

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092820\
 Data File : VU040327.D
 Acq On : 28 Sep 2020 13:01
 Operator : SY/MD
 Sample : L4147-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSB1

Quant Time: Sep 28 13:28:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 28 13:01:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	141398	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	141946	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	67456	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	35819	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.92	69	34794	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.58	63	60098	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.65	46	187116	60.60	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.20%
24) Chloroform-d	5.08	84	85237	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.72	65	53915	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.74	84	160939	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.70	67	55639	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.90	98	131887	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	8.19	79	21208	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.64	63	136426	57.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.80%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49865	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	54412	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

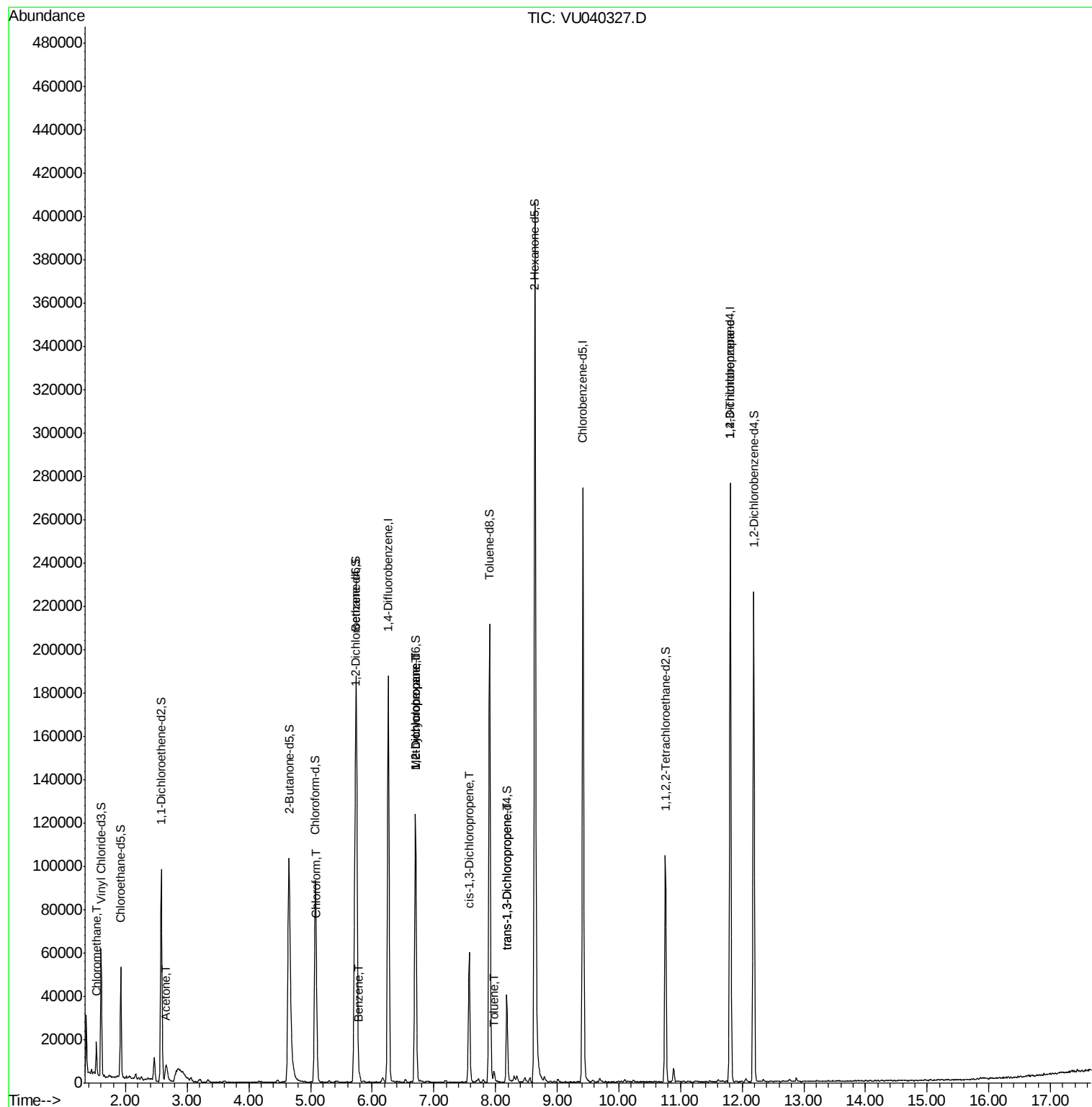
					Ovalue
3) Chloromethane	1.53	50	10482	0.780	ug/L 96
13) Acetone	2.66	43	15692	5.489	ug/L 98
25) Chloroform	5.11	83	2929	0.118	ug/L 83
33) Benzene	5.79	78	2333	0.046	ug/L 100
35) Methylcyclohexane	6.70	83	12691	0.608	ug/L # 15
37) 1,2-Dichloropropane	6.71	63	6452	0.469	ug/L # 88
39) cis-1,3-Dichloropropene	7.57	75	1625	0.080	ug/L # 46
42) Toluene	7.97	91	3156	0.060	ug/L 87
44) trans-1,3-Dichloropropene	8.19	75	984	0.052	ug/L # 65
59) 1,2,3-Trichloropropane	11.81	75	9175	0.901	ug/L # 81

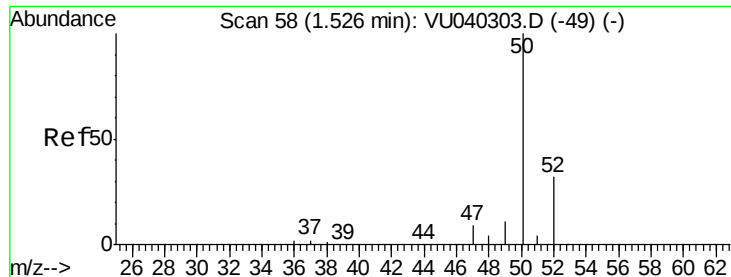
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.780 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040327.D

Acq: 28 Sep 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

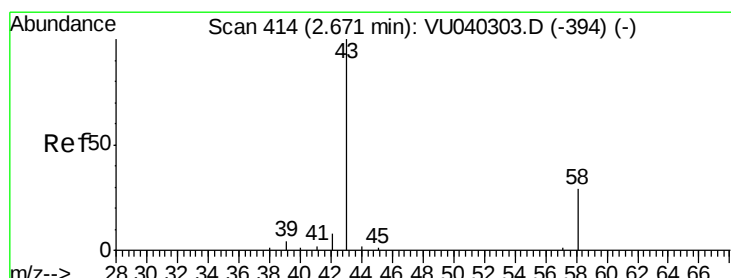
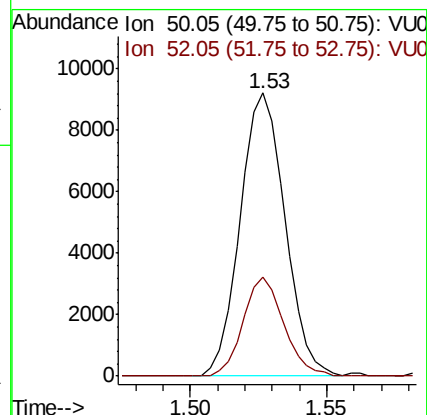
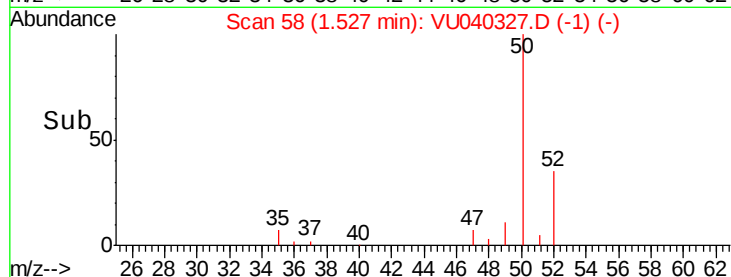
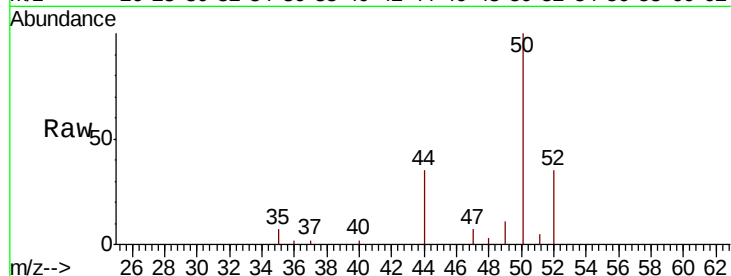
BFSB1

Tot Ion: 50 Resp: 10482

Ion Ratio Lower Upper

50 100

52 35.0 22.8 42.4



#13

Acetone

Concen: 5.489 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU040327.D

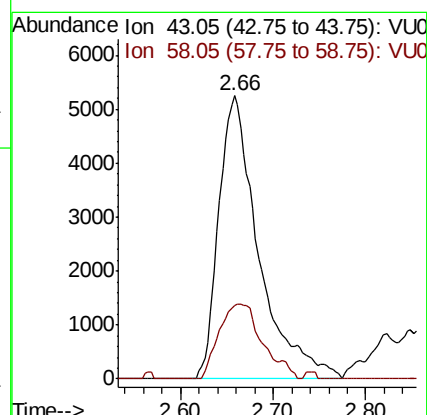
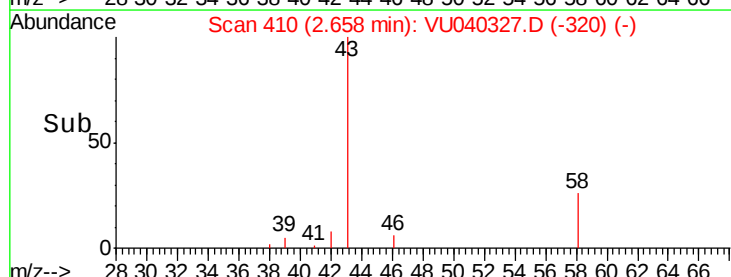
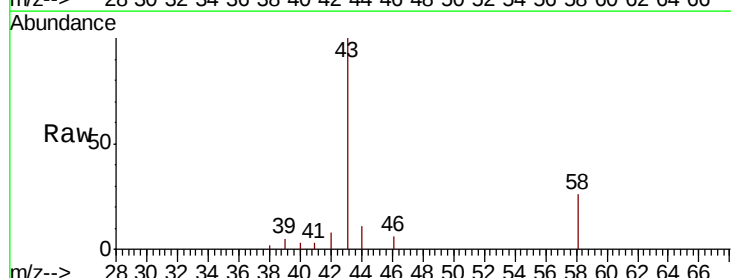
Acq: 28 Sep 2020 13:01

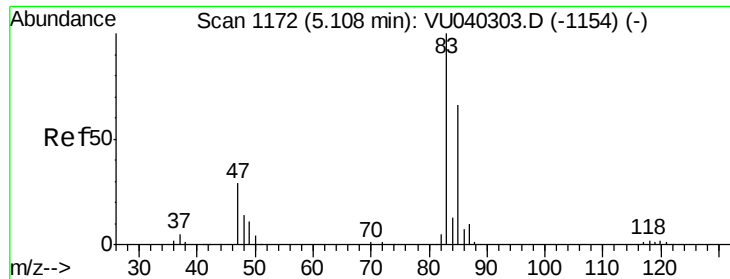
Tgt Ion: 43 Resp: 15692

Ion Ratio Lower Upper

43 100

58 28.5 0.0 55.4

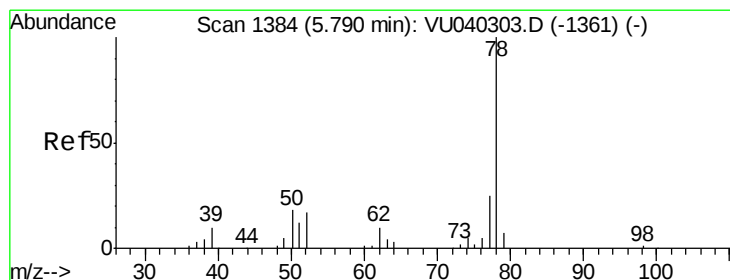
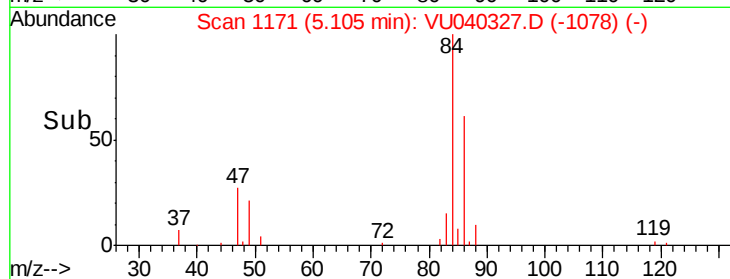
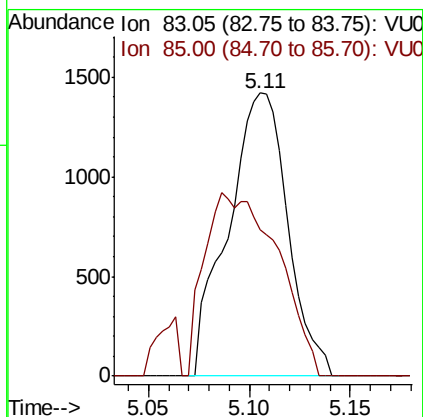
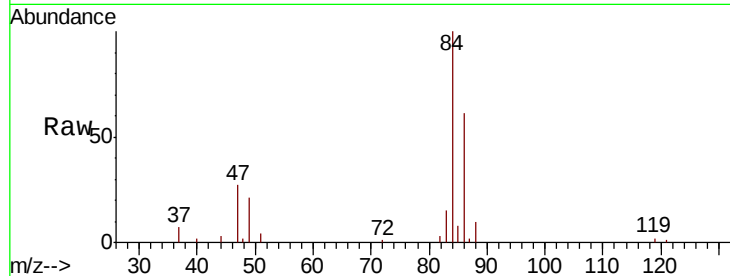




#25
Chloroform
Concen: 0.118 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040327.D
Acq: 28 Sep 2020 13:01

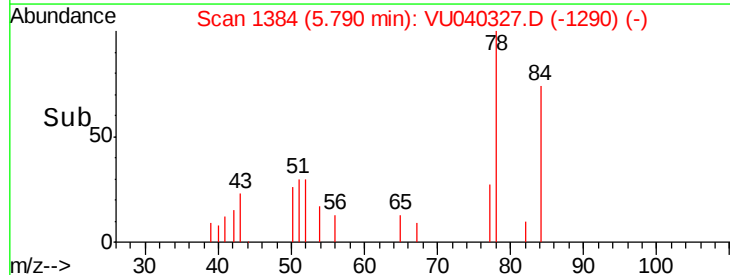
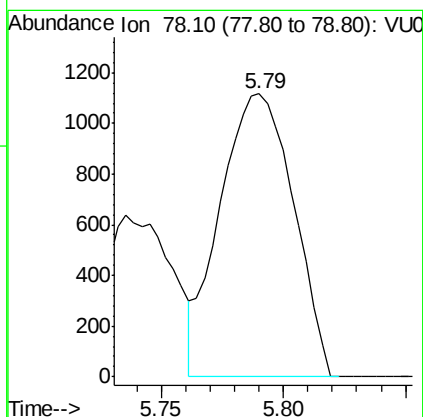
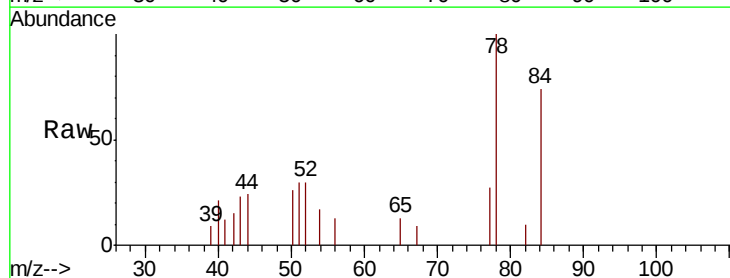
Instrument :
MSVOA_U
ClientSampleId :
BFSB1

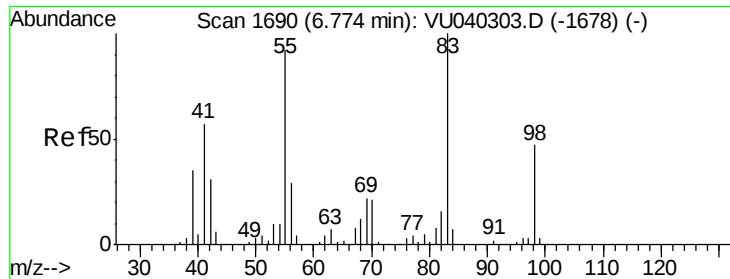
Tot Ion: 83 Resp: 2929
Ion Ratio Lower Upper
83 100
85 51.6 45.3 84.1



#33
Benzene
Concen: 0.046 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040327.D
Acq: 28 Sep 2020 13:01

Tgt Ion: 78 Resp: 2333

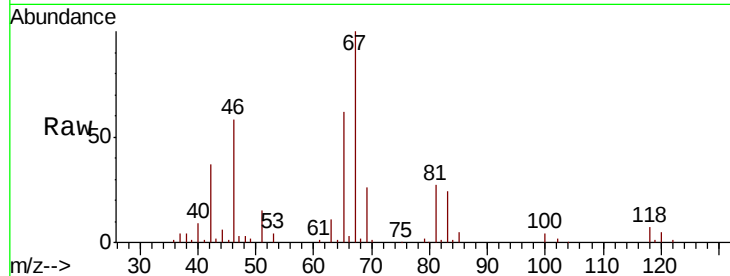




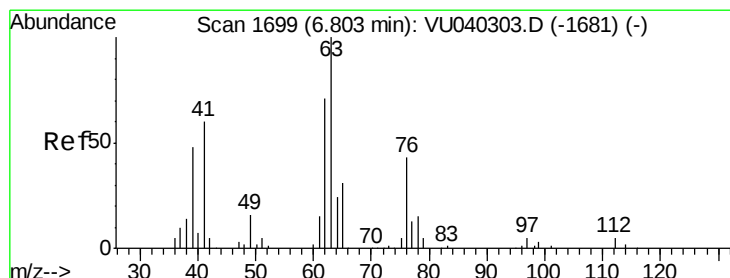
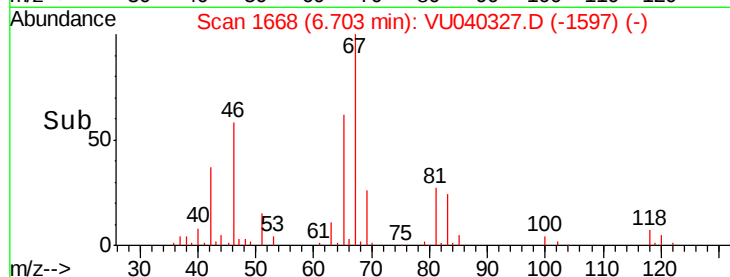
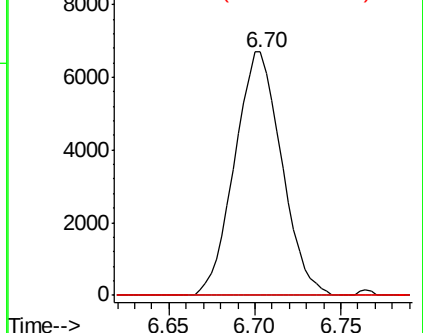
#35
Methvlcvclohexane
Concen: 0.608 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040327.D
Acq: 28 Sep 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :
BFSB1

Tot Ion: 83 Resp: 12691
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 2.3 37.8 56.6#

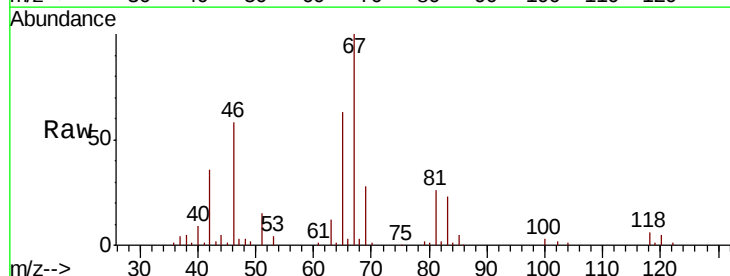


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

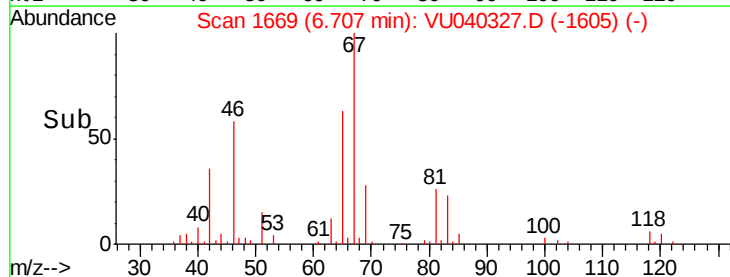
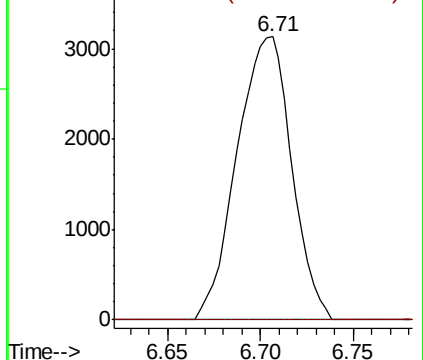


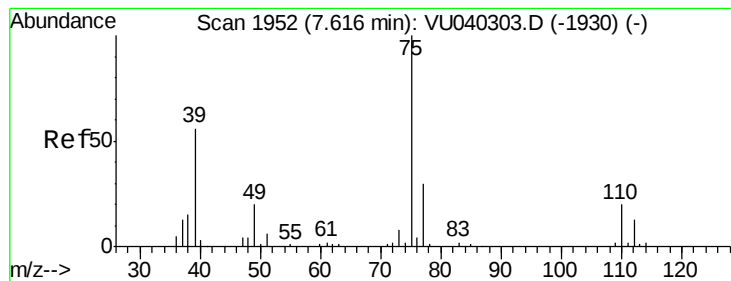
#37
1,2-Dichloropropane
Concen: 0.469 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040327.D
Acq: 28 Sep 2020 13:01

Tgt Ion: 63 Resp: 6452
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU040327.D

Acq: 28 Sep 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

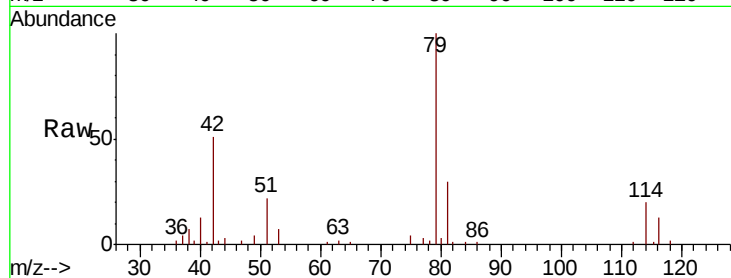
BFSB1

Tot Ion: 75 Resp: 1625

Ion Ratio Lower Upper

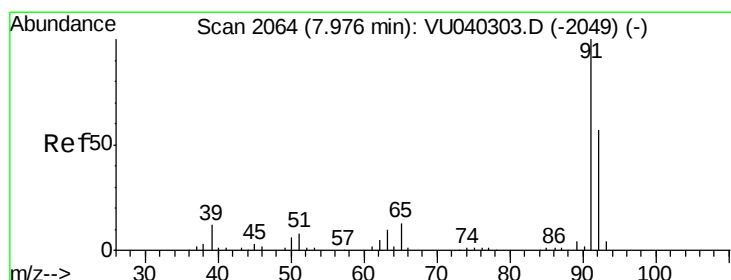
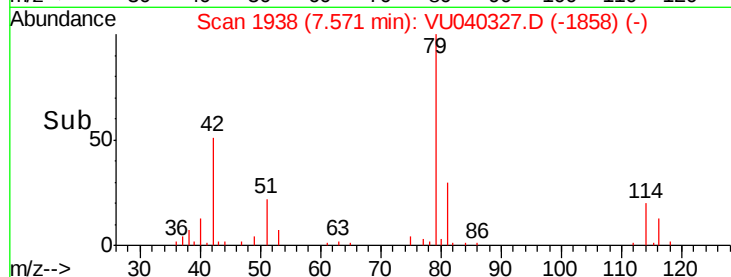
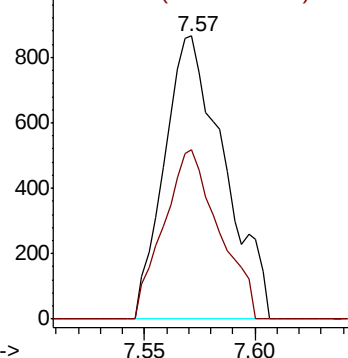
75 100

77 59.7 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#42

Toluene

Concen: 0.060 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VU040327.D

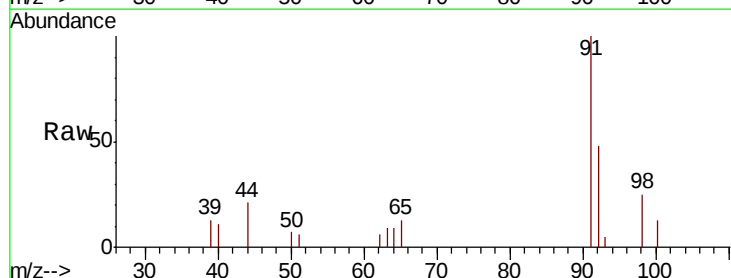
Acq: 28 Sep 2020 13:01

Tgt Ion: 91 Resp: 3156

Ion Ratio Lower Upper

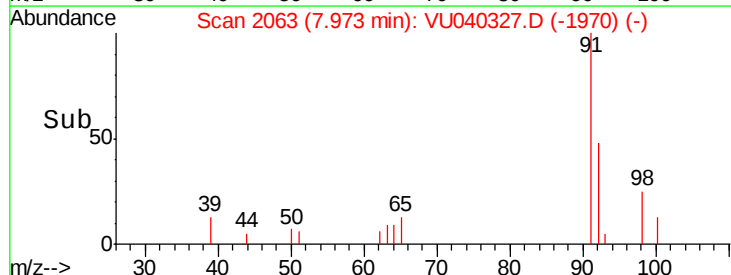
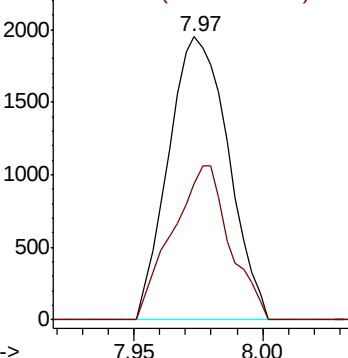
91 100

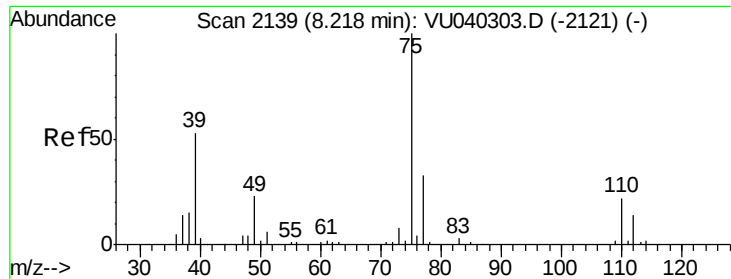
92 48.1 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.052 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040327.D

Acq: 28 Sep 2020 13:01

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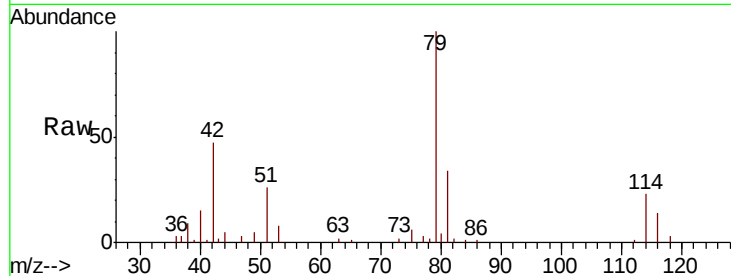
BFSB1

Tot Ion: 75 Resp: 984

Ion Ratio Lower Upper

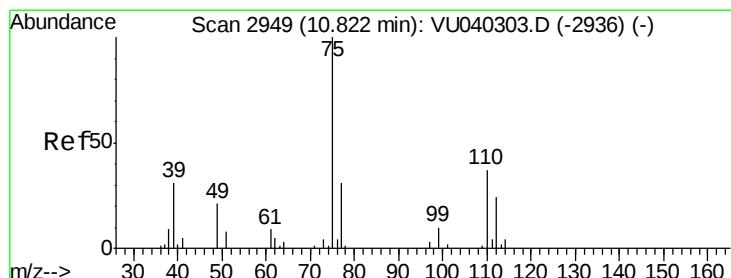
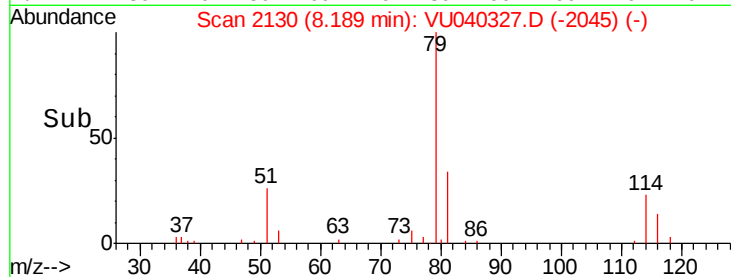
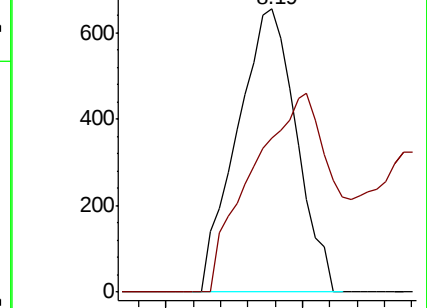
75 100

77 54.4 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.901 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040327.D

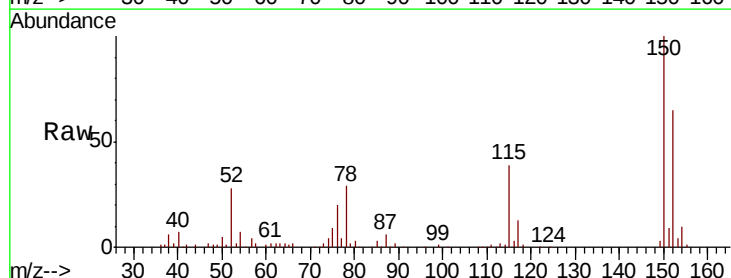
Acq: 28 Sep 2020 13:01

Tgt Ion: 75 Resp: 9175

Ion Ratio Lower Upper

75 100

77 41.3 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

