
35) Methylcyclohexane	6.73	83	11467	0.838	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	5349	0.578	ug/L #	89
38) Bromodichloromethane	7.14	83	1037	0.094	ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1240	0.093	ug/L #	50
49) Dibromochloromethane	8.83	129	1076	0.162	ug/L	93
59) 1,2,3-Trichloropropane	11.83	75	6446	1.056	ug/L	91
61) Bromoform	10.31	173	439	0.148	ug/L #	71

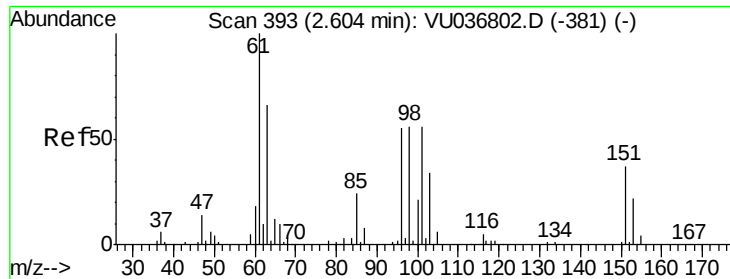
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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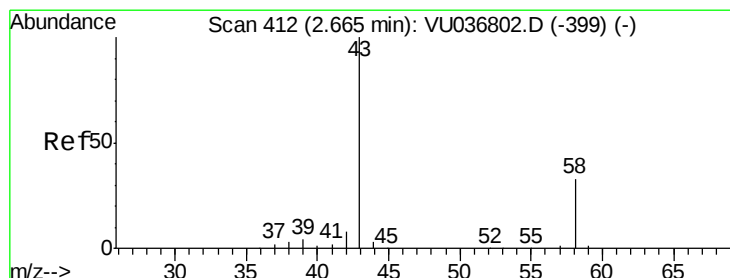
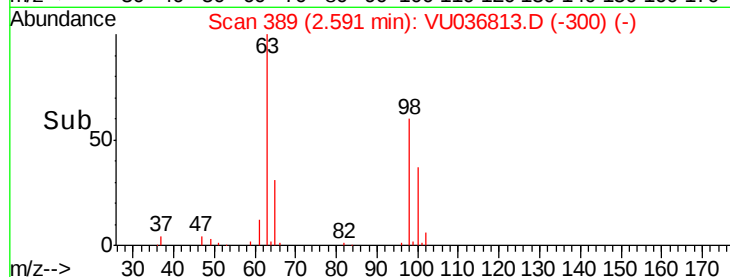
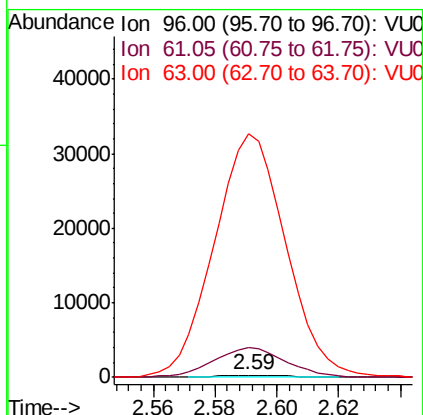
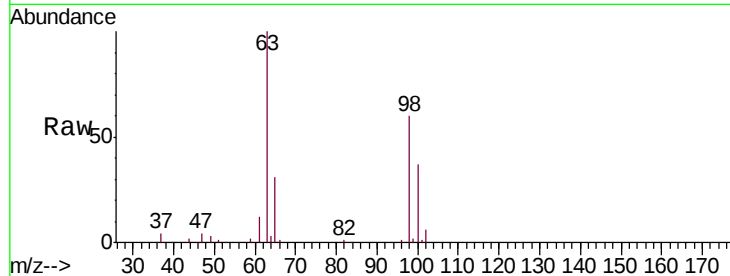




#12
 1,1-Dichloroethene
 Concen: 0.065 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: VU036813.D
 Acq: 17 Feb 2020 16:34

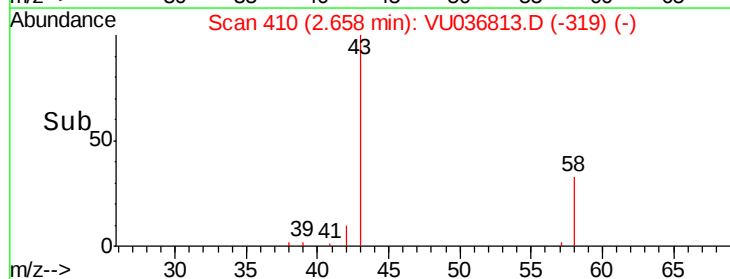
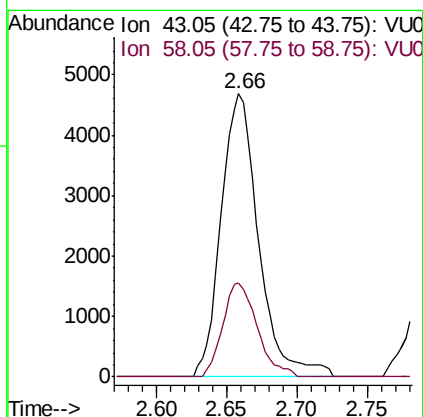
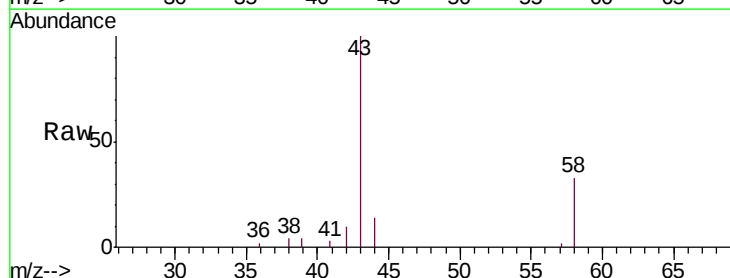
Instrument :
 MSVOA_U
 ClientSampleID :
 DBCT4

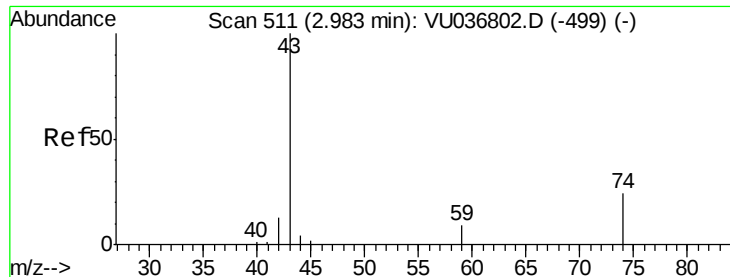
Tgt Ion: 96 Resp: 464
 Ion Ratio Lower Upper
 96 100
 61 1314.6 126.4 234.8#
 63 10813.2 89.5 166.3#



#13
 Acetone
 Concen: 3.228 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: VU036813.D
 Acq: 17 Feb 2020 16:34

Tgt Ion: 43 Resp: 8696
 Ion Ratio Lower Upper
 43 100
 58 30.5 0.0 64.2





#15

Methyl Acetate

Concen: 0.981 ug/L

RT: 2.79 min Scan# 452

Delta R.T. -0.19 min

Lab File: VU036813.D

Acq: 17 Feb 2020 16:34

Instrument :

MSVOA_U

ClientSampleId :

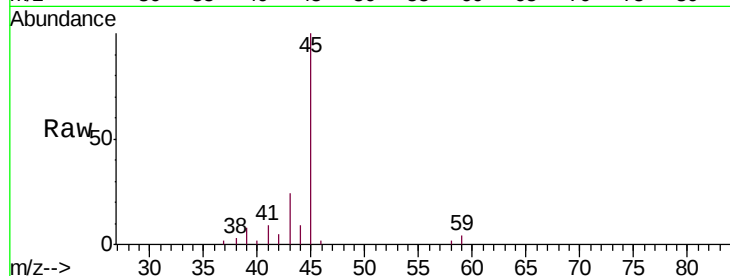
DBCT4

Tgt Ion: 43 Resp: 3506

Ion Ratio Lower Upper

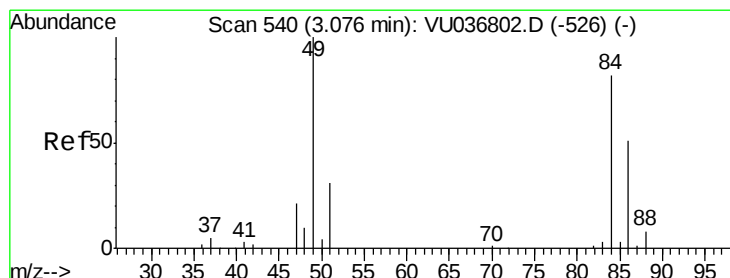
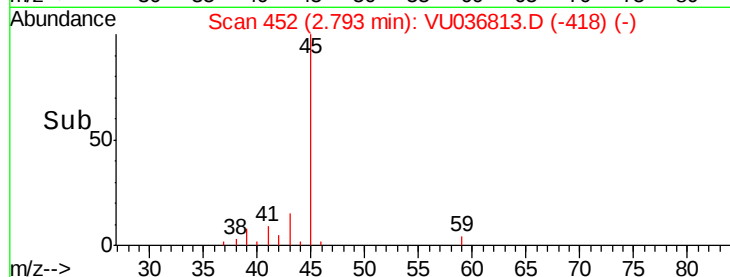
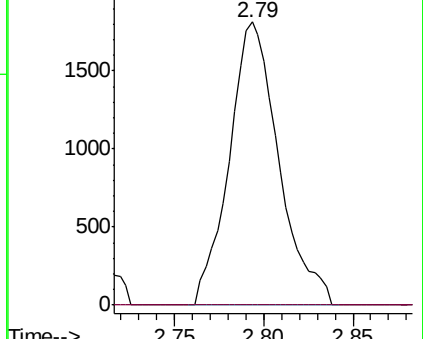
43 100

74 0.0 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VU036813.D (-418) (-)

Ion 74.05 (73.75 to 74.75): VU036813.D (-418) (-)



#16

Methylene chloride

Concen: 0.277 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU036813.D

Acq: 17 Feb 2020 16:34

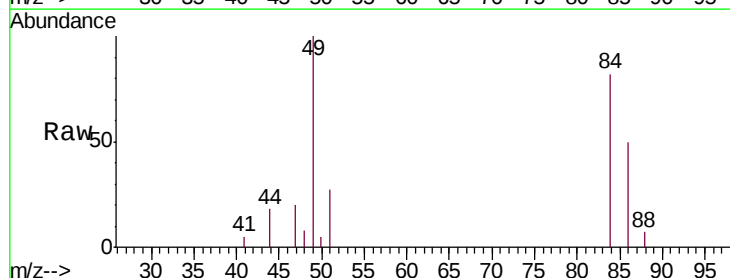
Tgt Ion: 84 Resp: 3322

Ion Ratio Lower Upper

84 100

86 61.4 44.7 82.9

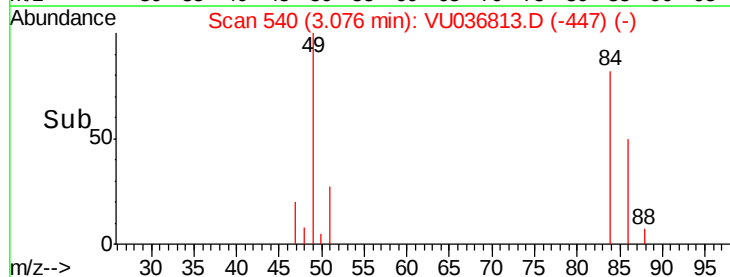
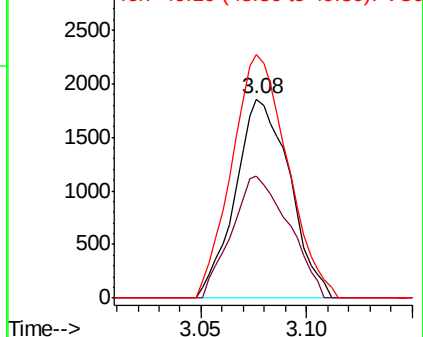
49 122.5 86.7 160.9

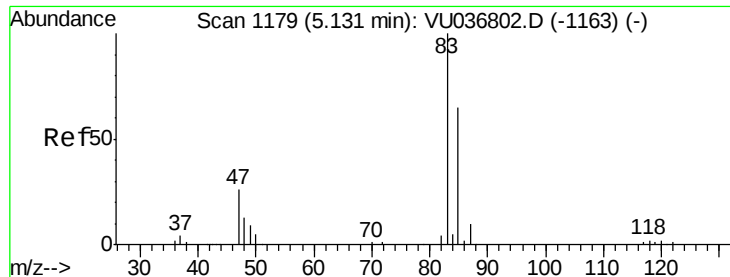


Abundance Ion 84.05 (83.75 to 84.75): VU036813.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU036813.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU036813.D (-447) (-)

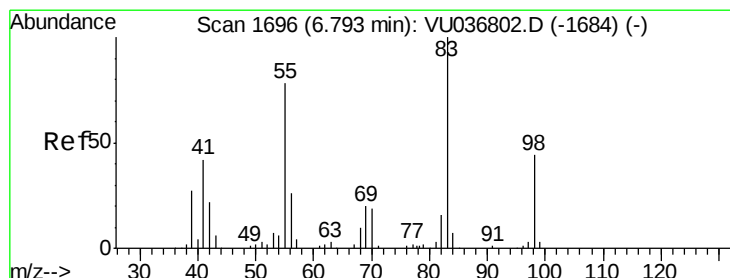
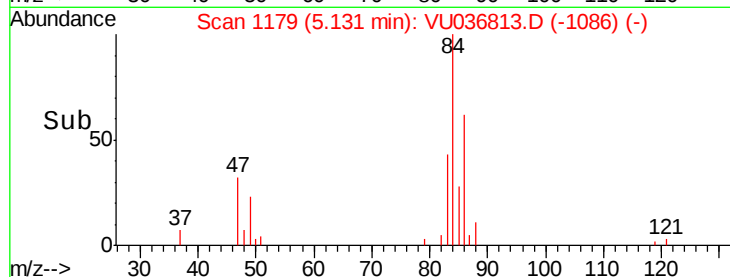
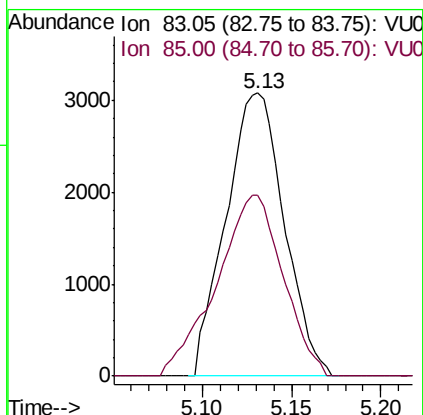
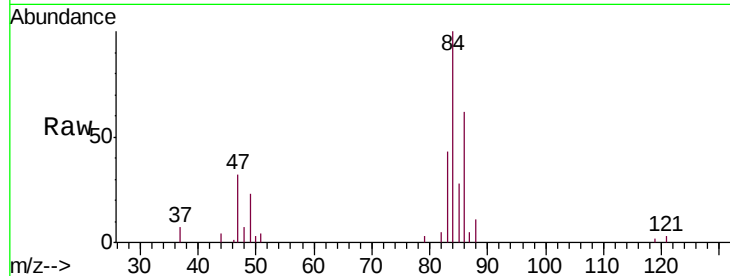




#25
Chloroform
Concen: 0.427 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU036813.D
Acq: 17 Feb 2020 16:34

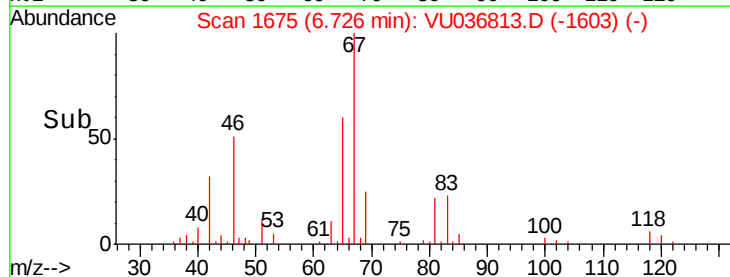
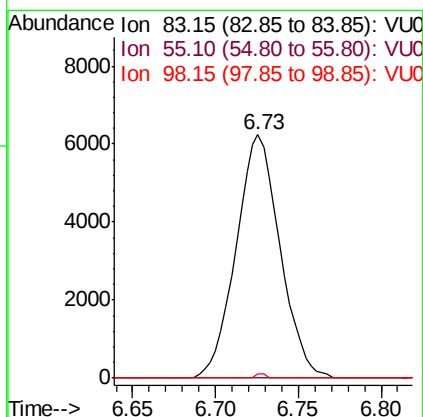
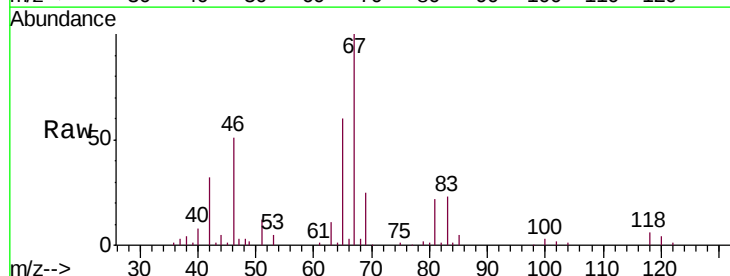
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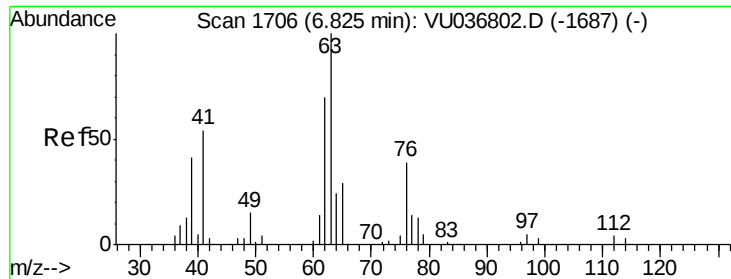
Tgt Ion: 83 Resp: 7005
Ion Ratio Lower Upper
83 100
85 64.1 45.4 84.2



#35
Methylcyclohexane
Concen: 0.838 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036813.D
Acq: 17 Feb 2020 16:34

Tgt Ion: 83 Resp: 11467
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.4 34.2 51.4#

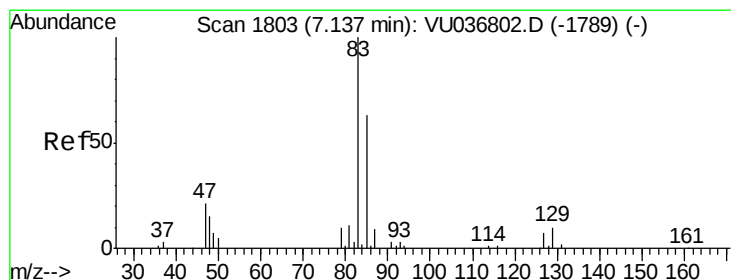
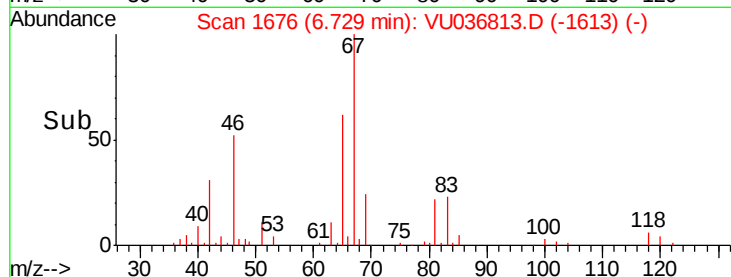
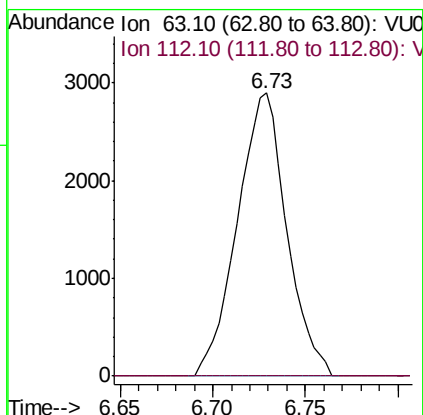
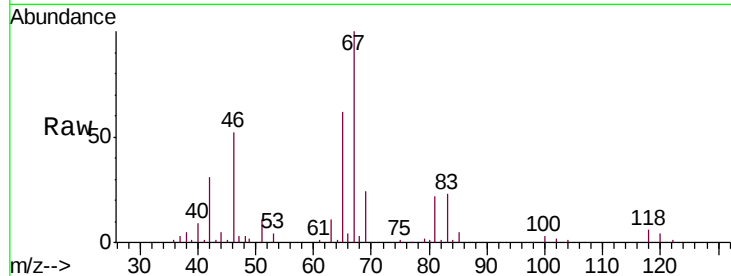




#37
 1,2-Dichloropropane
 Concen: 0.578 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036813.D
 Acq: 17 Feb 2020 16:34

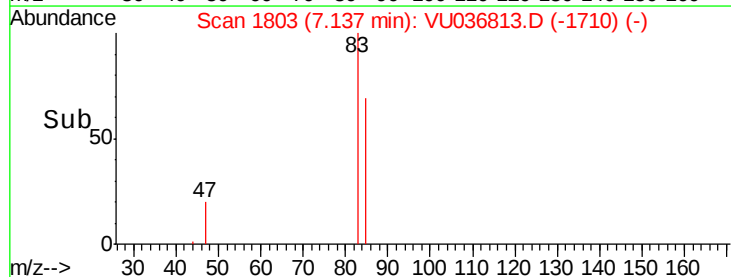
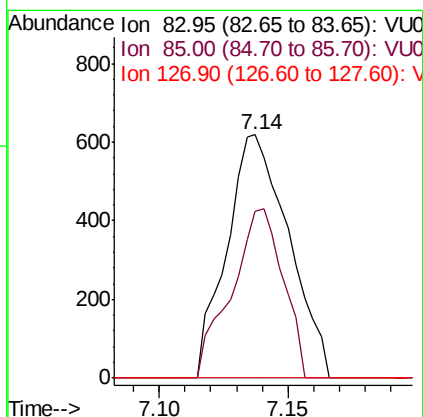
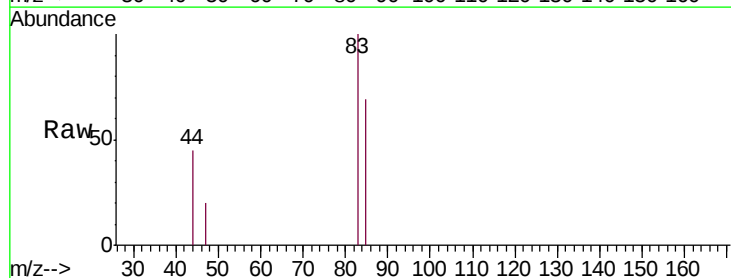
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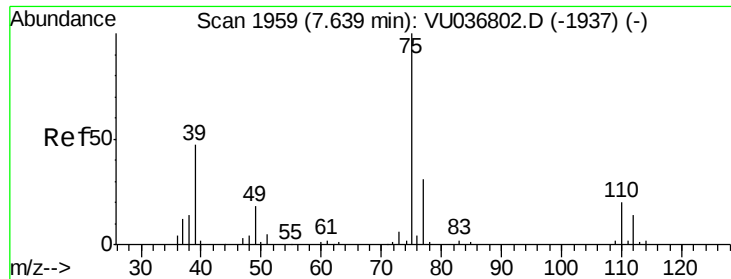
Tgt Ion: 63 Resp: 5349
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#38
 Bromodichloromethane
 Concen: 0.094 ug/L
 RT: 7.14 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VU036813.D
 Acq: 17 Feb 2020 16:34

Tgt Ion: 83 Resp: 1037
 Ion Ratio Lower Upper
 83 100
 85 68.7 43.0 80.0
 127 0.0 6.3 9.5#

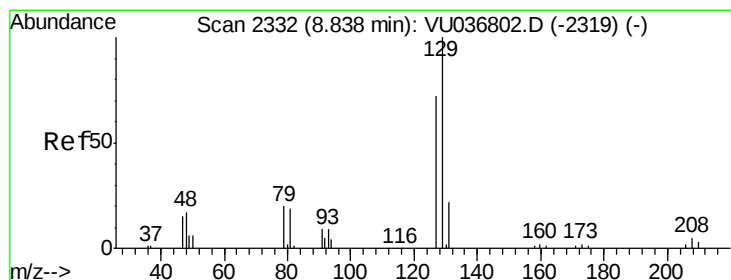
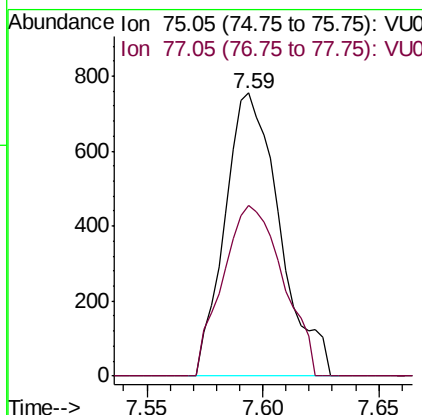
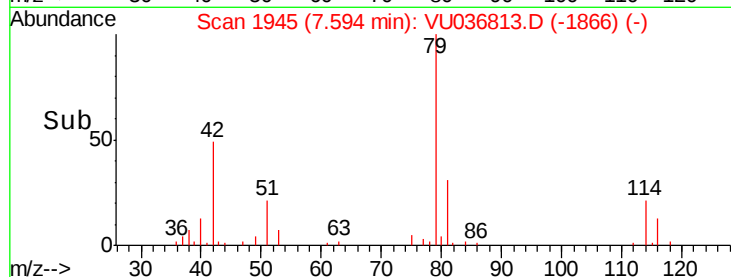
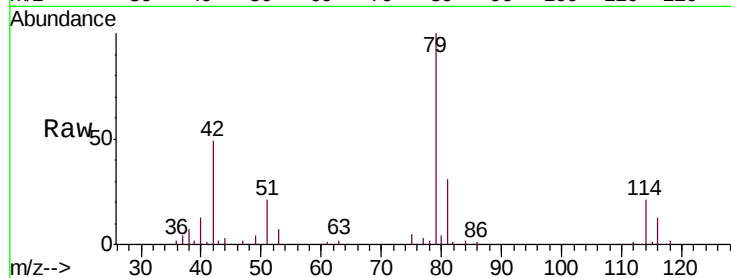




#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.05 min
 Lab File: VU036813.D
 Acq: 17 Feb 2020 16:34

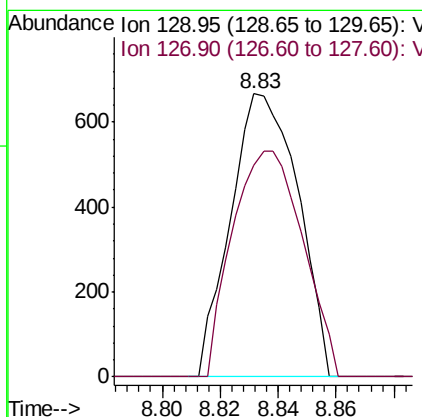
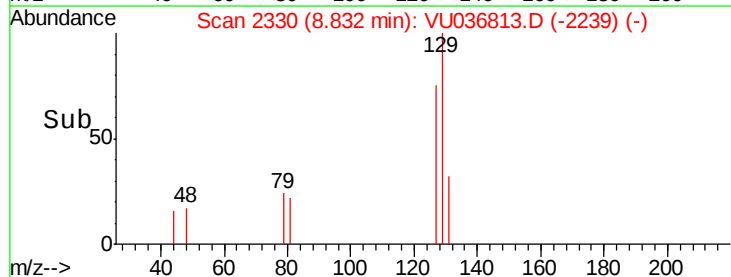
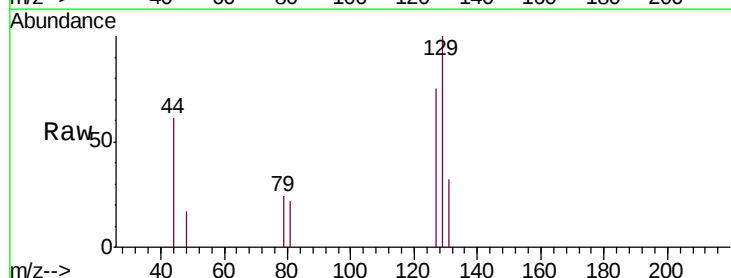
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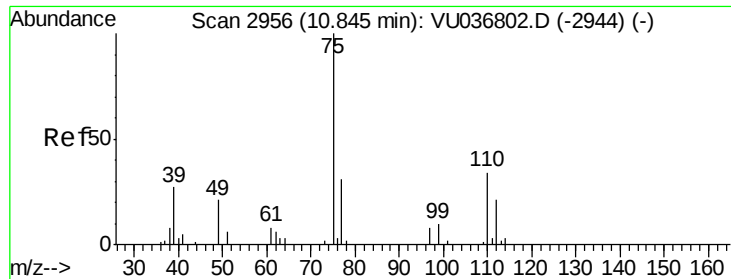
Tgt Ion: 75 Resp: 1240
 Ion Ratio Lower Upper
 75 100
 77 60.3 22.5 41.9#



#49
 Dibromochloromethane
 Concen: 0.162 ug/L
 RT: 8.83 min Scan# 2330
 Delta R.T. -0.01 min
 Lab File: VU036813.D
 Acq: 17 Feb 2020 16:34

Tgt Ion: 129 Resp: 1076
 Ion Ratio Lower Upper
 129 100
 127 74.8 56.7 105.3

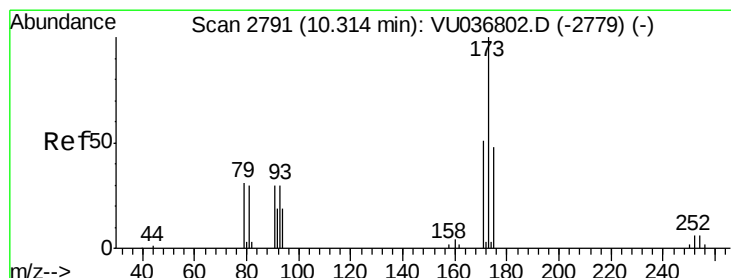
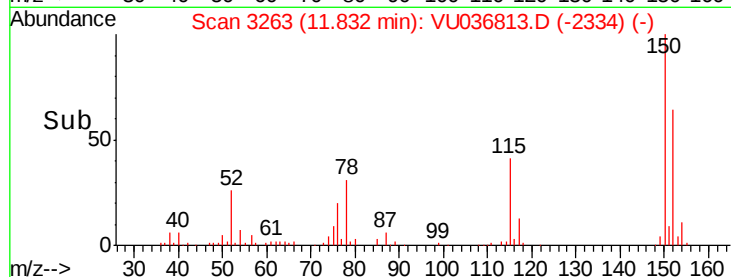
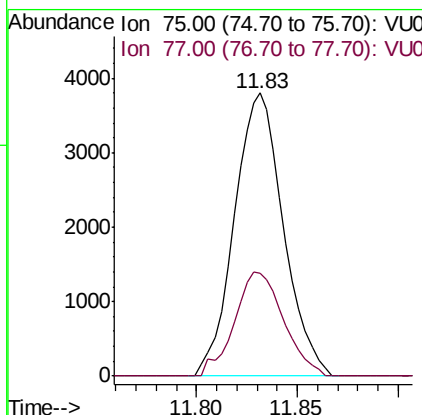
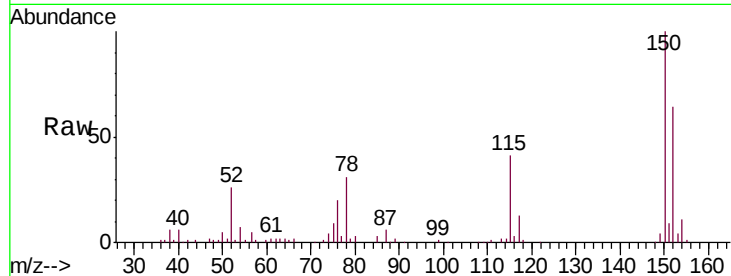




#59
 1,2,3-Trichloropropane
 Concen: 1.056 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.99 min
 Lab File: VU036813.D
 Acq: 17 Feb 2020 16:34

Instrument :
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 ClientSampleId :
 DBCT4

Tgt Ion: 75 Resp: 6446
 Ion Ratio Lower Upper
 75 100
 77 36.9 25.6 38.4



#61
 Bromoform
 Concen: 0.148 ug/L
 RT: 10.31 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VU036813.D
 Acq: 17 Feb 2020 16:34

Tgt Ion: 173 Resp: 439
 Ion Ratio Lower Upper
 173 100
 175 28.7 39.9 59.9#
 254 0.0 4.6 6.8#

