

Data File : VU036818.D
Acq On : 17 Feb 2020 18:38
Operator : JC/MD
Sample : L1540-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBD60

Quant Time: Feb 18 00:50:39 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	113038	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	105008	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	39941	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36873	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	1.93	69	37570	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.59	63	51296	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	4.67	46	109759	53.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.68%
24) Chloroform-d	5.11	84	68647	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.74	65	41321	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.77	84	151785	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.73	67	50201	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.92	98	133932	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.21	79	16281	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.66	63	89602	49.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.64%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	40025	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	41020	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

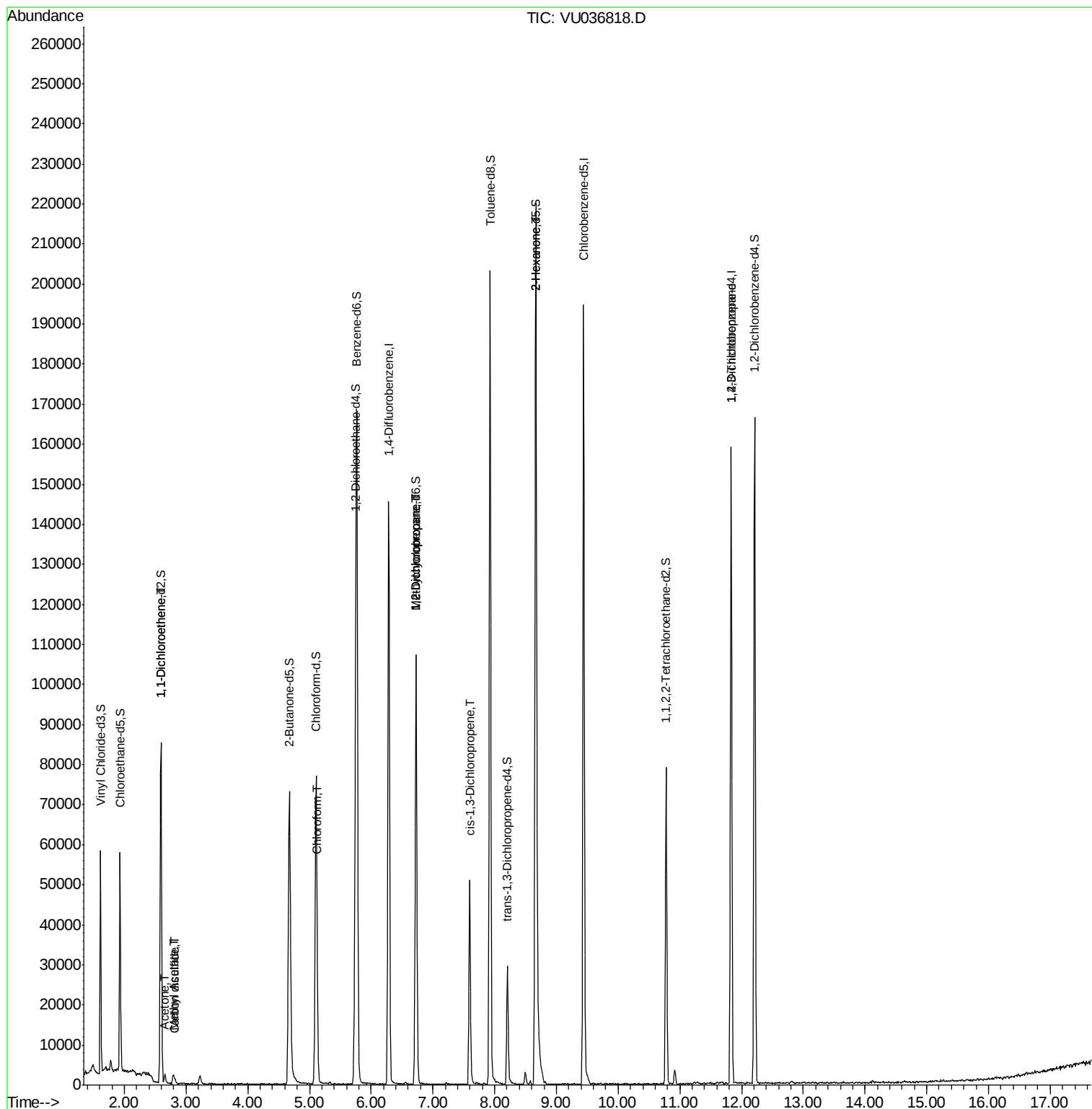
					Qvalue
12) 1,1-Dichloroethene	2.59	96	446	0.065 ug/L #	1
13) Acetone	2.66	43	2603	0.999 ug/L	91
14) Carbon disulfide	2.82	76	1229	0.074 ug/L #	75
15) Methyl Acetate	2.80	43	639	0.185 ug/L #	52
25) Chloroform	5.13	83	3579	0.225 ug/L	95
35) Methylcyclohexane	6.73	83	10972	0.838 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	5178	0.585 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1182	0.092 ug/L #	70
48) 2-Hexanone	8.66	43	10578	2.166 ug/L #	70
59) 1,2,3-Trichloropropane	11.83	75	6171	1.057 ug/L	94

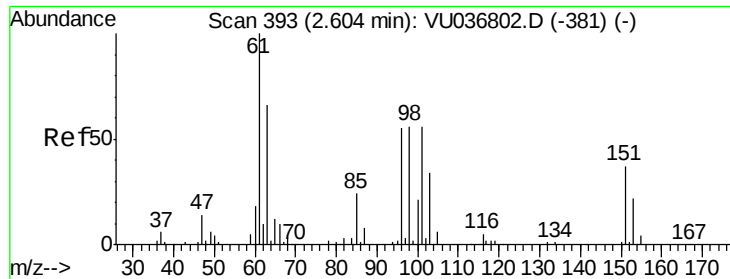
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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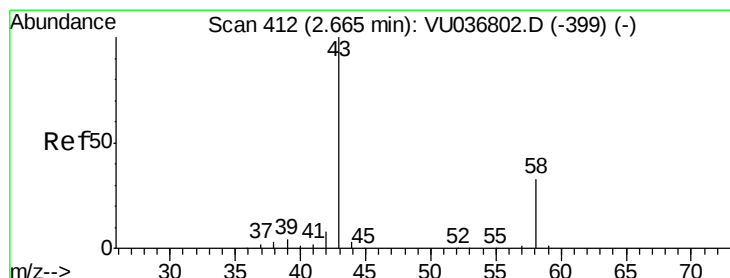
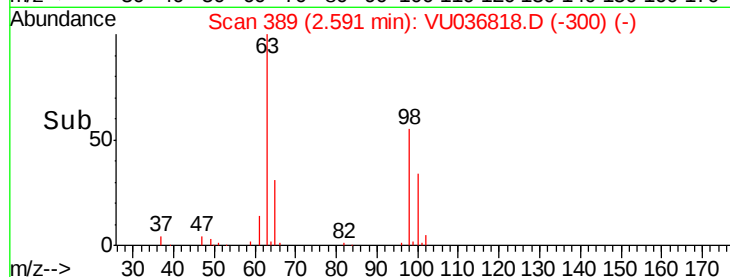
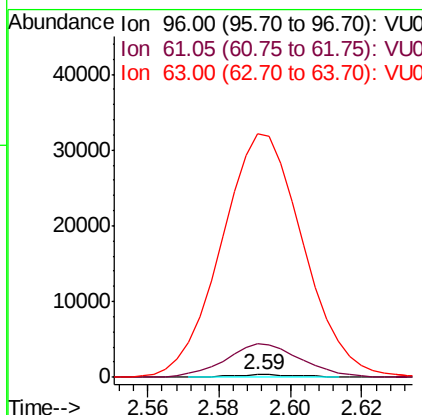
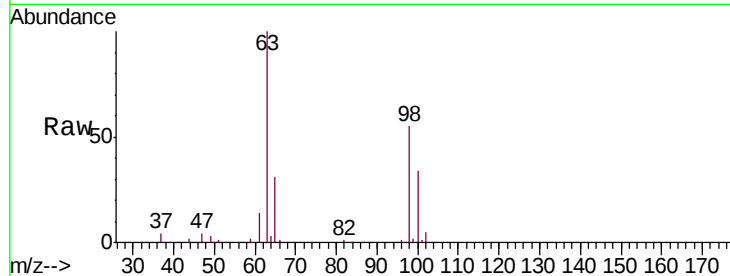




#12
 1,1-Dichloroethene
 Concen: 0.065 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: VU036818.D
 Acq: 17 Feb 2020 18:38

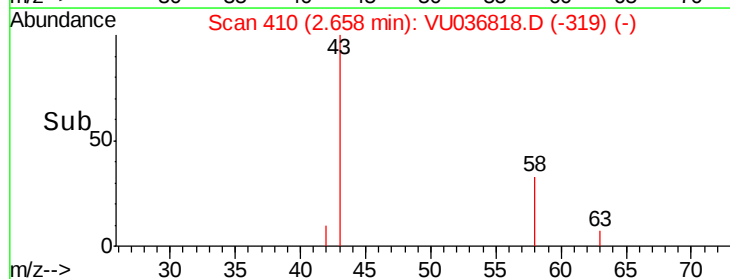
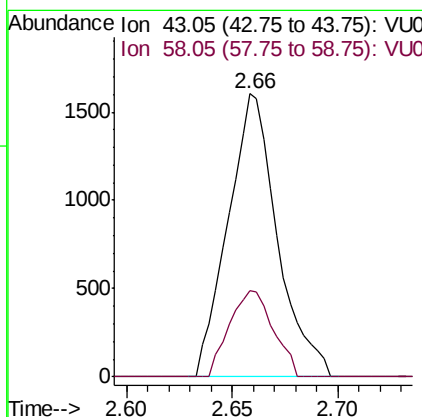
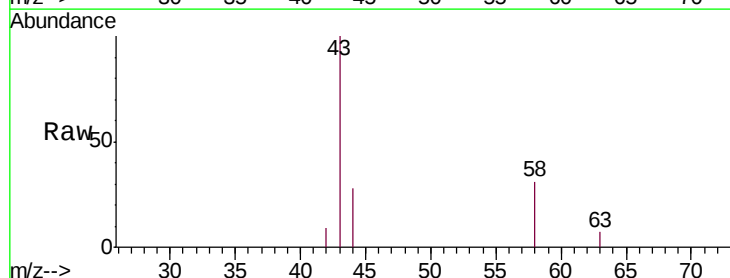
Instrument :
 MSVOA_U
 ClientSampleId :
 DBD60

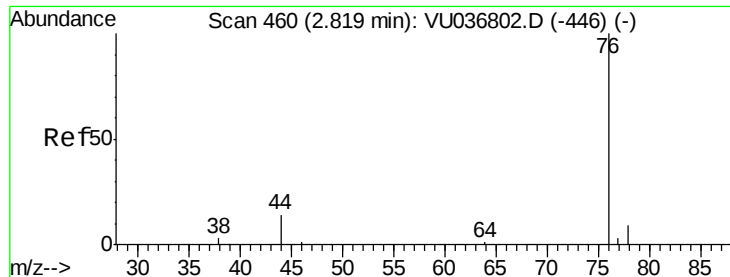
Tgt Ion: 96 Resp: 446
 Ion Ratio Lower Upper
 96 100
 61 1418.9 126.4 234.8#
 63 10300.0 89.5 166.3#



#13
 Acetone
 Concen: 0.999 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: VU036818.D
 Acq: 17 Feb 2020 18:38

Tgt Ion: 43 Resp: 2603
 Ion Ratio Lower Upper
 43 100
 58 26.9 0.0 64.2





#14

Carbon disulfide

Concen: 0.074 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU036818.D

Acq: 17 Feb 2020 18:38

Instrument :

MSVOA_U

ClientSampleId :

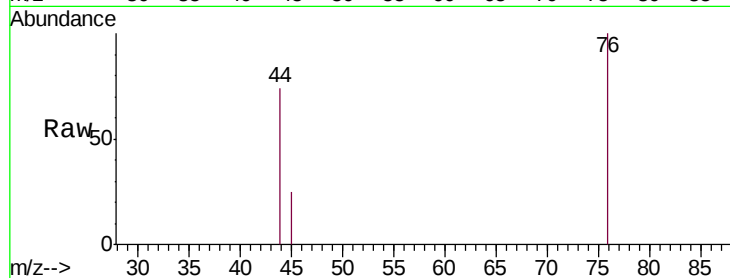
DBD60

Tgt Ion: 76 Resp: 1229

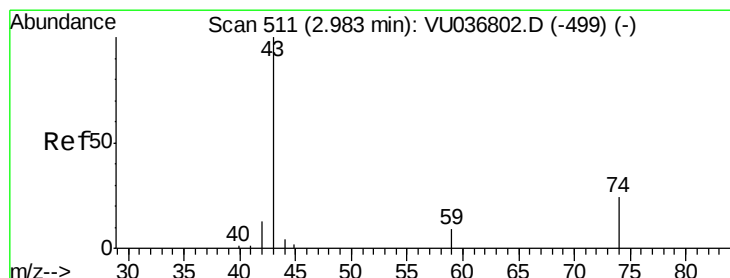
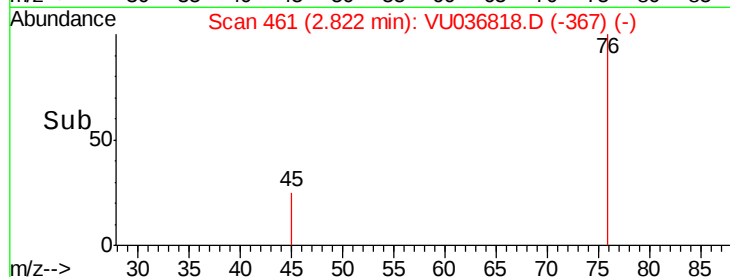
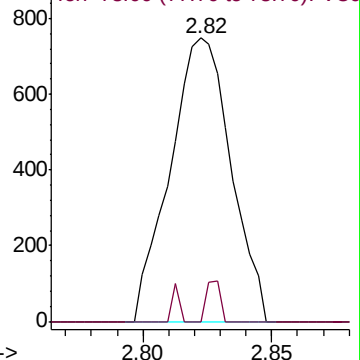
Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VU036818.D (-446) (-)



#15

Methyl Acetate

Concen: 0.185 ug/L

RT: 2.80 min Scan# 453

Delta R.T. -0.19 min

Lab File: VU036818.D

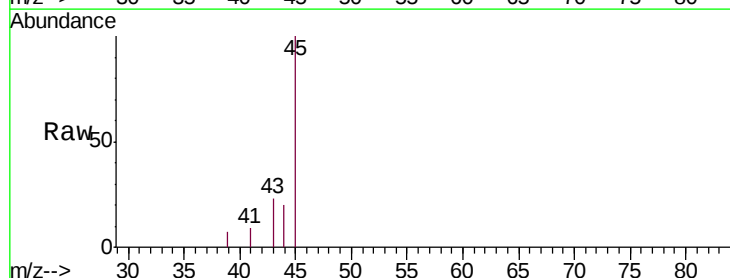
Acq: 17 Feb 2020 18:38

Tgt Ion: 43 Resp: 639

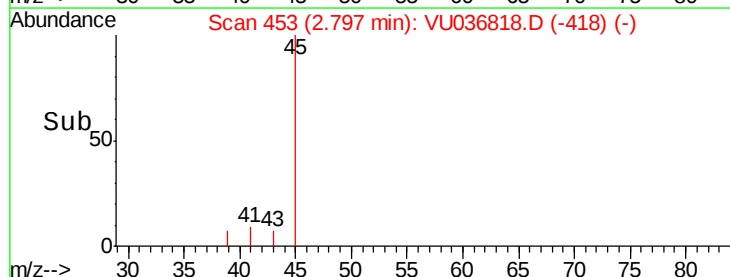
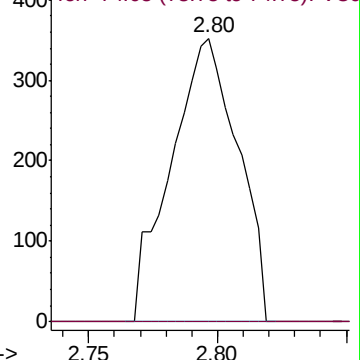
Ion Ratio Lower Upper

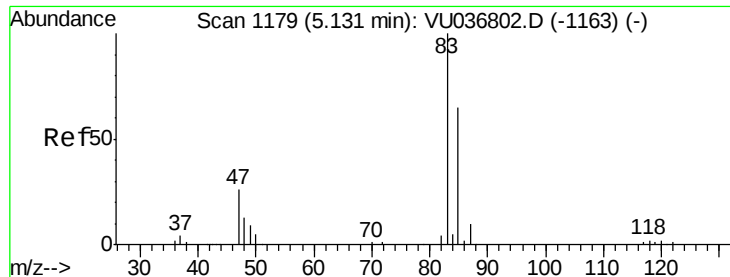
43 100

74 0.0 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VU036818.D (-418) (-)

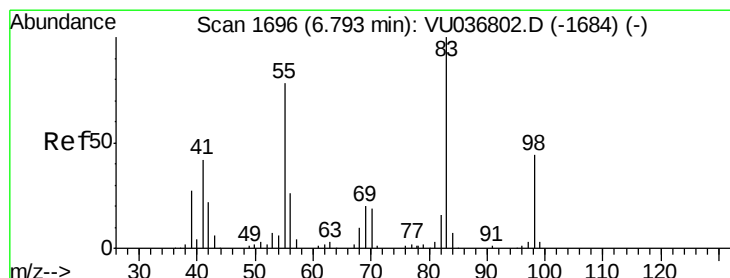
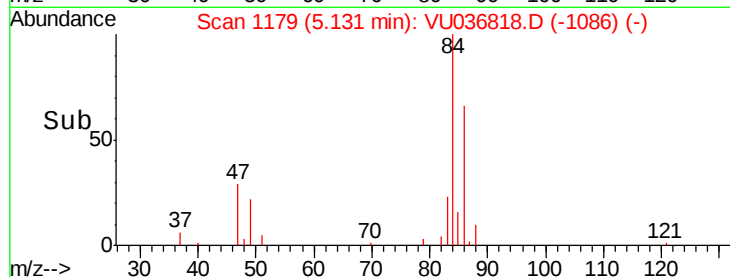
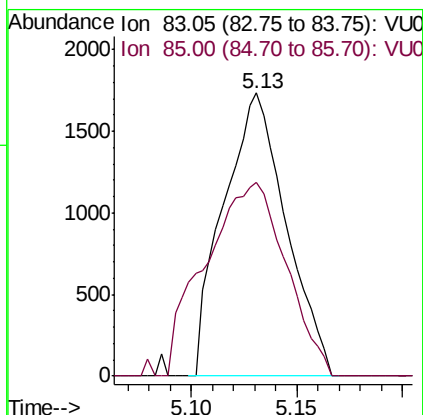
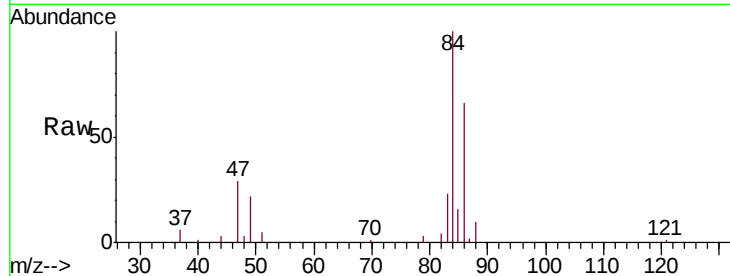




#25
Chloroform
Concen: 0.225 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU036818.D
Acq: 17 Feb 2020 18:38

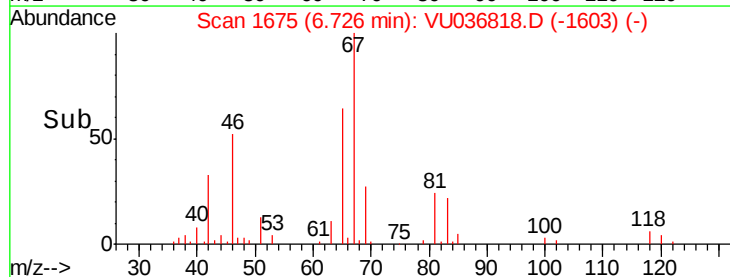
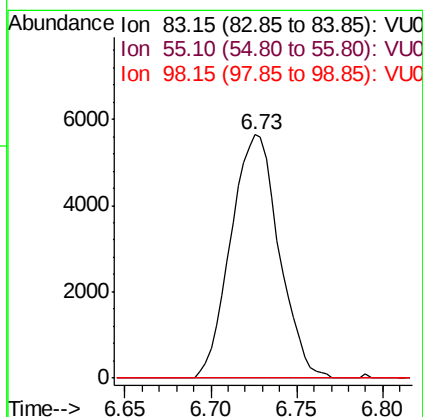
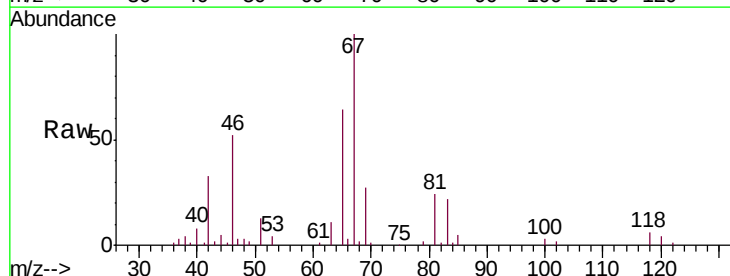
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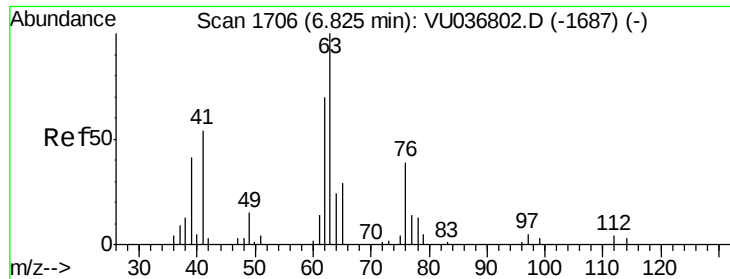
Tgt Ion: 83 Resp: 3579
Ion Ratio Lower Upper
83 100
85 68.6 45.4 84.2



#35
Methylcyclohexane
Concen: 0.838 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036818.D
Acq: 17 Feb 2020 18:38

Tgt Ion: 83 Resp: 10972
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.0 34.2 51.4#

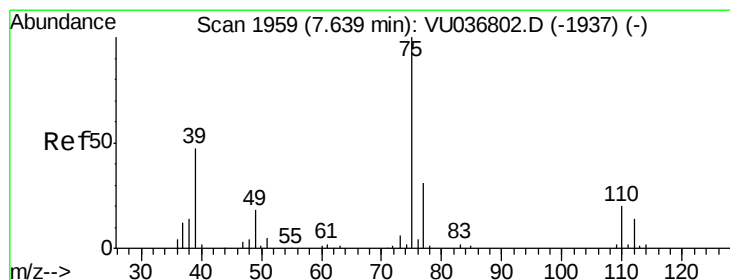
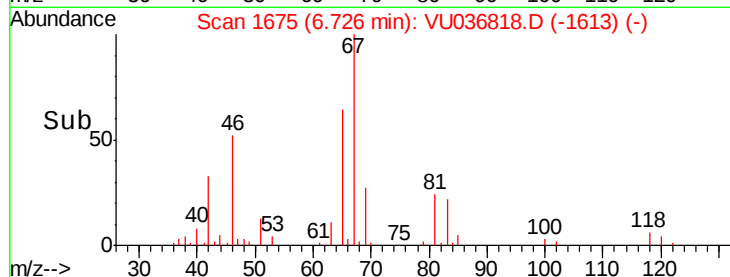
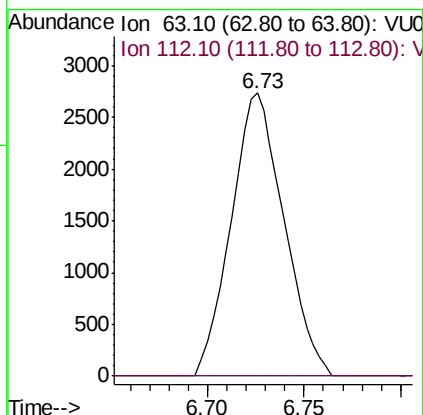
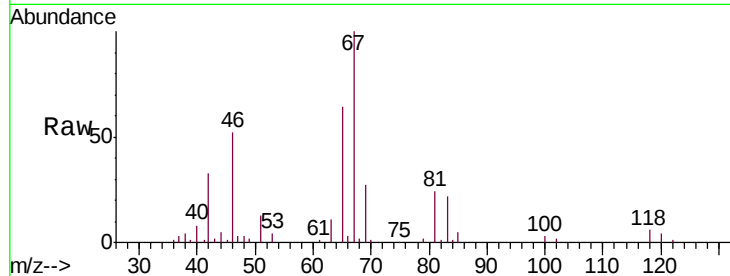




#37
 1,2-Dichloropropane
 Concen: 0.585 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036818.D
 Acq: 17 Feb 2020 18:38

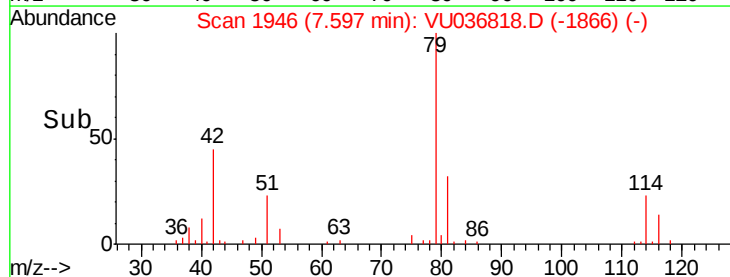
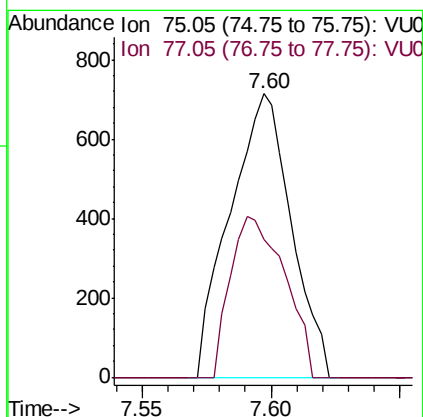
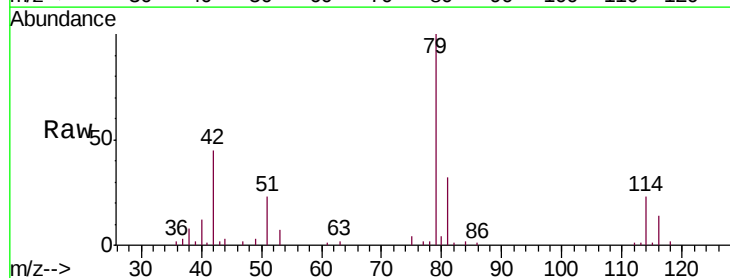
Instrument :
 MSVOA_U
 ClientSampleId :
 DBD60

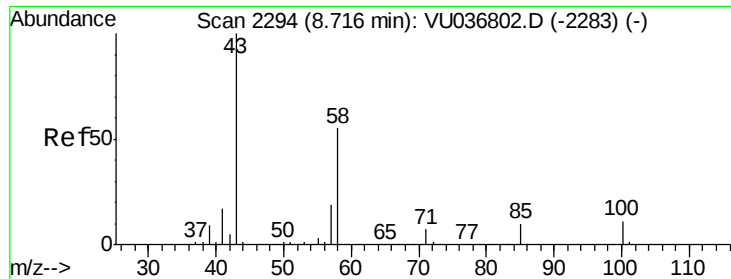
Tgt Ion: 63 Resp: 5178
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036818.D
 Acq: 17 Feb 2020 18:38

Tgt Ion: 75 Resp: 1182
 Ion Ratio Lower Upper
 75 100
 77 48.7 22.5 41.9#

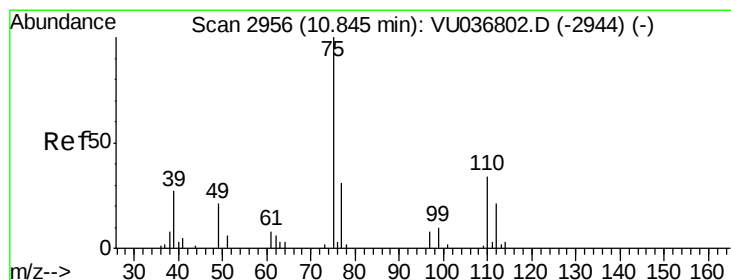
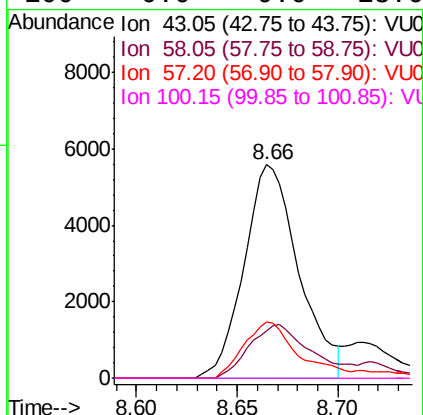
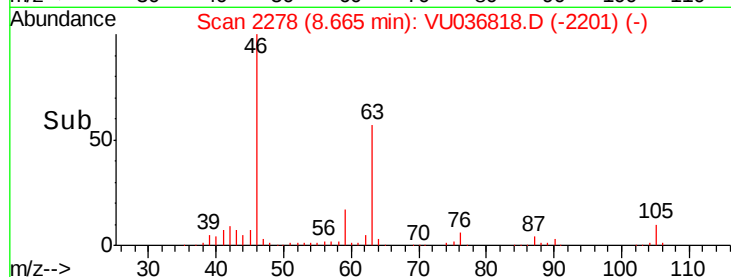
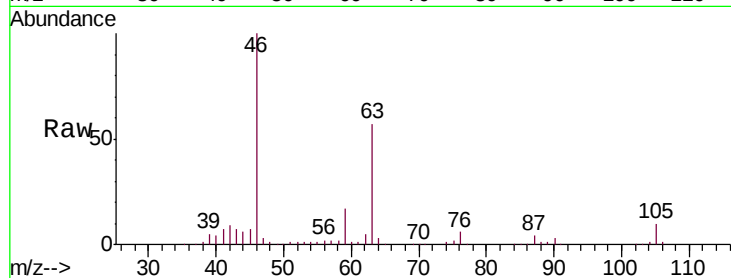




#48
 2-Hexanone
 Concen: 2.166 ug/L
 RT: 8.66 min Scan# 2278
 Delta R.T. -0.05 min
 Lab File: VU036818.D
 Acq: 17 Feb 2020 18:38

Instrument :
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 ClientSampleId :
 DBD60

Tgt Ion: 43 Resp: 10578
 Ion Ratio Lower Upper
 43 100
 58 29.1 43.6 65.4#
 57 26.3 15.0 22.4#
 100 0.0 9.0 13.6#



#59
 1,2,3-Trichloropropane
 Concen: 1.057 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.99 min
 Lab File: VU036818.D
 Acq: 17 Feb 2020 18:38

Tgt Ion: 75 Resp: 6171
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.6 38.4

