

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040300.D
 Acq On : 25 Sep 2020 15:15
 Operator : SY/MD
 Sample : L4147-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSH8

Quant Time: Sep 26 04:52:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 04:43:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	123042	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127129	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57405	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31865	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.92	69	30438	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.58	63	51699	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.66	46	159743	59.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.90%
24) Chloroform-d	5.08	84	71699	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.72	65	45877	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.75	84	135190	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.70	67	47547	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.91	98	110328	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.19	79	17794	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.64	63	109092	51.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	41931	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	45521	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

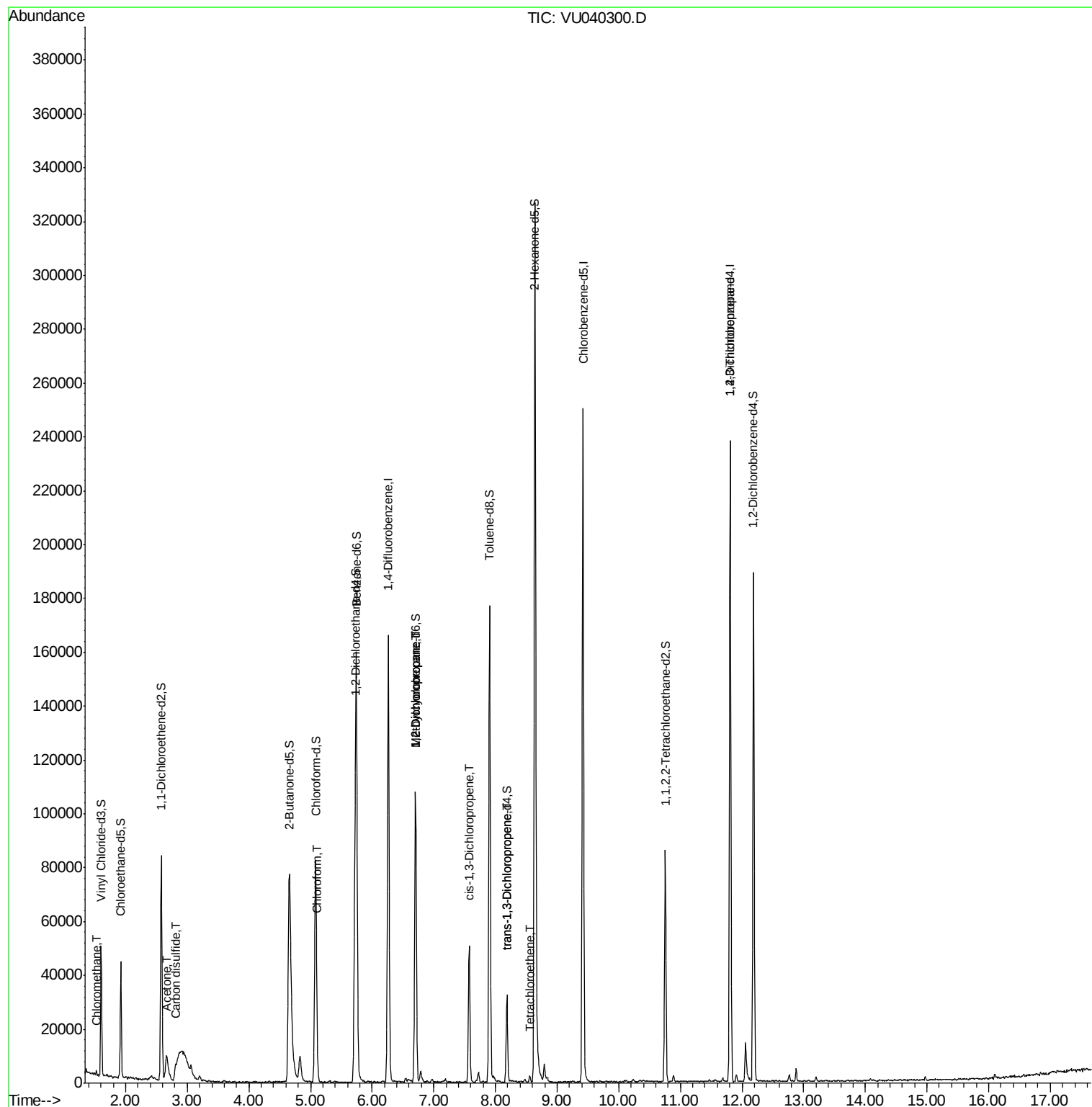
					Ovalue
3) Chloromethane	1.53	50	1373	0.117 ug/L	92
13) Acetone	2.67	43	20292	8.158 ug/L	98
14) Carbon disulfide	2.81	76	3748	0.123 ug/L #	94
25) Chloroform	5.11	83	2905	0.135 ug/L	87
35) Methylcyclohexane	6.70	83	10665	0.571 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5751	0.467 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1334	0.073 ug/L #	39
44) trans-1,3-Dichloropropene	8.19	75	907	0.054 ug/L	99
47) Tetrachloroethene	8.56	164	543	0.068 ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	8221	0.901 ug/L #	88

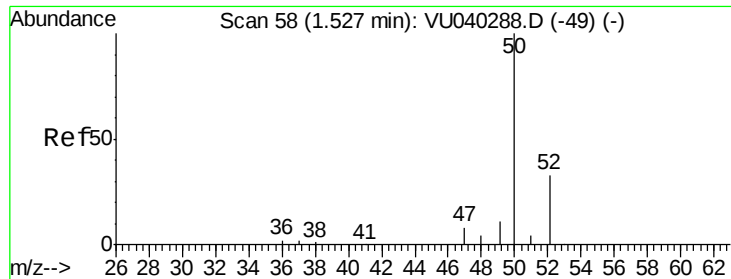
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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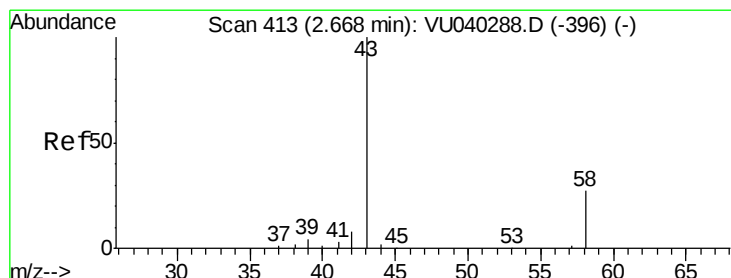
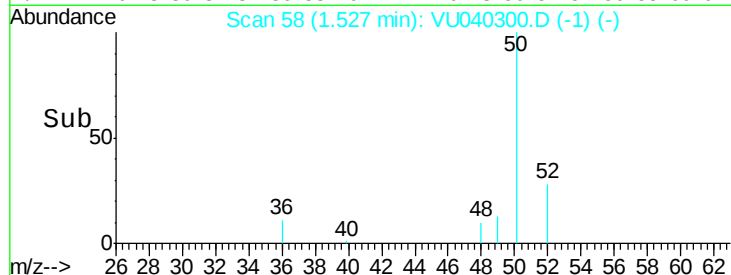
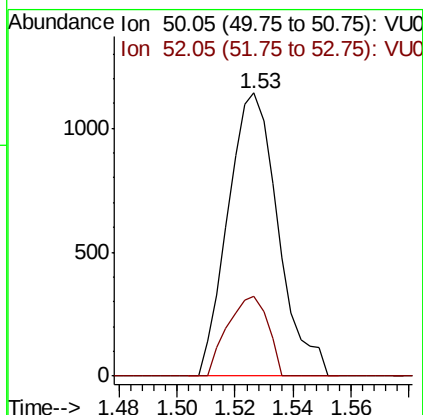
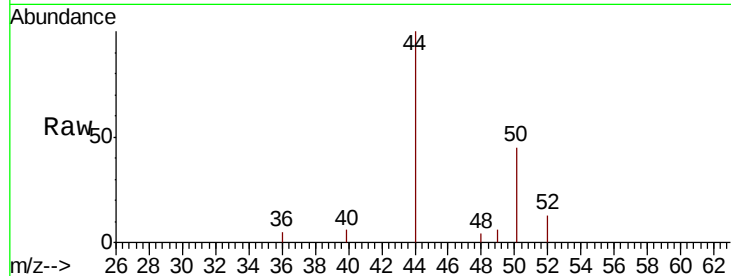




#3
 Chloromethane
 Concen: 0.117 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU040300.D
 Acq: 25 Sep 2020 15:15

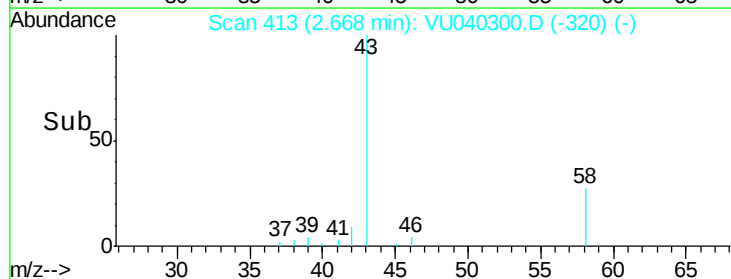
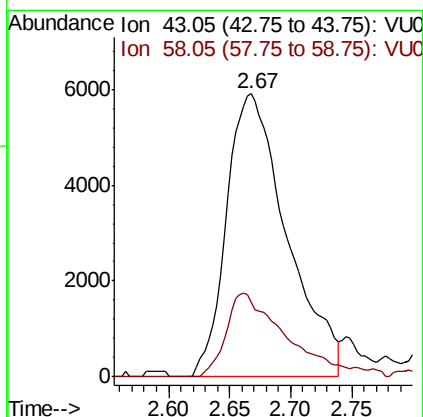
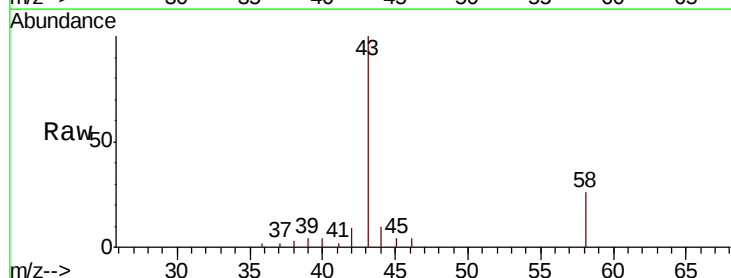
Instrument :
 MSVOA_U
 ClientSampleId :
 BFSH8

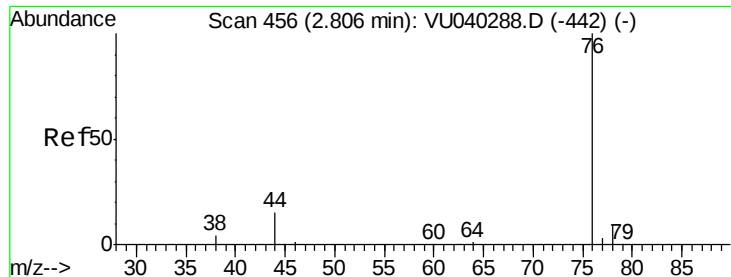
Tot Ion: 50 Resp: 1373
 Ion Ratio Lower Upper
 50 100
 52 28.2 22.8 42.4



#13
 Acetone
 Concen: 8.158 ug/L
 RT: 2.67 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: VU040300.D
 Acq: 25 Sep 2020 15:15

Tgt Ion: 43 Resp: 20292
 Ion Ratio Lower Upper
 43 100
 58 28.8 0.0 55.4





#14

Carbon disulfide

Concen: 0.123 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040300.D

Acq: 25 Sep 2020 15:15

Instrument :

MSVOA_U

ClientSampleId :

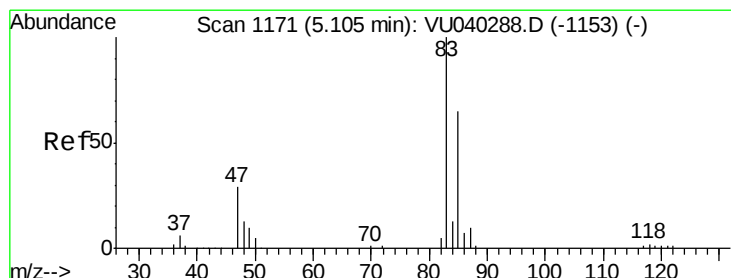
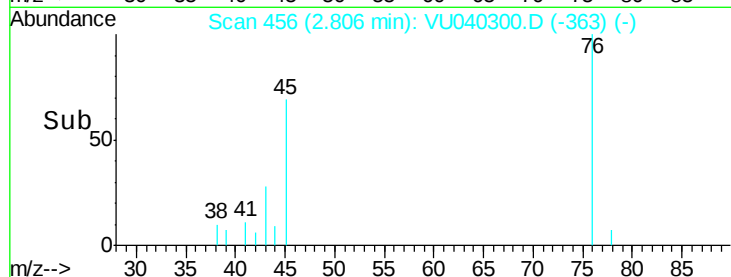
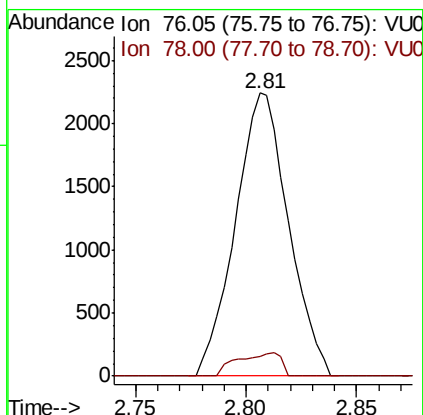
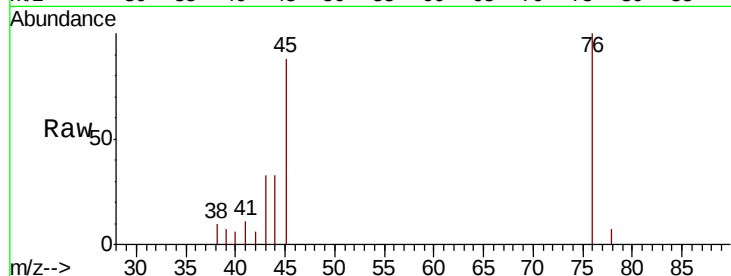
BFSH8

Tot Ion: 76 Resp: 3748

Ion Ratio Lower Upper

76 100

78 7.0 7.2 10.8#



#25

Chloroform

Concen: 0.135 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040300.D

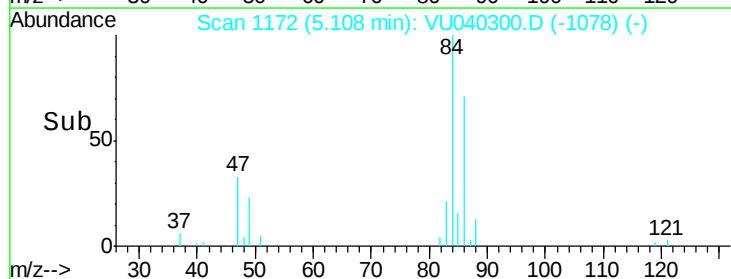
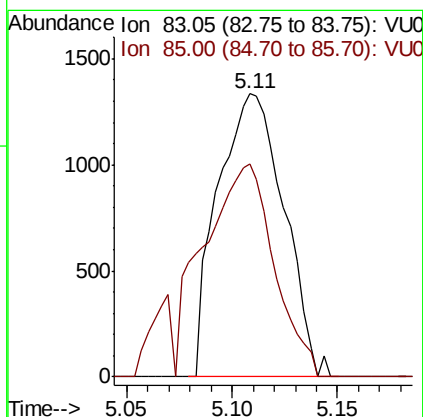
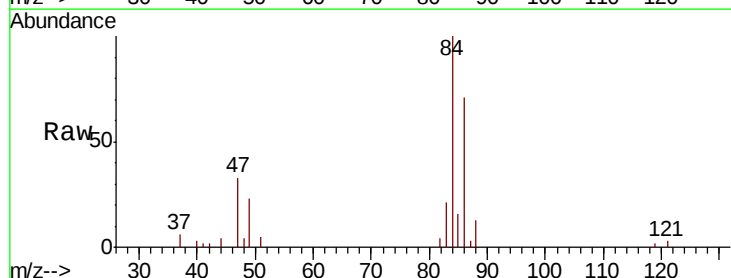
Acq: 25 Sep 2020 15:15

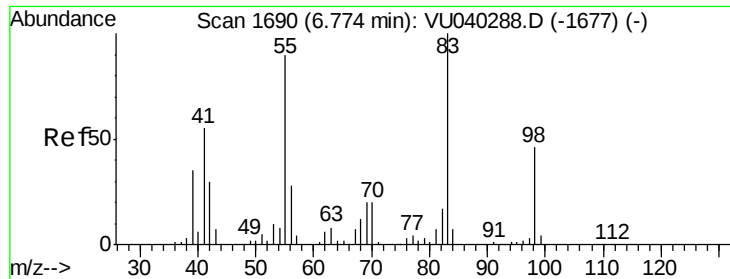
Tgt Ion: 83 Resp: 2905

Ion Ratio Lower Upper

83 100

85 75.1 45.3 84.1

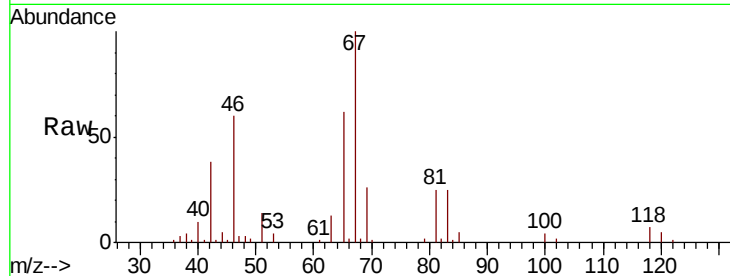




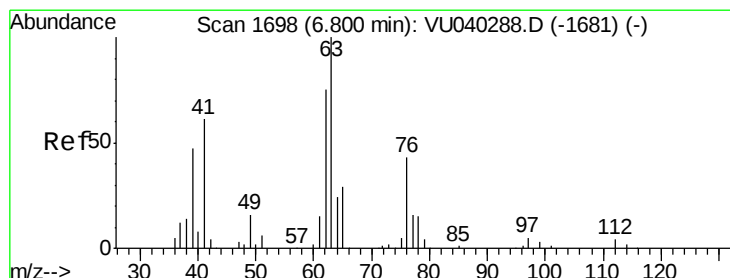
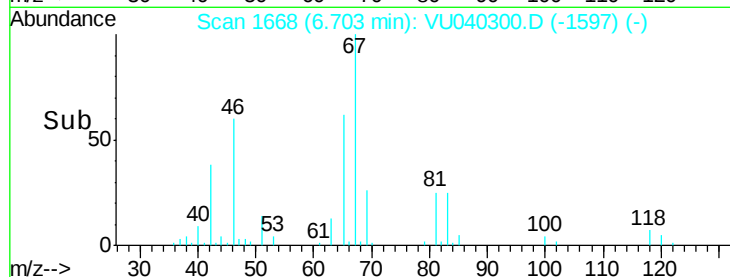
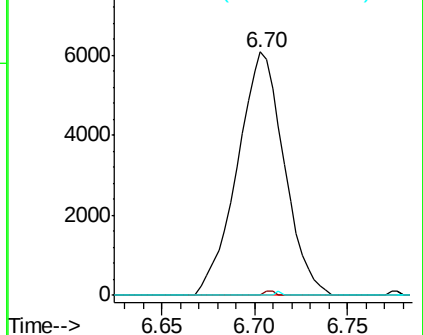
#35
Methvlcvclohexane
Concen: 0.571 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040300.D
Acq: 25 Sep 2020 15:15

Instrument :
MSVOA_U
ClientSampleId :
BFSH8

Tot Ion: 83 Resp: 10665
Ion Ratio Lower Upper
83 100
55 0.4 70.5 105.7#
98 0.2 37.8 56.6#

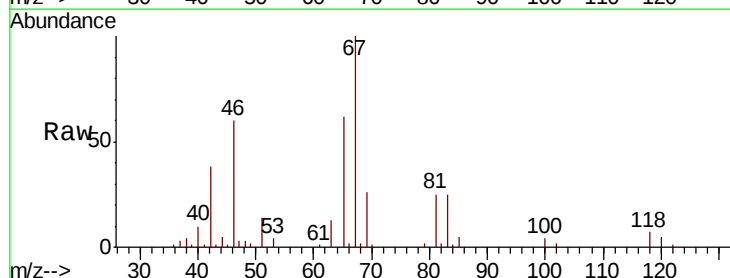


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

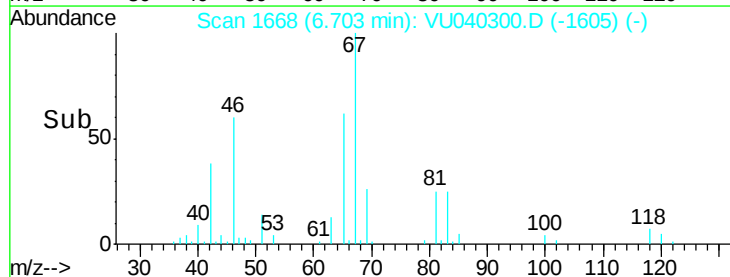
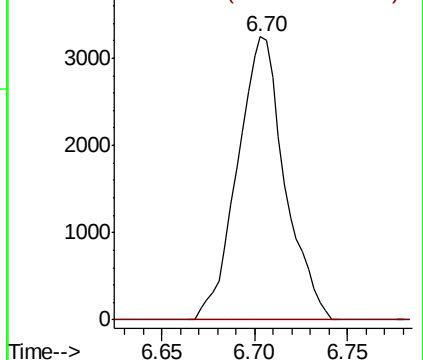


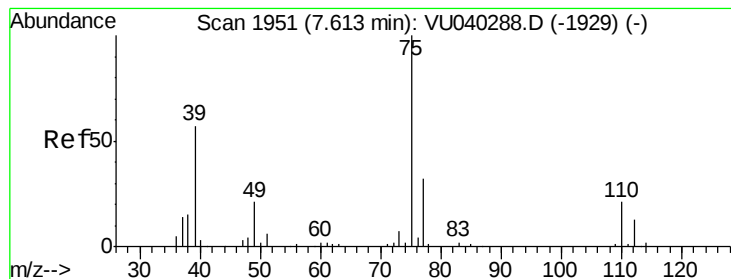
#37
1,2-Dichloropropane
Concen: 0.467 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040300.D
Acq: 25 Sep 2020 15:15

Tgt Ion: 63 Resp: 5751
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: 0.073 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU040300.D

Acq: 25 Sep 2020 15:15

Instrument :

MSVOA_U

ClientSampleId :

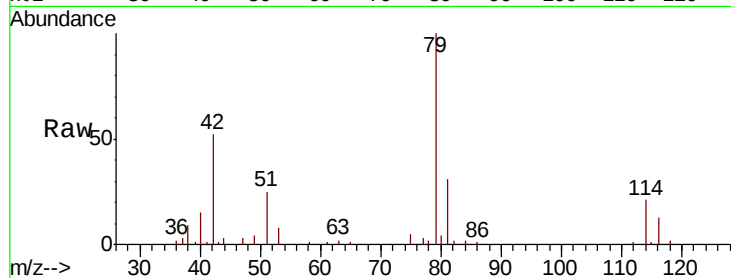
BFSH8

Tot Ion: 75 Resp: 1334

Ion Ratio Lower Upper

75 100

77 63.6 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.57

800

600

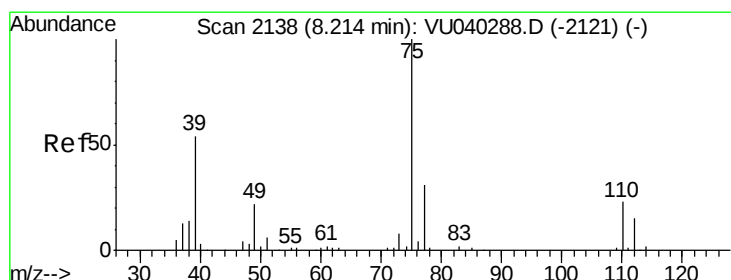
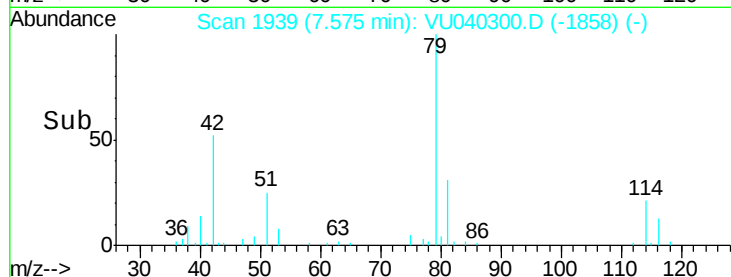
400

200

0

7.55 7.60

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.054 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040300.D

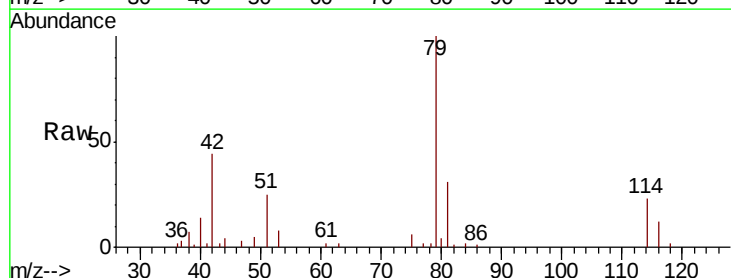
Acq: 25 Sep 2020 15:15

Tgt Ion: 75 Resp: 907

Ion Ratio Lower Upper

75 100

77 33.3 23.9 44.3



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

600

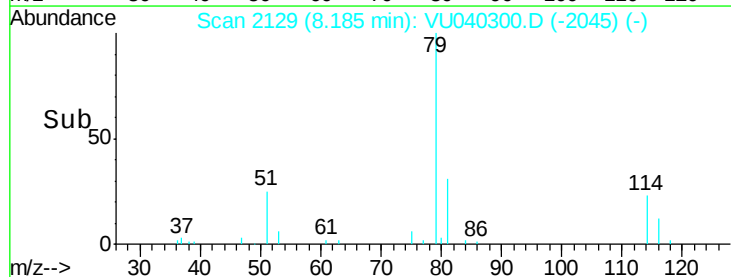
400

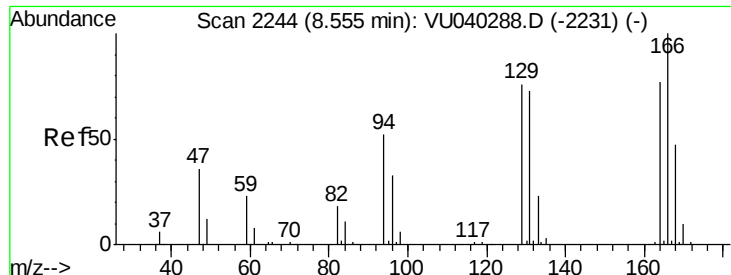
200

0

8.15 8.20

Time-->





#47

Tetrachloroethene

Concen: 0.068 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU040300.D

Acq: 25 Sep 2020 15:15

Instrument :

MSVOA_U

ClientSampleId :

BFSH8

Tot Ion:164 Resp: 543

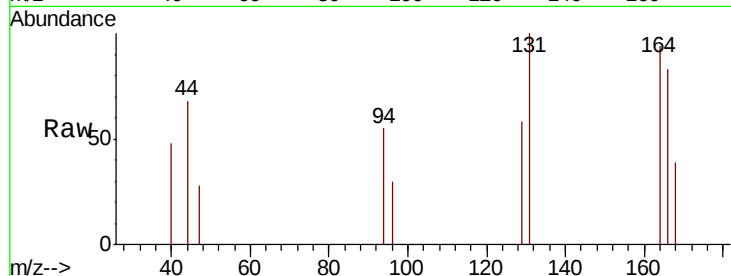
Ion Ratio Lower Upper

164 100

129 61.4 71.5 132.7#

131 106.3 65.9 122.5

166 88.4 87.3 162.1

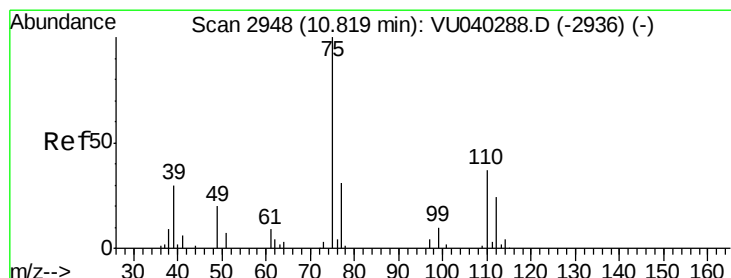
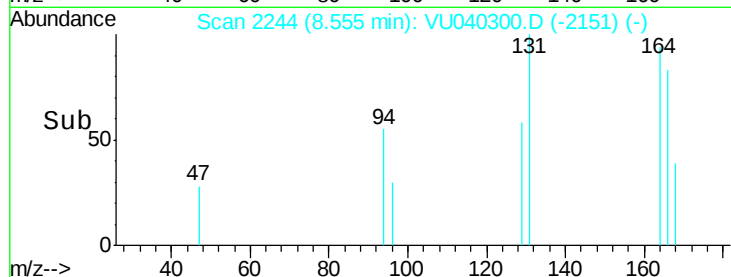
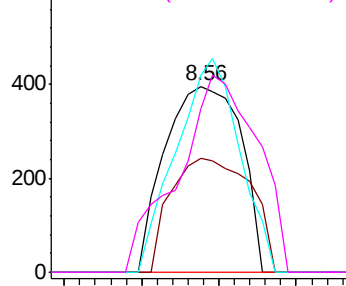


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#59

1,2,3-Trichloropropane

Concen: 0.901 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040300.D

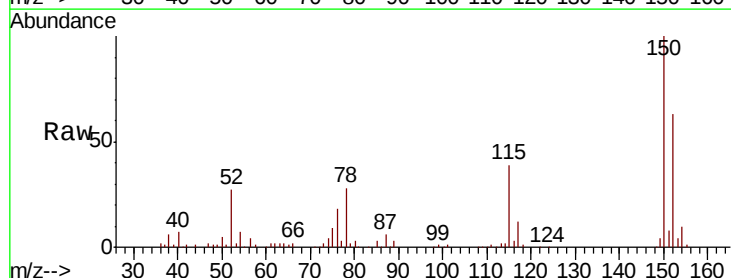
Acq: 25 Sep 2020 15:15

Tgt Ion: 75 Resp: 8221

Ion Ratio Lower Upper

75 100

77 37.9 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

