

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061720\
 Data File : VU038950.D
 Acq On : 17 Jun 2020 17:39
 Operator : SY/MD
 Sample : L3040-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L16

Quant Time: Jun 18 04:10:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 04:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.32	114	267978	5.00	ug/L	0.04
28) Chlorobenzene-d5	9.44	117	270286	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	137708	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.65	65	81772	4.39	ug/L	0.04
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.97	69	73264	4.69	ug/L	0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.62	63	192611	5.11	ug/L	0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.20%
20) 2-Butanone-d5	4.80	46	260324	43.73	ug/L	0.12
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.46%
24) Chloroform-d	5.15	84	184767	5.00	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.79	65	107333	5.03	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.81	84	350990	4.97	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.75	67	112476	5.15	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.94	98	288980	4.56	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	8.22	79	45134	4.51	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.68	63	258948	49.11	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.22%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103045	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	128169	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

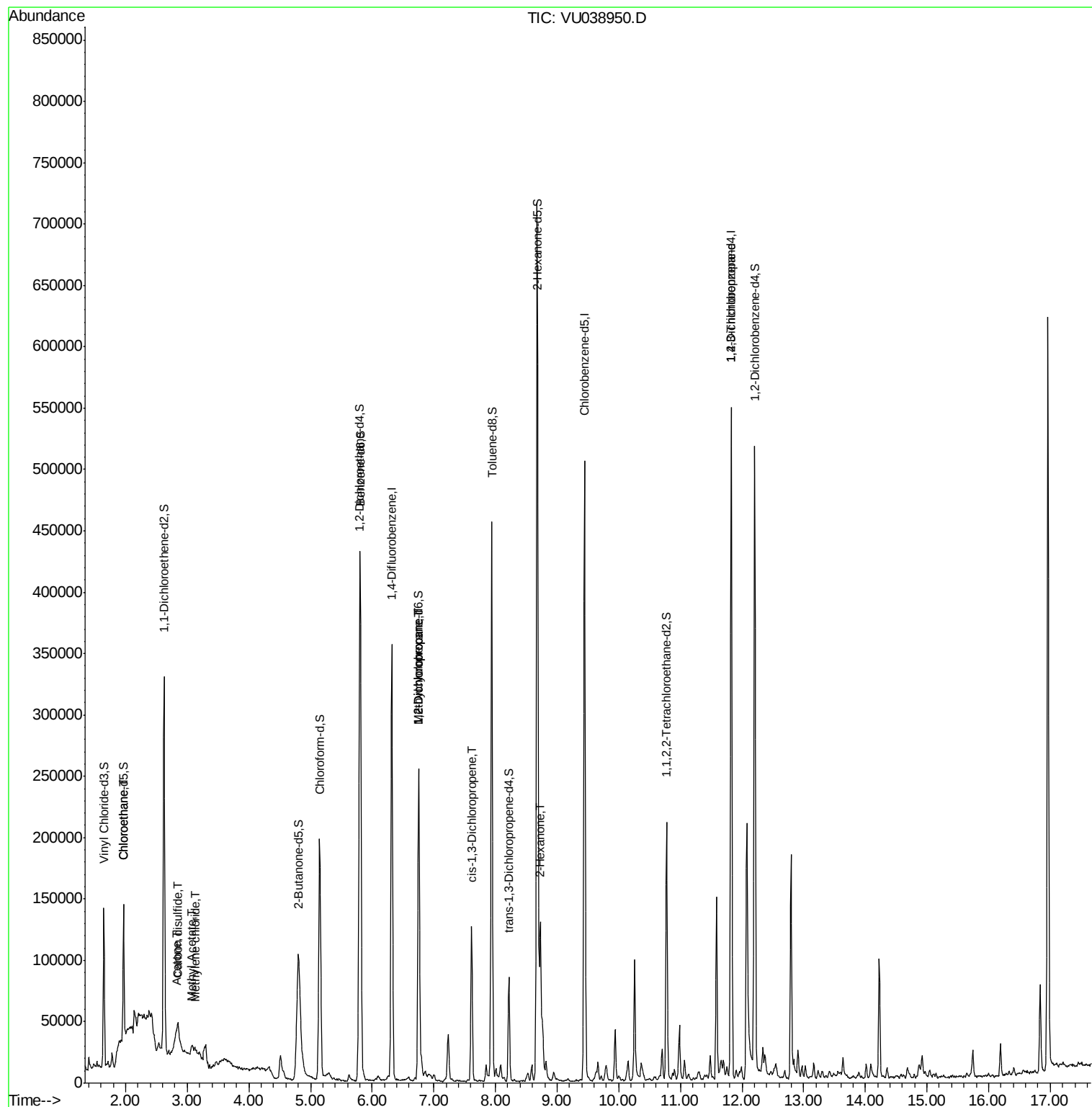
					Ovalue
8) Chloroethane	1.97	64	2159	0.135 ug/L #	53
13) Acetone	2.82	43	28254	6.963 ug/L	45
14) Carbon disulfide	2.85	76	11065	0.174 ug/L #	92
15) Methyl Acetate	3.08	43	9258	0.933 ug/L #	71
16) Methylene chloride	3.12	84	1512	0.070 ug/L	90
35) Methylcyclohexane	6.75	83	27526	0.848 ug/L #	19
37) 1,2-Dichloropropane	6.75	63	12448	0.590 ug/L #	88
39) cis-1,3-Dichloropropene	7.61	75	3038	0.098 ug/L #	52
48) 2-Hexanone	8.73	43	72067	6.548 ug/L #	97
59) 1,2,3-Trichloropropane	11.82	75	17652	1.086 ug/L #	85

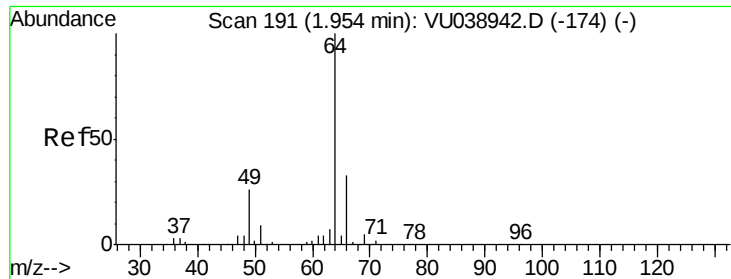
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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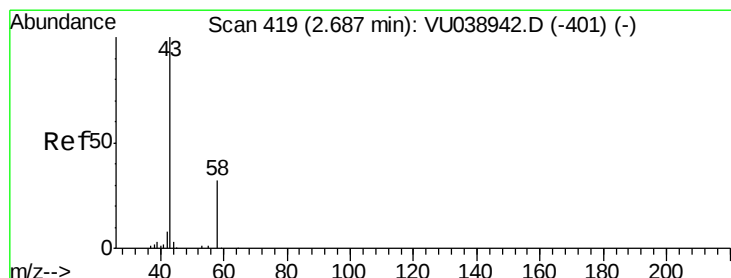
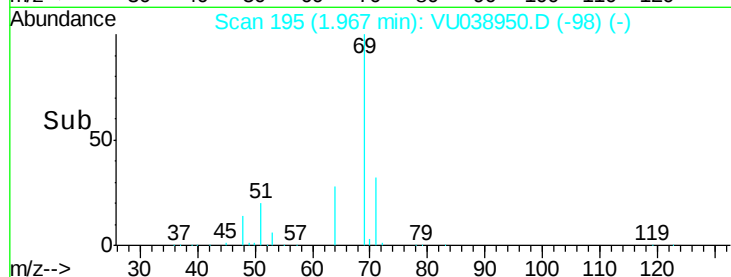
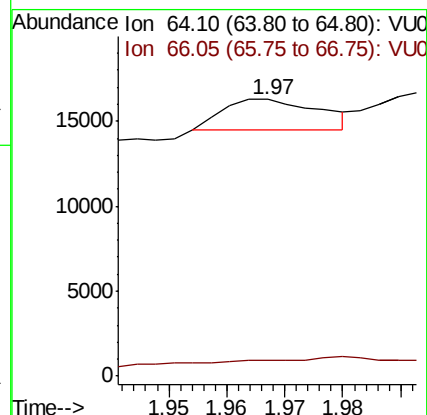
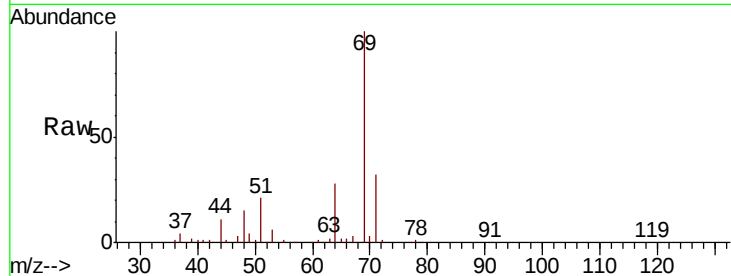




#8
Chloroethane
Concen: 0.135 ug/L
RT: 1.97 min Scan# 195
Delta R.T. 0.01 min
Lab File: VU038950.D
Acq: 17 Jun 2020 17:39

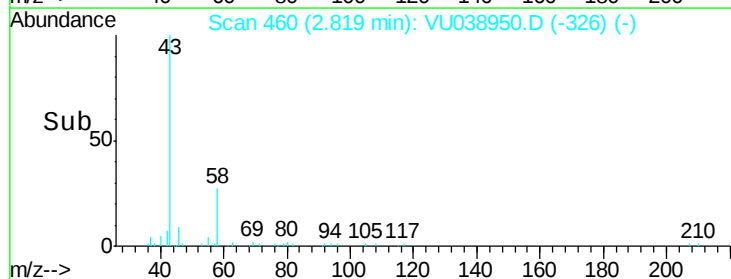
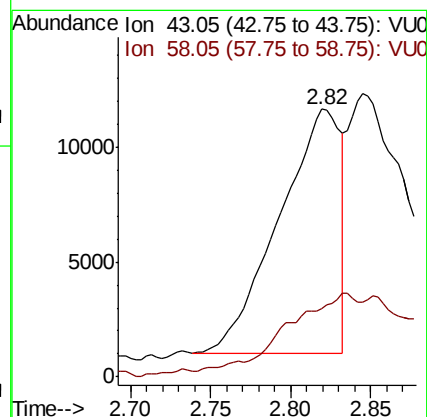
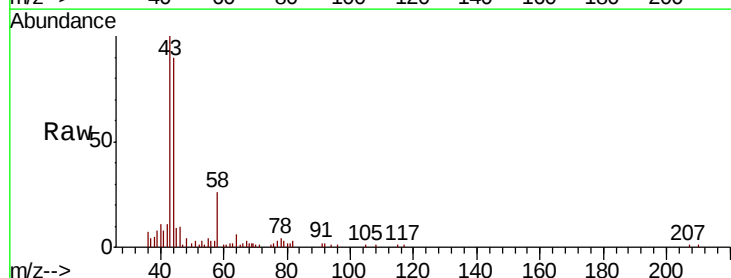
Instrument :
MSVOA_U
ClientSampleId :
F9L16

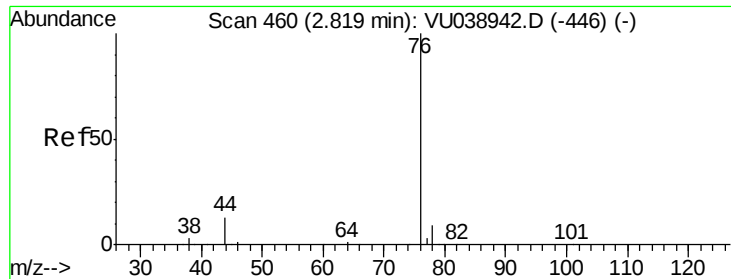
Tot Ion: 64 Resp: 2159
Ion Ratio Lower Upper
64 100
66 5.7 22.1 41.1#



#13
Acetone
Concen: 6.963 ug/L
RT: 2.82 min Scan# 460
Delta R.T. 0.13 min
Lab File: VU038950.D
Acq: 17 Jun 2020 17:39

Tgt Ion: 43 Resp: 28254
Ion Ratio Lower Upper
43 100
58 1.5 0.0 65.0





#14

Carbon disulfide

Concen: 0.174 ug/L

RT: 2.85 min Scan# 470

Delta R.T. 0.03 min

Lab File: VU038950.D

Acq: 17 Jun 2020 17:39

Instrument :

MSVOA_U

ClientSampleId :

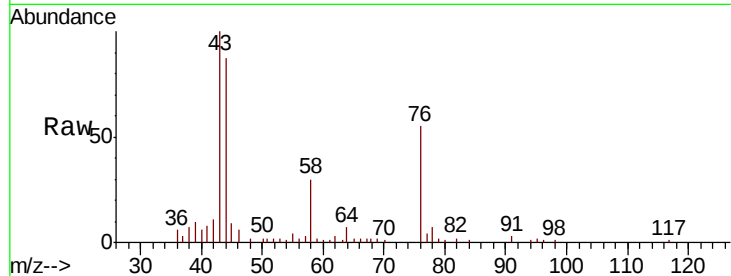
F9L16

Tot Ion: 76 Resp: 11065

Ion Ratio Lower Upper

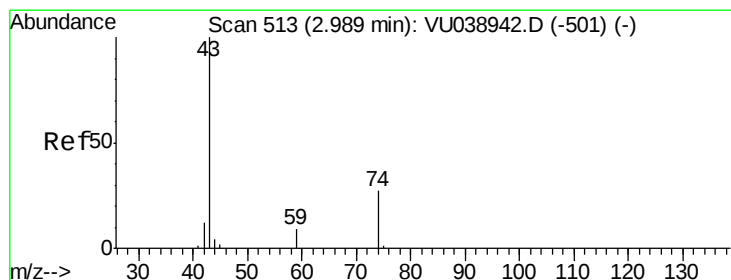
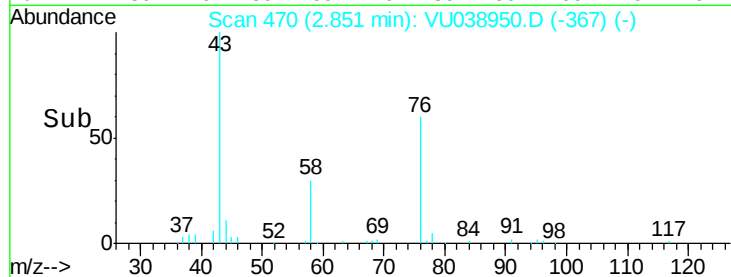
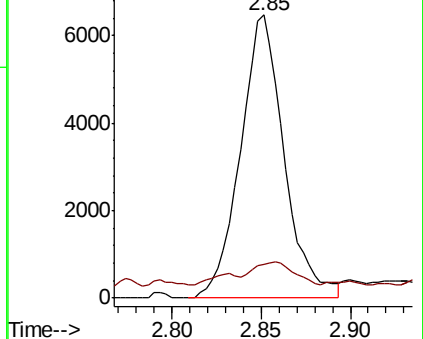
76 100

78 12.1 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VU038942.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU038942.D (-446) (-)



#15

Methyl Acetate

Concen: 0.933 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.09 min

Lab File: VU038950.D

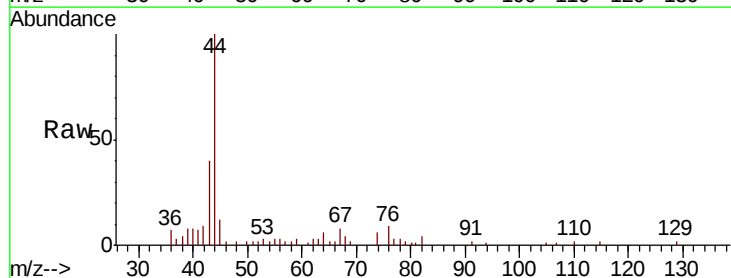
Acq: 17 Jun 2020 17:39

Tgt Ion: 43 Resp: 9258

Ion Ratio Lower Upper

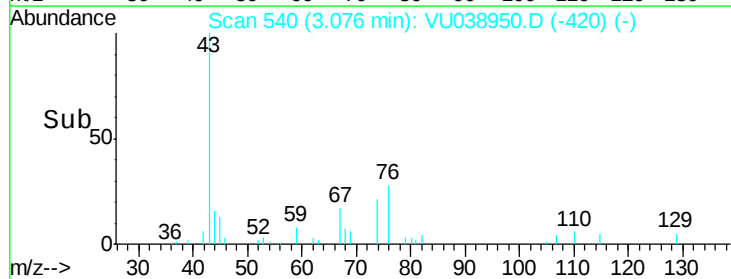
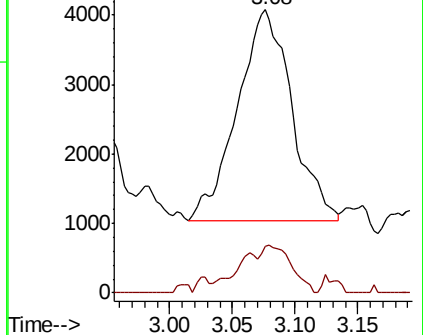
43 100

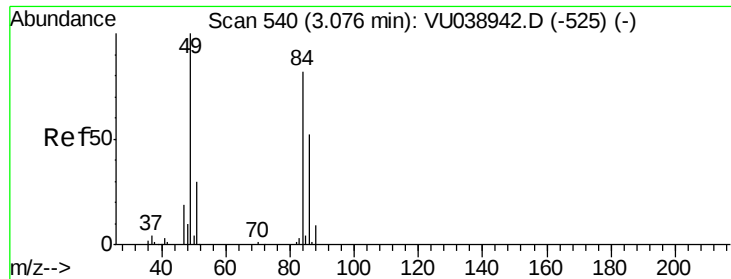
74 12.3 22.2 33.2#



Abundance Ion 43.05 (42.75 to 43.75): VU038942.D (-501) (-)

Ion 74.05 (73.75 to 74.75): VU038942.D (-501) (-)

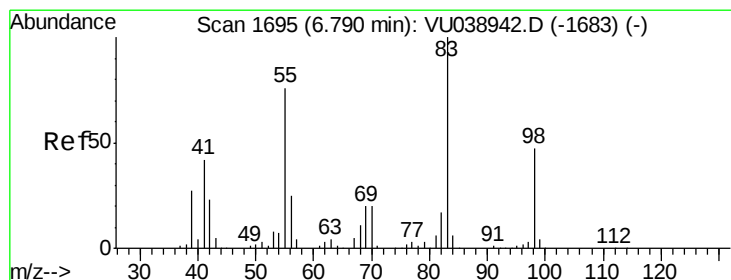
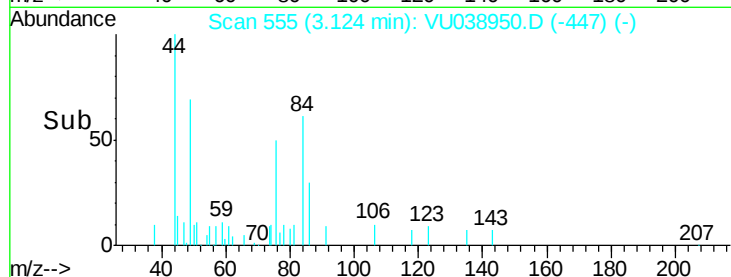
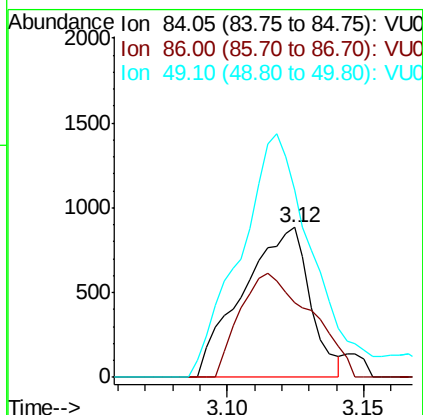
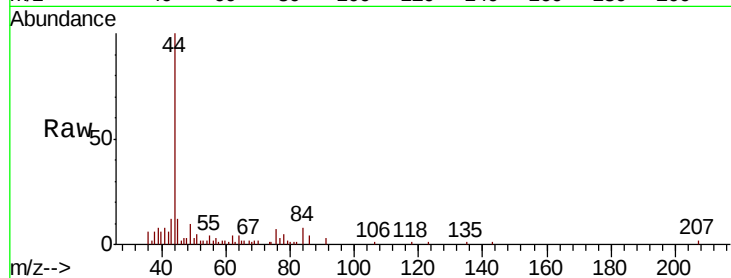




#16
Methylene chloride
Concen: 0.070 ug/L
RT: 3.12 min Scan# 555
Delta R.T. 0.05 min
Lab File: VU038950.D
Acq: 17 Jun 2020 17:39

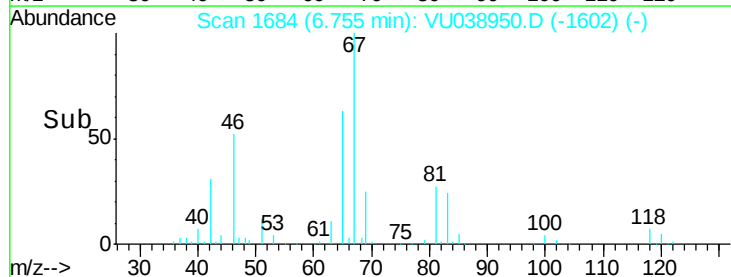
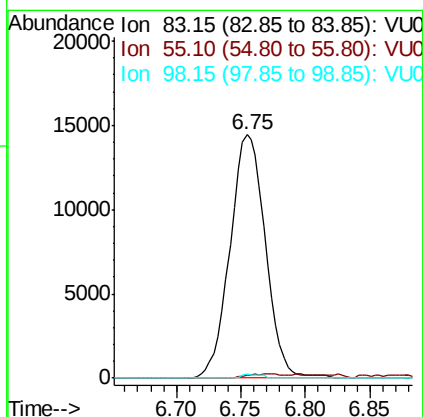
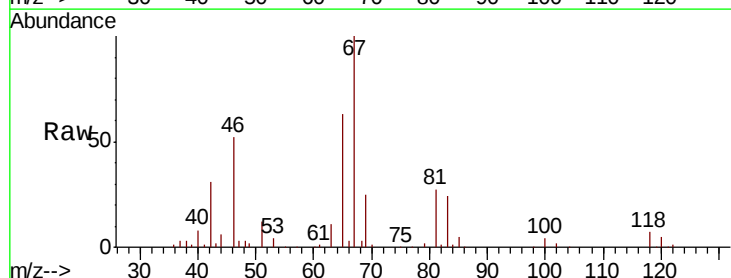
Instrument :
MSVOA_U
ClientSampleId :
F9L16

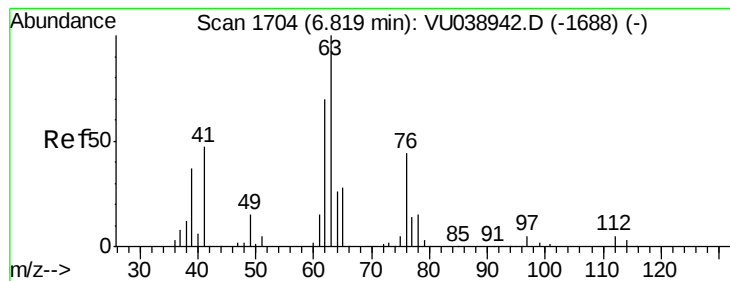
Tot Ion: 84 Resp: 1512
Ion Ratio Lower Upper
84 100
86 49.7 45.1 83.7
49 124.7 83.7 155.4



#35
Methylcyclohexane
Concen: 0.848 ug/L
RT: 6.75 min Scan# 1684
Delta R.T. -0.04 min
Lab File: VU038950.D
Acq: 17 Jun 2020 17:39

Tgt Ion: 83 Resp: 27526
Ion Ratio Lower Upper
83 100
55 1.7 61.8 92.8#
98 0.8 39.3 58.9#





#37

1,2-Dichloropropane

Concen: 0.590 ug/L

RT: 6.75 min Scan# 1684

Delta R.T. -0.06 min

Lab File: VU038950.D

Acq: 17 Jun 2020 17:39

Instrument :

MSVOA_U

ClientSampleId :

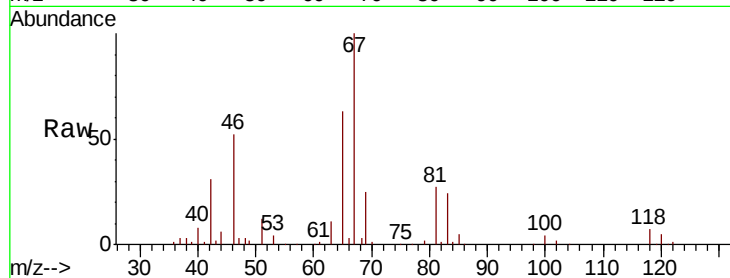
F9L16

Tot Ion: 63 Resp: 12448

Ion Ratio Lower Upper

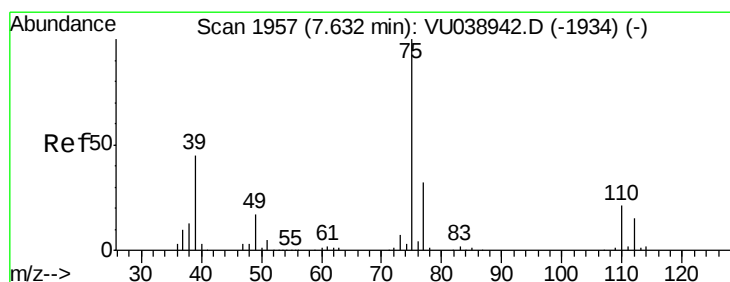
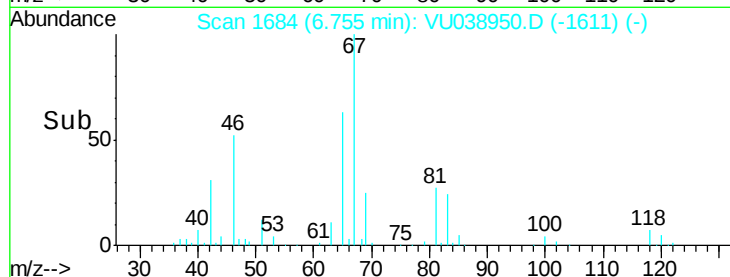
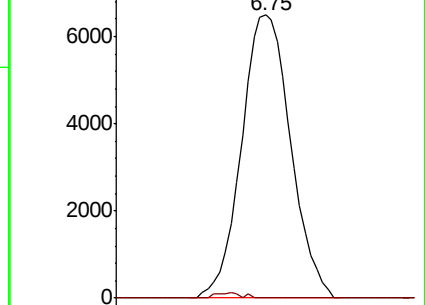
63 100

112 1.0 3.9 5.9#



Abundance Ion 63.10 (62.80 to 63.80): VU038950.D (-1688) (-)

Ion 112.10 (111.80 to 112.80): VU038950.D (-1688) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.61 min Scan# 1950

Delta R.T. -0.02 min

Lab File: VU038950.D

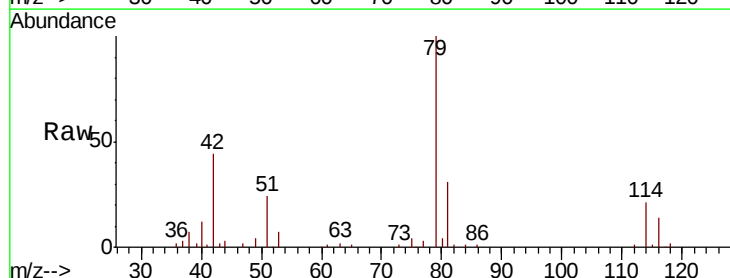
Acq: 17 Jun 2020 17:39

Tgt Ion: 75 Resp: 3038

Ion Ratio Lower Upper

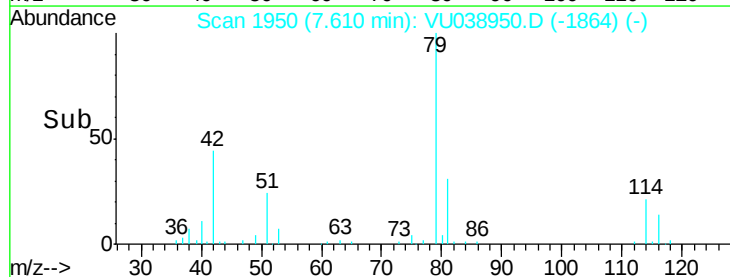
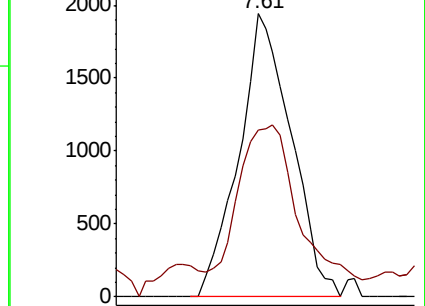
75 100

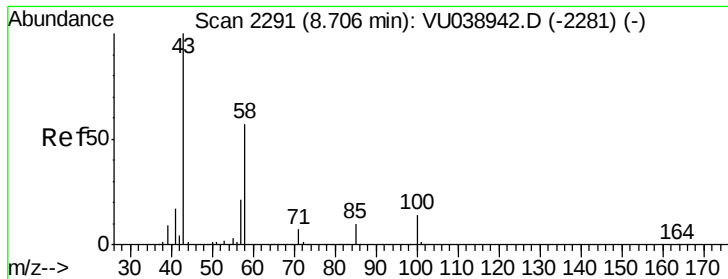
77 58.9 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU038950.D (-1864) (-)

Ion 77.05 (76.75 to 77.75): VU038950.D (-1864) (-)

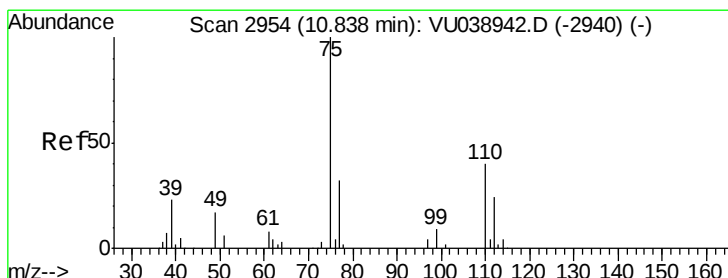
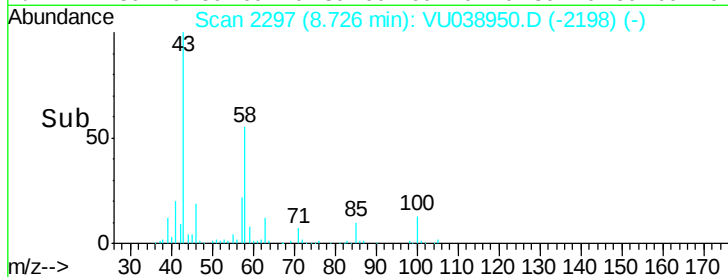
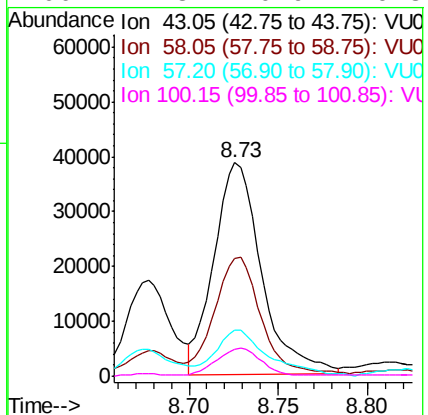
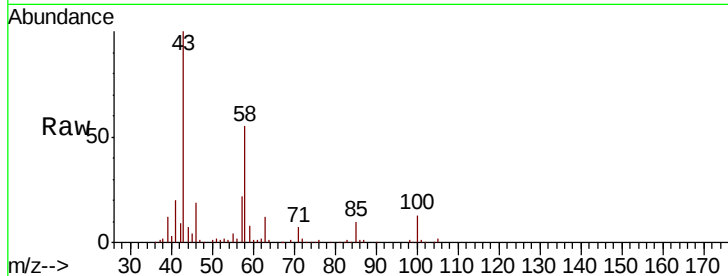




#48
 2-Hexanone
 Concen: 6.548 ug/L
 RT: 8.73 min Scan# 2297
 Delta R.T. 0.02 min
 Lab File: VU038950.D
 Acq: 17 Jun 2020 17:39

Instrument :
 MSVOA_U
 ClientSampled :
 F9L16

Tot Ion: 43 Resp: 72067
 Ion Ratio Lower Upper
 43 100
 58 56.1 45.2 67.8
 57 24.7 16.1 24.1#
 100 12.8 10.9 16.3



#59
 1,2,3-Trichloropropane
 Concen: 1.086 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038950.D
 Acq: 17 Jun 2020 17:39

Tgt Ion: 75 Resp: 17652
 Ion Ratio Lower Upper
 75 100
 77 40.3 25.4 38.0#

