

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031420\
 Data File : VU037266.D
 Acq On : 14 Mar 2020 16:34
 Operator : JC/MD
 Sample : L1900-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Mar 16 05:19:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 16 05:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	127039	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	125639	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	53384	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35876	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.93	69	30690	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.59	63	51971	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	4.67	46	98125	45.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.98%
24) Chloroform-d	5.11	84	75123	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.74	65	46512	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.76	84	138055	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.72	67	45062	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.92	98	125061	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	8.20	79	17510	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.66	63	76799	45.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.50%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	36770	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	45422	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

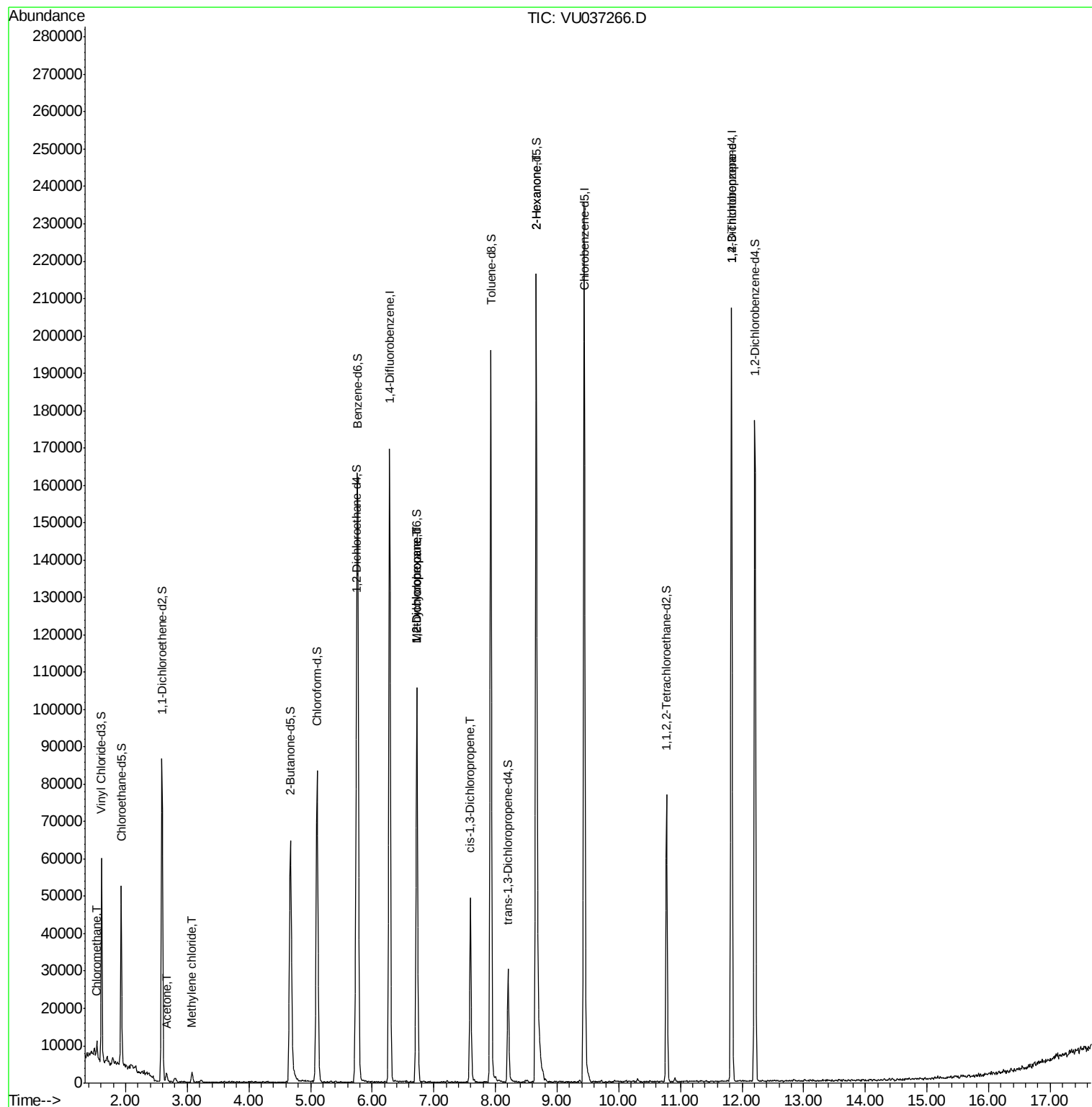
					Ovalue
3) Chloromethane	1.54	50	2860	0.205 ug/L	97
13) Acetone	2.66	43	2677	1.531 ug/L	98
16) Methylene chloride	3.08	84	1158	0.116 ug/L	84
35) Methylcyclohexane	6.72	83	10627	0.685 ug/L #	16
37) 1,2-Dichloropropane	6.73	63	5664	0.579 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1423	0.101 ug/L #	52
48) 2-Hexanone	8.66	43	10028	2.079 ug/L #	66
59) 1,2,3-Trichloropropane	11.83	75	7095	1.014 ug/L	95

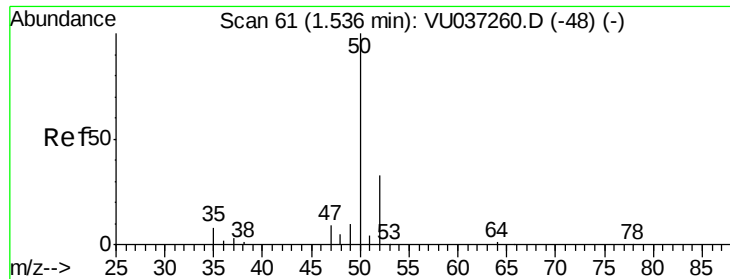
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.205 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU037266.D

Acq: 14 Mar 2020 16:34

Instrument :

MSVOA_U

ClientSampleId :

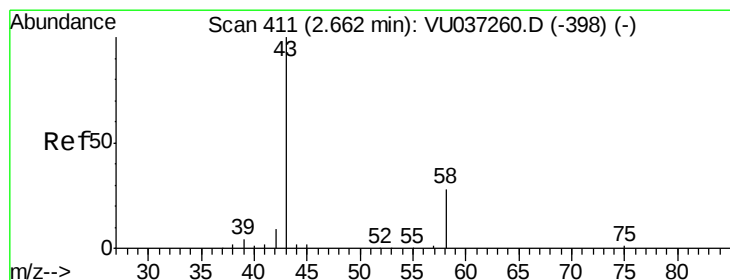
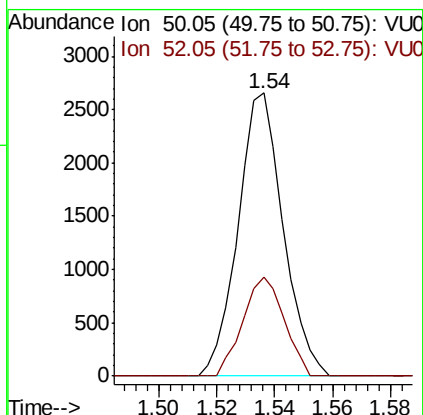
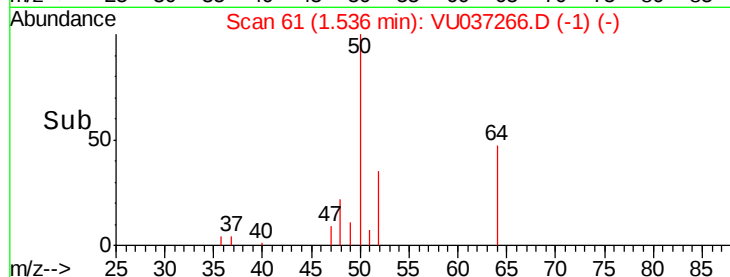
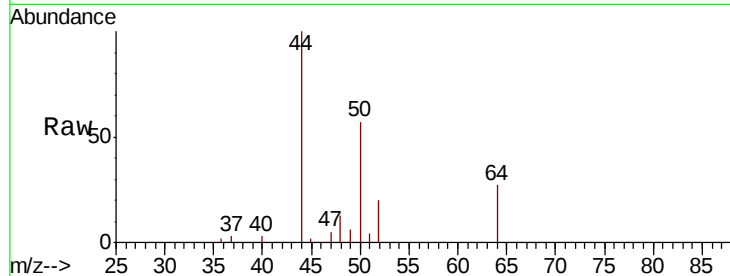
VHBLK01

Tot Ion: 50 Resp: 2860

Ion Ratio Lower Upper

50 100

52 34.9 23.3 43.3



#13

Acetone

Concen: 1.531 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU037266.D

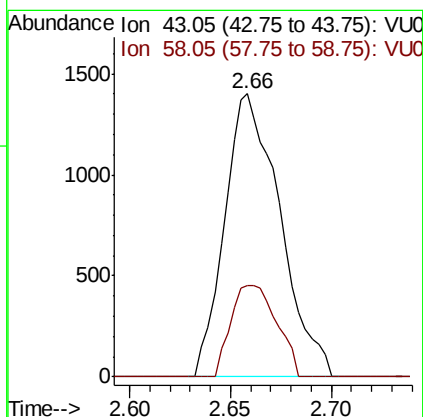
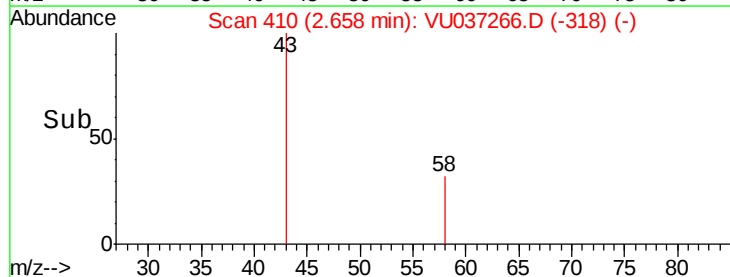
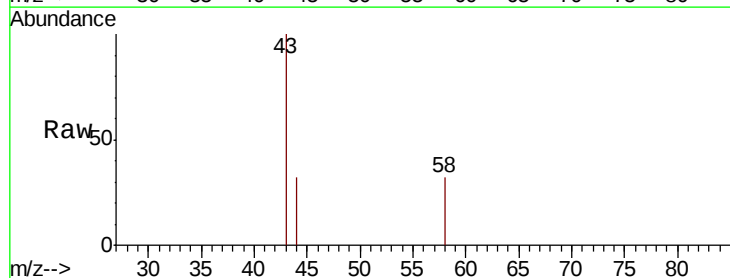
Acq: 14 Mar 2020 16:34

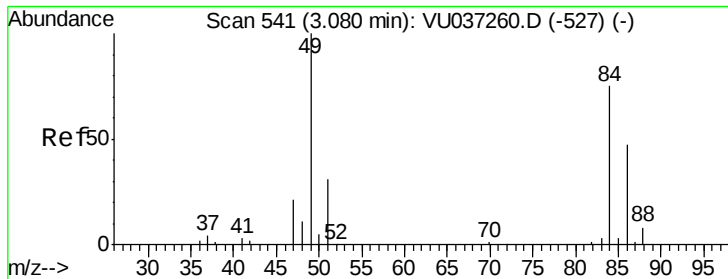
Tgt Ion: 43 Resp: 2677

Ion Ratio Lower Upper

43 100

58 27.0 0.0 52.2

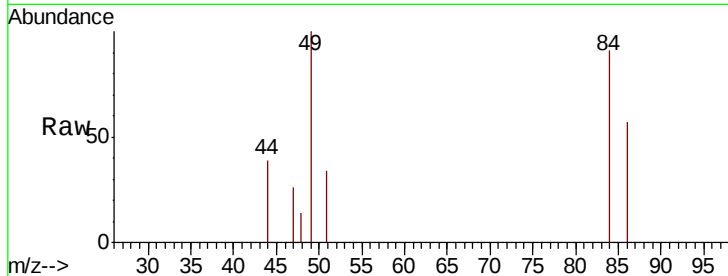




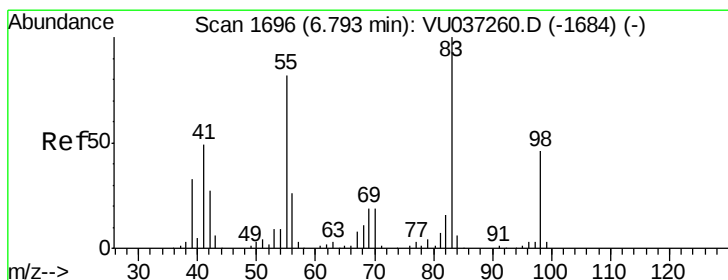
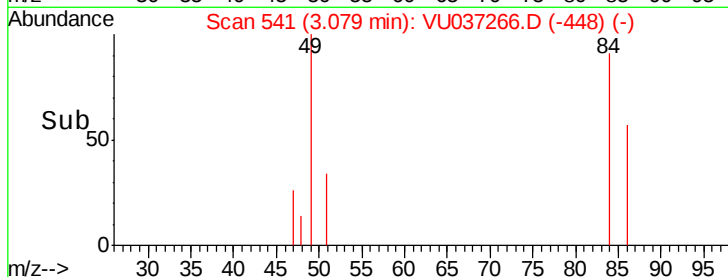
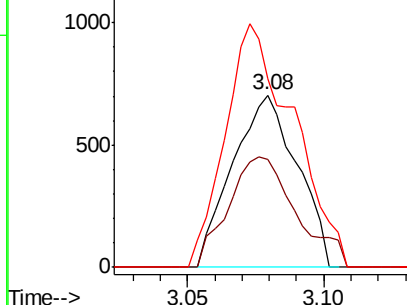
#16
Methvlene chloride
Concen: 0.116 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU037266.D
Acq: 14 Mar 2020 16:34

Instrument :
MSVOA_U
ClientSampled :
VHBLK01

Tot Ion: 84 Resp: 1158
Ion Ratio Lower Upper
84 100
86 62.4 44.3 82.3
49 109.4 95.3 177.1

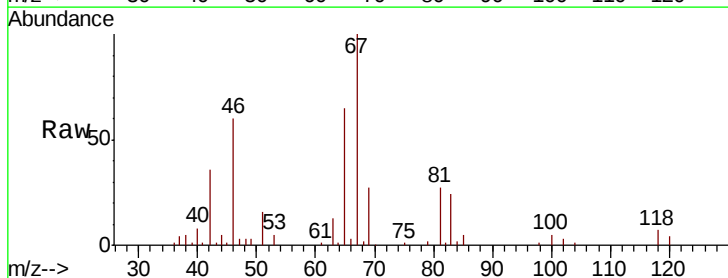


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

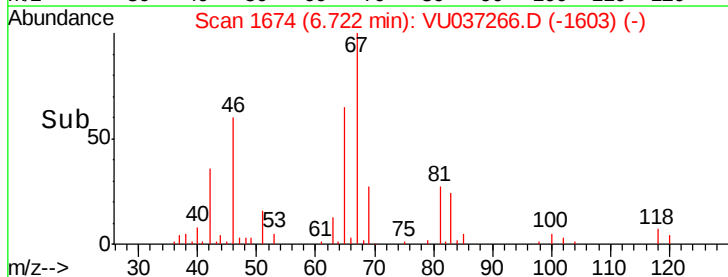
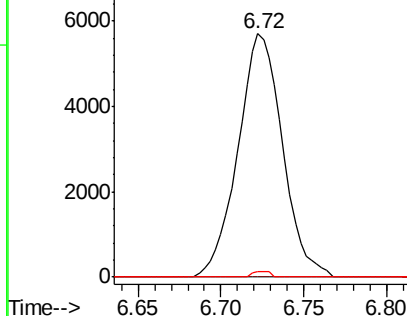


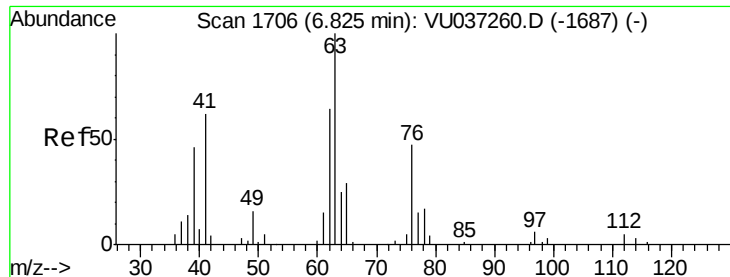
#35
Methylcyclohexane
Concen: 0.685 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037266.D
Acq: 14 Mar 2020 16:34

Tgt Ion: 83 Resp: 10627
Ion Ratio Lower Upper
83 100
55 0.0 68.1 102.1#
98 0.9 37.0 55.4#



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

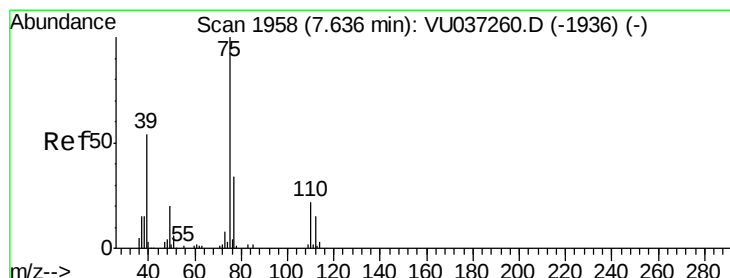
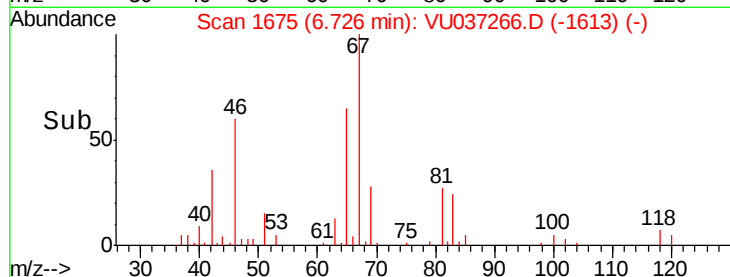
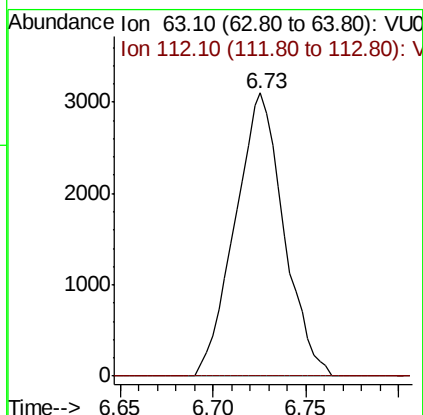
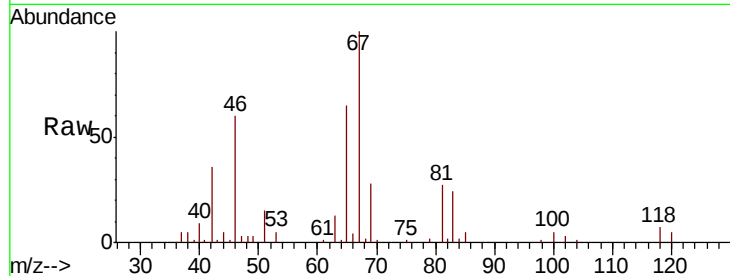




#37
 1,2-Dichloropropane
 Concen: 0.579 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU037266.D
 Acq: 14 Mar 2020 16:34

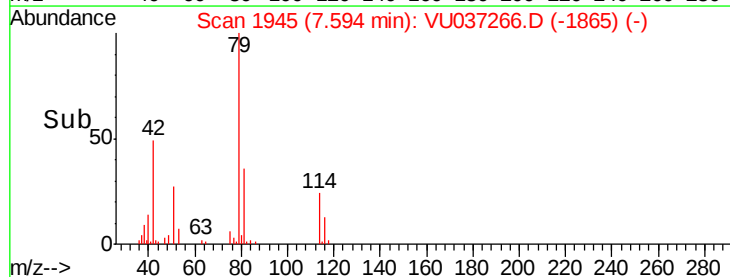
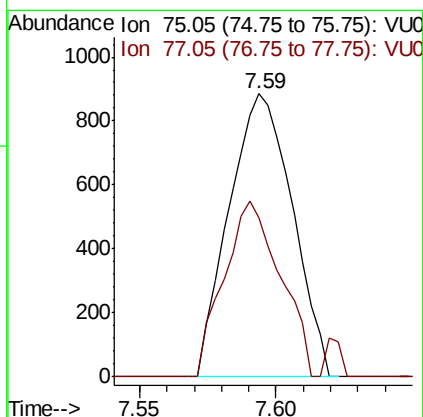
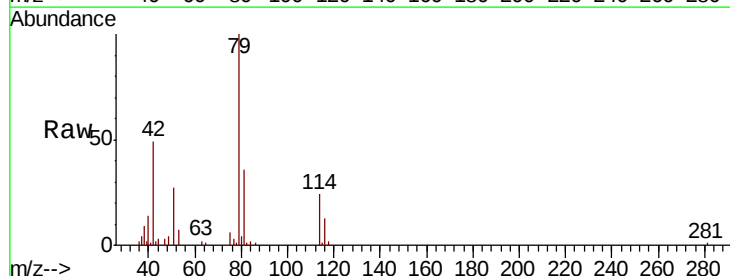
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 VHBLK01

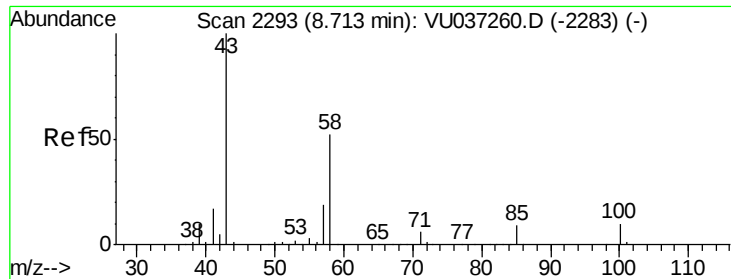
Tot Ion: 63 Resp: 5664
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037266.D
 Acq: 14 Mar 2020 16:34

Tgt Ion: 75 Resp: 1423
 Ion Ratio Lower Upper
 75 100
 77 56.4 21.1 39.1#

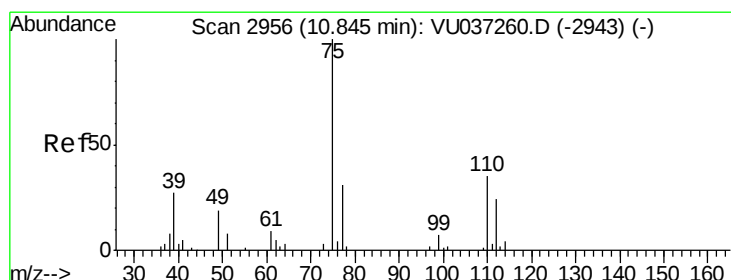
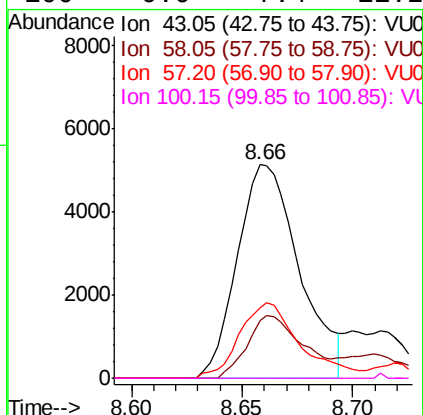
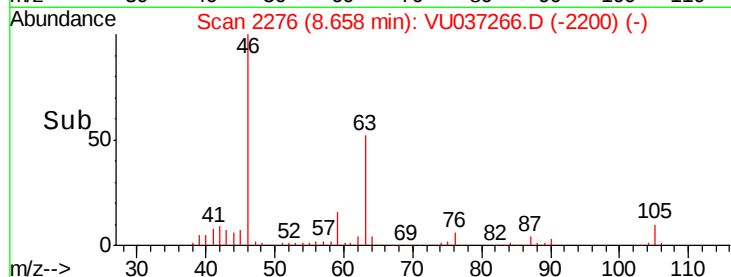
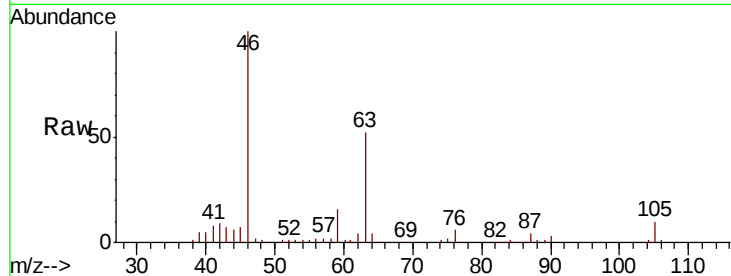




#48
2-Hexanone
Concen: 2.079 ug/L
RT: 8.66 min Scan# 2276
Delta R.T. -0.05 min
Lab File: VU037266.D
Acq: 14 Mar 2020 16:34

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 43 Resp: 10028
Ion Ratio Lower Upper
43 100
58 26.1 38.6 58.0#
57 34.4 13.6 20.4#
100 0.0 7.4 11.2#



#59
1,2,3-Trichloropropane
Concen: 1.014 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU037266.D
Acq: 14 Mar 2020 16:34

Tgt Ion: 75 Resp: 7095
Ion Ratio Lower Upper
75 100
77 37.0 27.4 41.0

