

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090820\
 Data File : VU040050.D
 Acq On : 08 Sep 2020 13:14
 Operator : SY/MD
 Sample : L3927-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFW59

Quant Time: Sep 09 01:37:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 09 01:36:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	114485	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	114055	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52475	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26991	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.92	69	25530	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.58	63	51026	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.66	46	142273	56.90	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.80%
24) Chloroform-d	5.08	84	69572	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.72	65	45665	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.74	84	130168	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.70	67	43164	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.90	98	108672	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	8.18	79	18382	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.64	63	105015	54.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.98%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	39374	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	45260	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

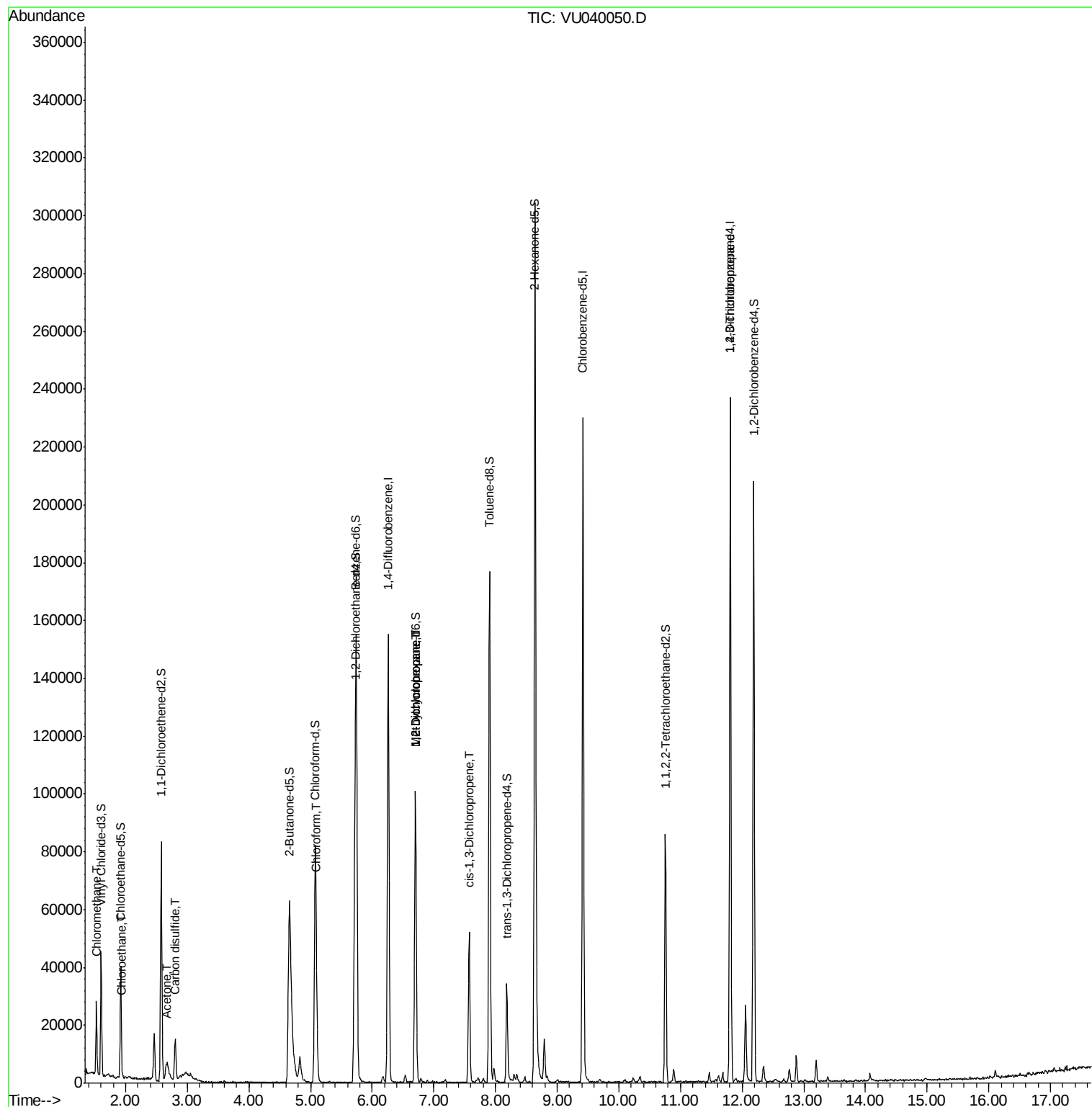
					Ovalue
3) Chloromethane	1.53	50	17070	1.569 ug/L	100
8) Chloroethane	1.94	64	604	0.091 ug/L #	78
13) Acetone	2.66	43	5091	2.200 ug/L	98
14) Carbon disulfide	2.81	76	17673	0.622 ug/L	97
25) Chloroform	5.10	83	6639	0.330 ug/L	86
35) Methylcyclohexane	6.70	83	9954	0.594 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5014	0.454 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1340	0.082 ug/L #	61
59) 1,2,3-Trichloropropane	11.81	75	8752	1.069 ug/L	96

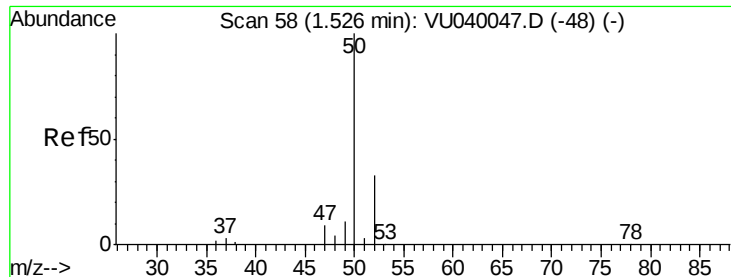
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.569 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040050.D

Acq: 08 Sep 2020 13:14

Instrument :

MSVOA_U

ClientSampleId :

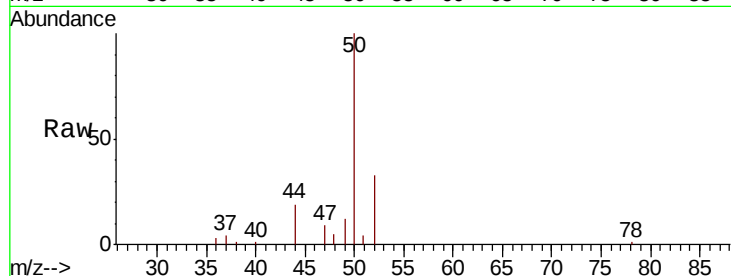
BFWS9

Tot Ion: 50 Resp: 17070

Ion Ratio Lower Upper

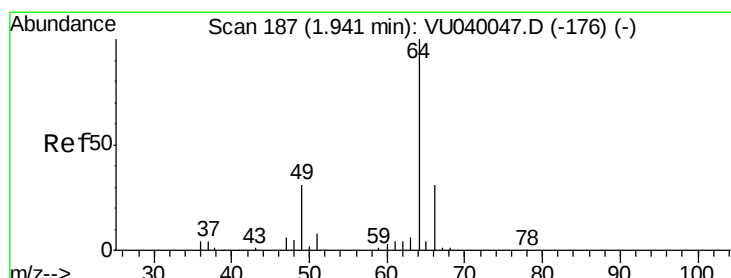
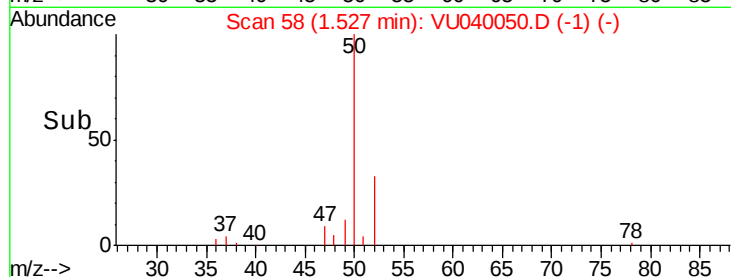
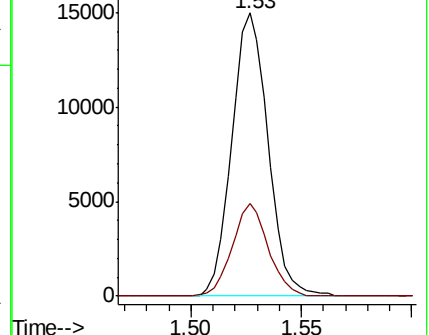
50 100

52 32.8 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU040047.D (-48) (-)

Ion 52.05 (51.75 to 52.75): VU040047.D (-48) (-)



#8

Chloroethane

Concen: 0.091 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040050.D

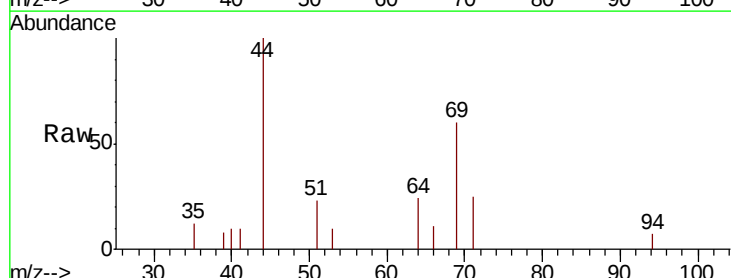
Acq: 08 Sep 2020 13:14

Tgt Ion: 64 Resp: 604

Ion Ratio Lower Upper

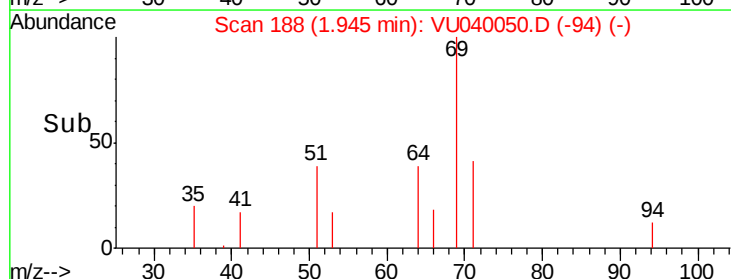
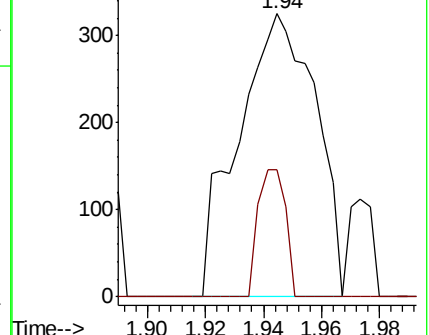
64 100

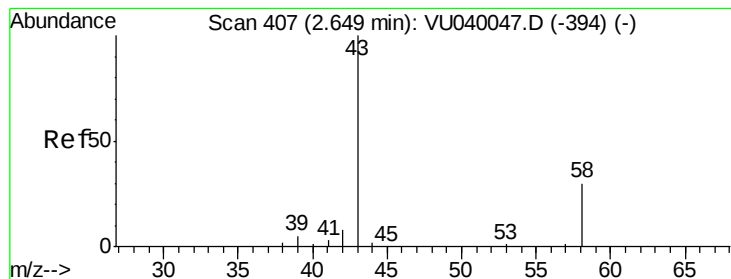
66 44.9 22.7 42.1#



Abundance Ion 64.10 (63.80 to 64.80): VU040047.D (-176) (-)

Ion 66.05 (65.75 to 66.75): VU040047.D (-176) (-)





#13

Acetone

Concen: 2.200 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU040050.D

Acq: 08 Sep 2020 13:14

Instrument :

MSVOA_U

ClientSampleId :

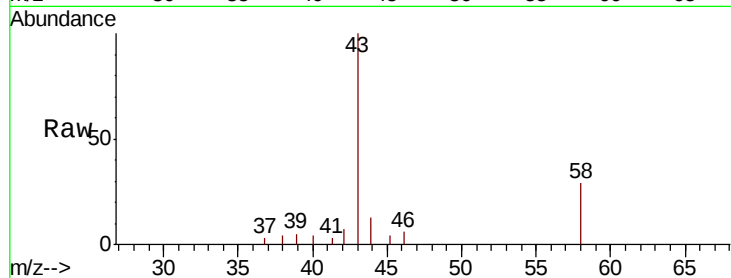
BFWS9

Tot Ion: 43 Resp: 5091

Ion Ratio Lower Upper

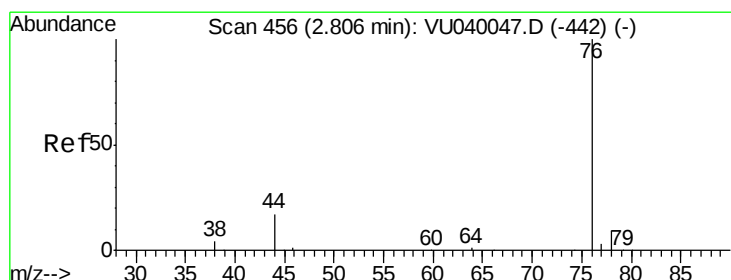
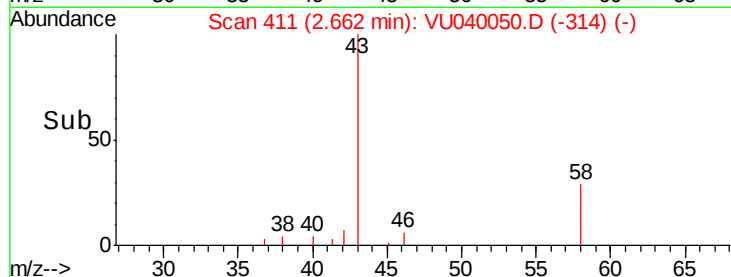
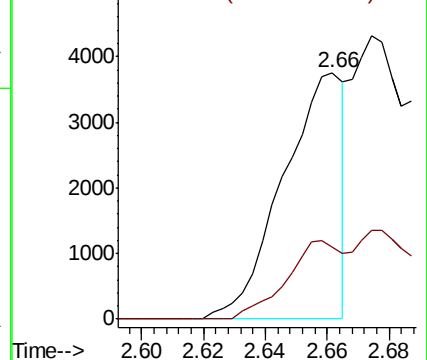
43 100

58 28.8 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040047.D (-394) (-)

Ion 58.05 (57.75 to 58.75): VU040047.D (-394) (-)



#14

Carbon disulfide

Concen: 0.622 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040050.D

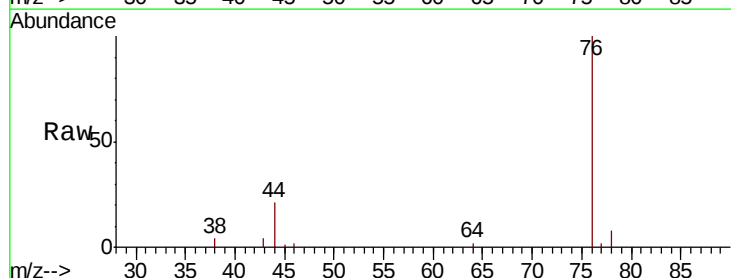
Acq: 08 Sep 2020 13:14

Tgt Ion: 76 Resp: 17673

Ion Ratio Lower Upper

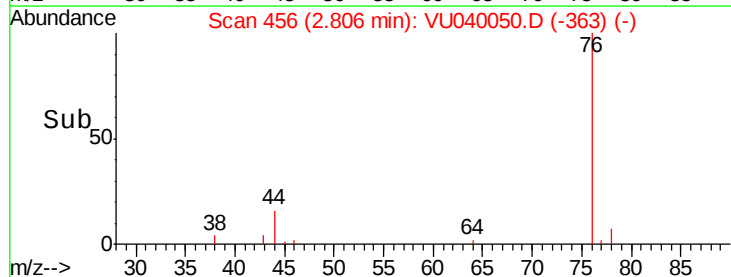
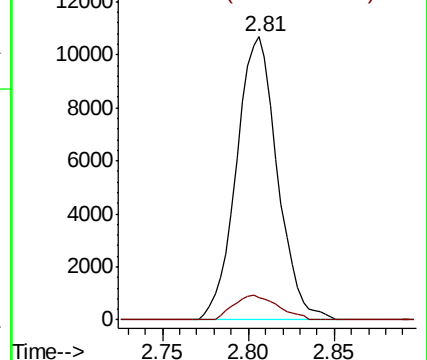
76 100

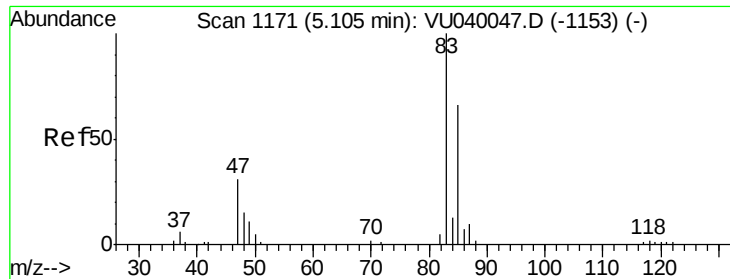
78 8.0 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU040047.D (-442) (-)

Ion 78.00 (77.70 to 78.70): VU040047.D (-442) (-)

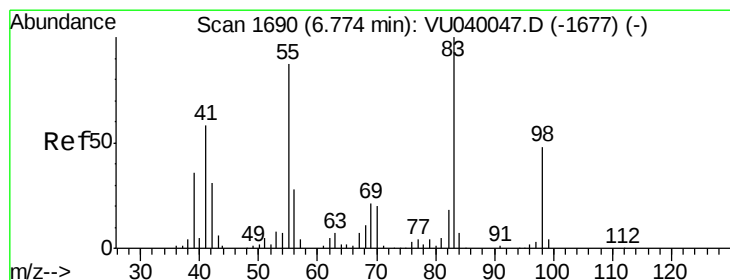
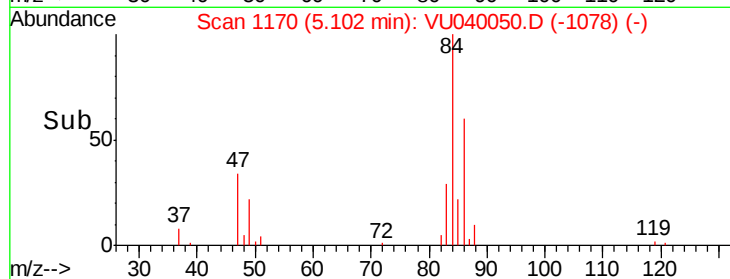
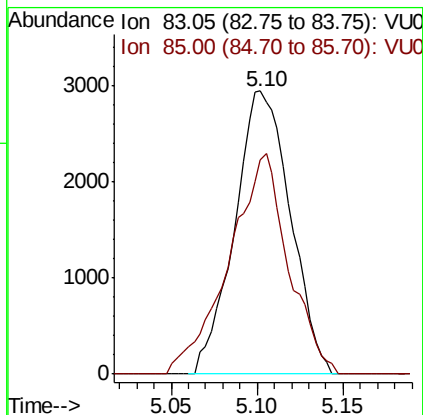
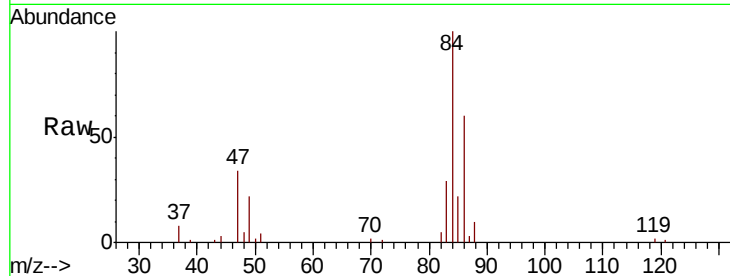




#25
Chloroform
Concen: 0.330 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040050.D
Acq: 08 Sep 2020 13:14

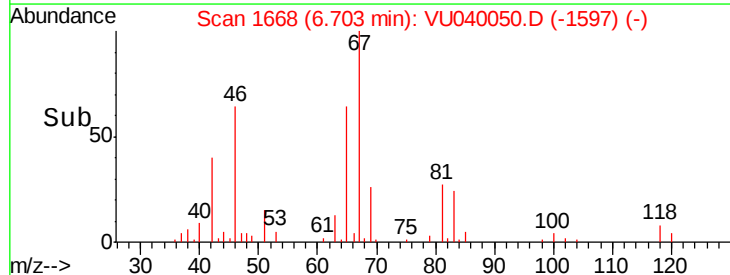
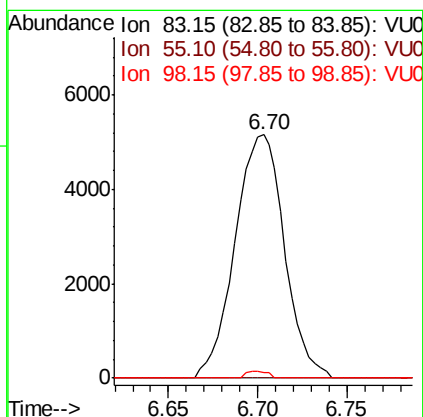
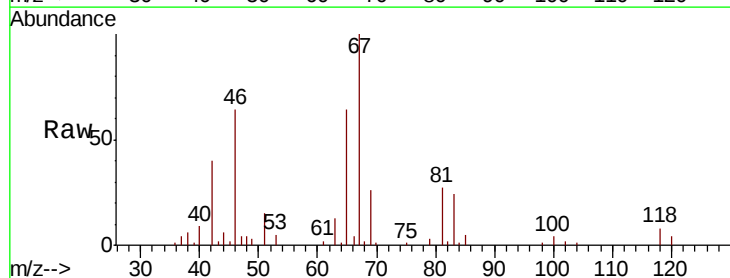
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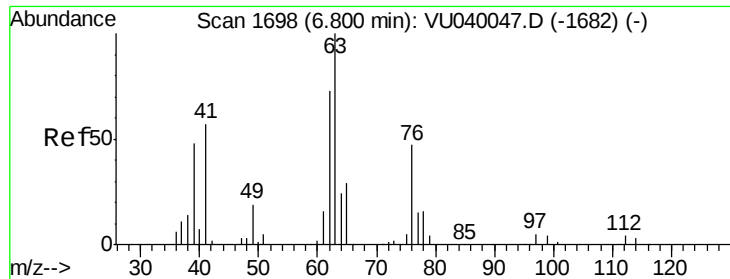
Tot Ion: 83 Resp: 6639
Ion Ratio Lower Upper
83 100
85 75.9 45.3 84.1



#35
Methylcyclohexane
Concen: 0.594 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040050.D
Acq: 08 Sep 2020 13:14

Tgt Ion: 83 Resp: 9954
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 1.3 37.8 56.6#

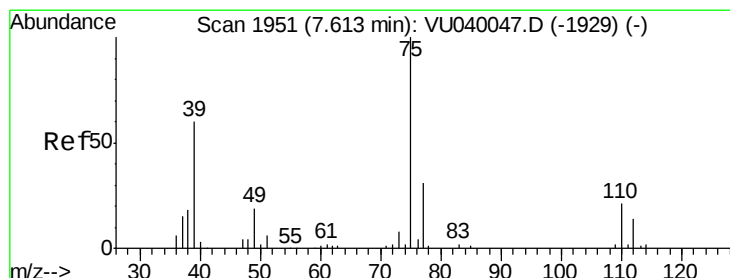
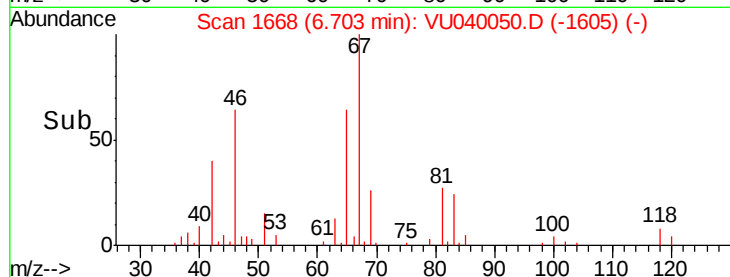
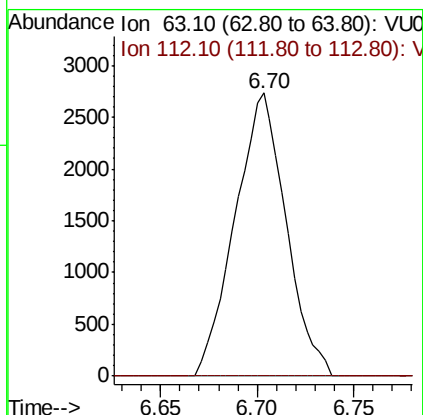
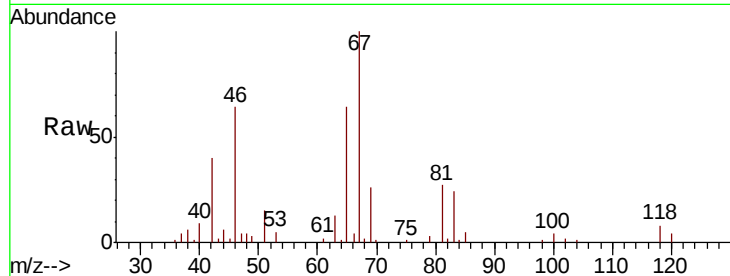




#37
 1,2-Dichloropropane
 Concen: 0.454 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040050.D
 Acq: 08 Sep 2020 13:14

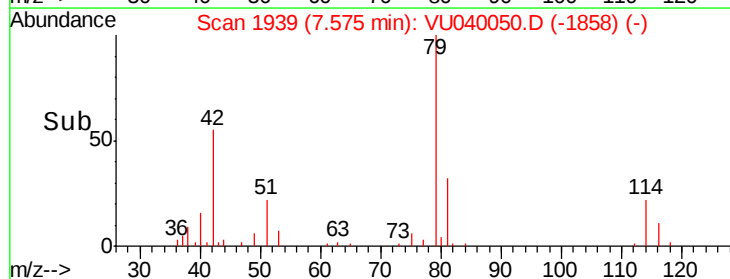
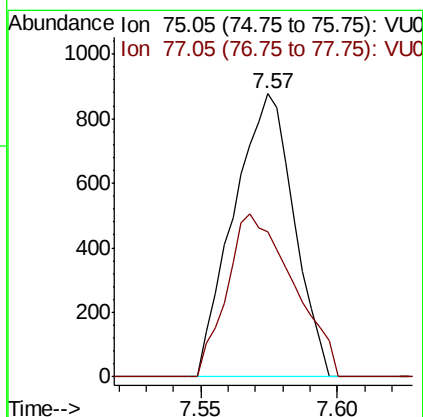
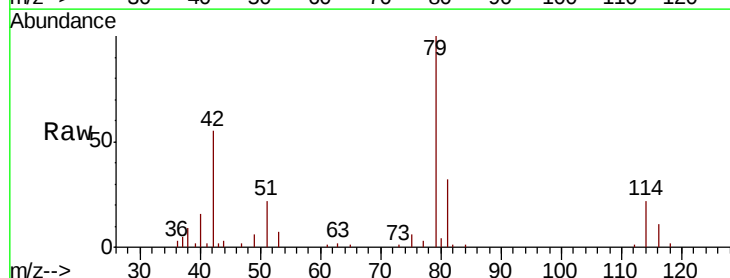
Instrument :
 MSVOA_U
 ClientSampleId :
 BFW59

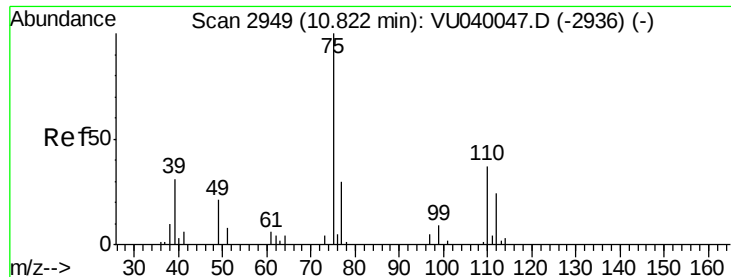
Tot Ion: 63 Resp: 5014
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040050.D
 Acq: 08 Sep 2020 13:14

Tgt Ion: 75 Resp: 1340
 Ion Ratio Lower Upper
 75 100
 77 51.4 21.1 39.3#





#59

1,2,3-Trichloropropane

Concen: 1.069 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040050.D

Acq: 08 Sep 2020 13:14

Instrument :

MSVOA_U

ClientSampleId :

BFWS9

Tot Ion: 75 Resp: 8752

Ion Ratio Lower Upper

75 100

77 33.5 24.9 37.3

