

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040310.D
 Acq On : 25 Sep 2020 19:24
 Operator : SY/MD
 Sample : L4147-02DL10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS7DL

Quant Time: Sep 26 06:52:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 06:44:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	122412	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123618	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55868	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33225	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.92	69	30969	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.58	63	56482	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.66	46	169958	63.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.16%
24) Chloroform-d	5.08	84	76859	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.72	65	49051	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.74	84	143183	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.70	67	49768	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.91	98	114154	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	8.19	79	18267	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.64	63	119589	57.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.54%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44220	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	45885	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

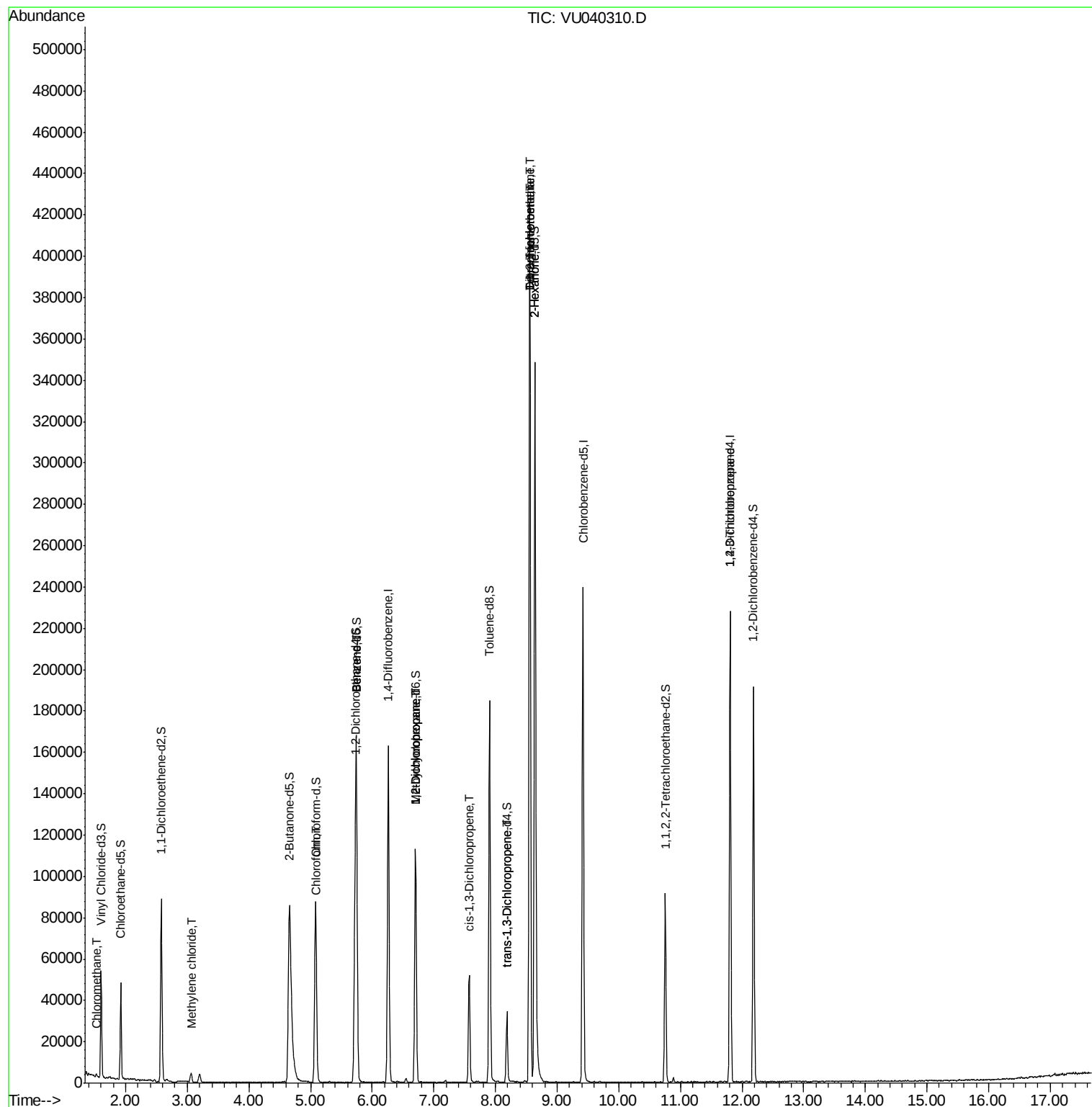
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	1262	0.109	ug/L	99
16) Methylene chloride	3.06	84	2019	0.163	ug/L	79
25) Chloroform	5.10	83	2108	0.098	ug/L	98
33) Benzene	5.74	78	1221	0.028	ug/L	100
35) Methylcyclohexane	6.70	83	11790	0.649	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5561	0.464	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1255	0.071	ug/L #	50
44) trans-1,3-Dichloropropene	8.18	75	842	0.051	ug/L #	73
45) 1,1,2-Trichloroethane	8.56	97	852	0.098	ug/L #	19
47) Tetrachloroethene	8.56	164	86175	11.059	ug/L	97
48) 2-Hexanone	8.64	43	17255	2.408	ug/L #	73
49) Dibromochloromethane	8.56	129	83081	7.935	ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	7798	0.879	ug/L #	85

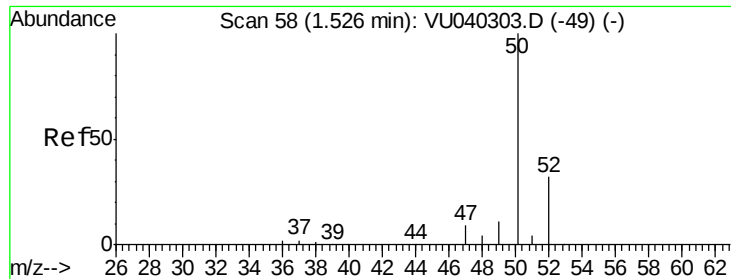
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 26 06:44:13 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.109 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040310.D

Acq: 25 Sep 2020 19:24

Instrument :

MSVOA_U

ClientSampleId :

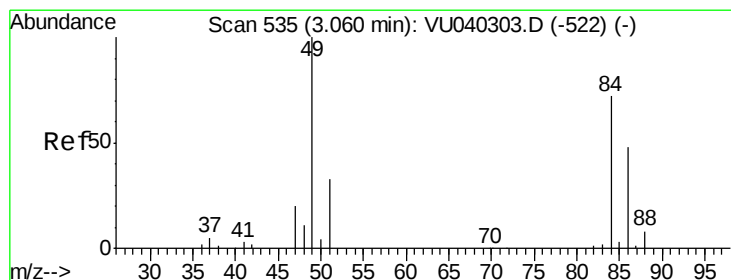
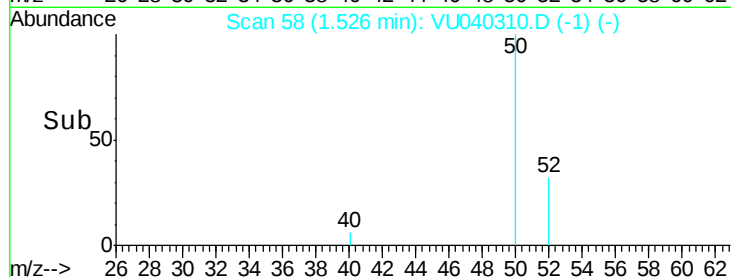
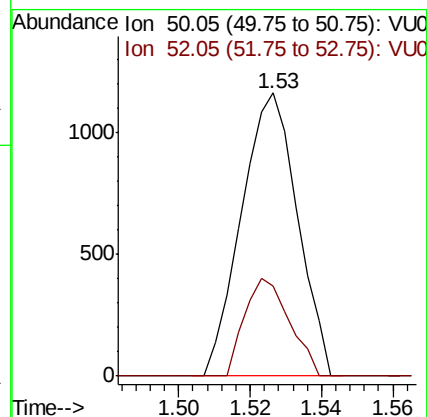
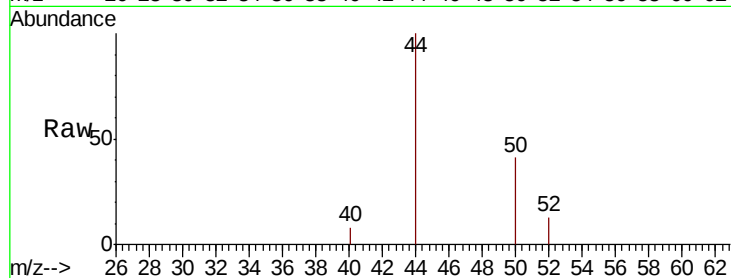
BFSA7DL

Tot Ion: 50 Resp: 1262

Ion Ratio Lower Upper

50 100

52 31.9 22.8 42.4



#16

Methylene chloride

Concen: 0.163 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU040310.D

Acq: 25 Sep 2020 19:24

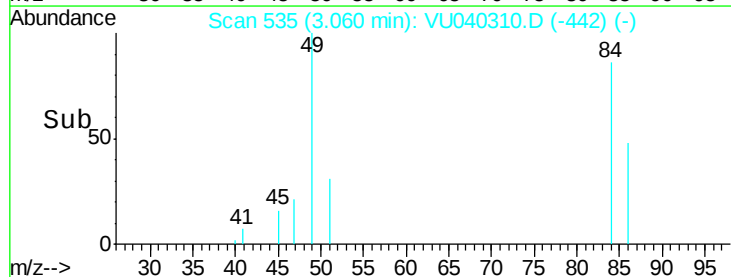
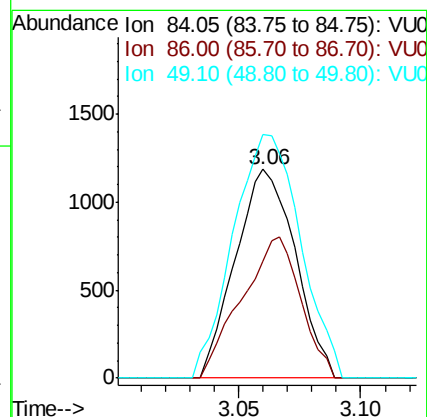
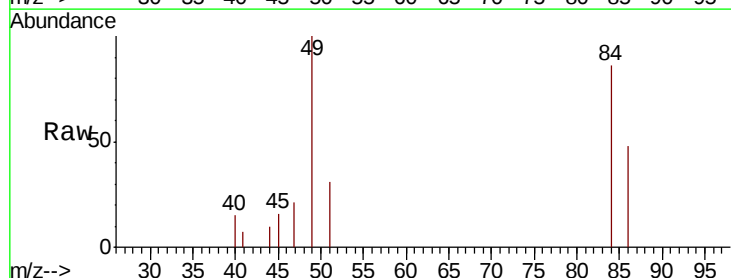
Tgt Ion: 84 Resp: 2019

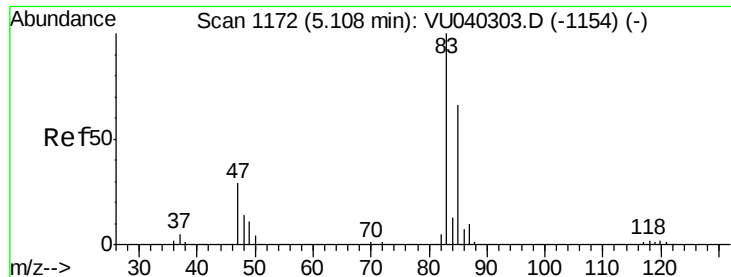
Ion Ratio Lower Upper

84 100

86 55.9 45.2 84.0

49 116.6 104.0 193.2

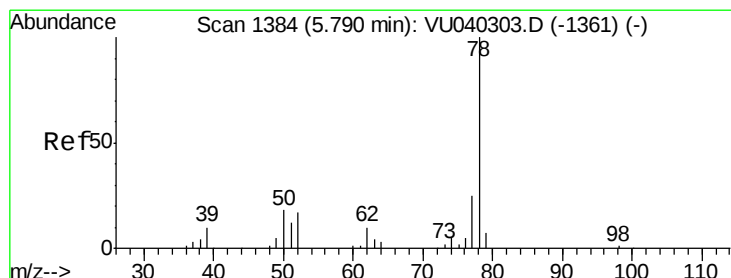
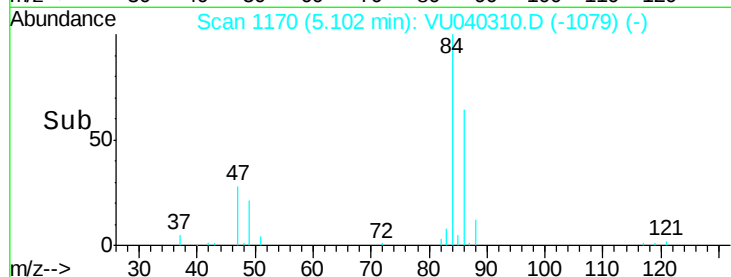
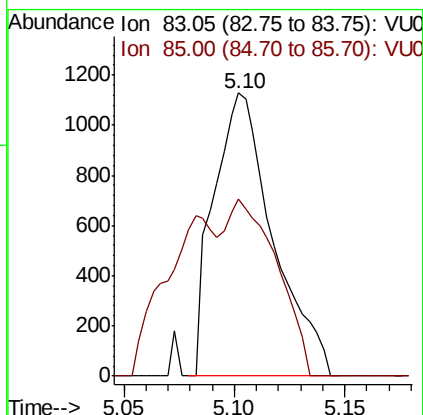
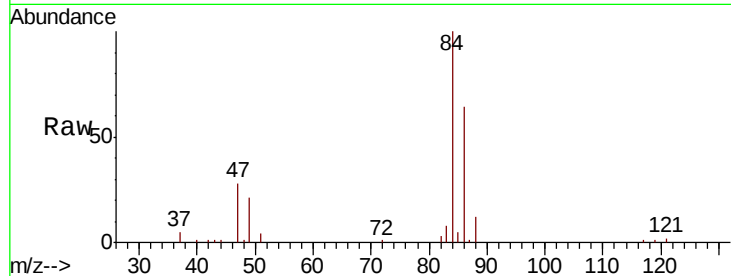




#25
Chloroform
Concen: 0.098 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.01 min
Lab File: VU040310.D
Acq: 25 Sep 2020 19:24

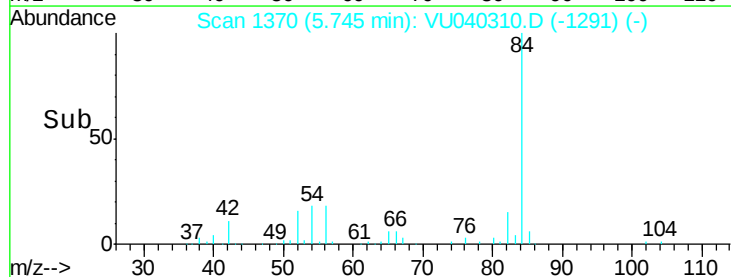
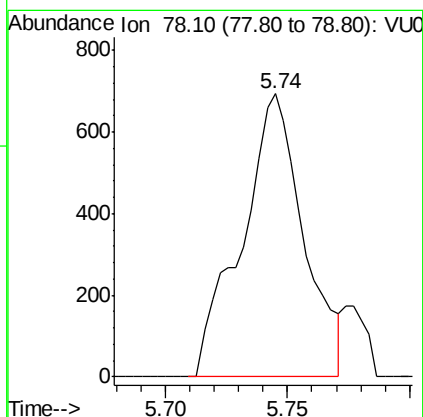
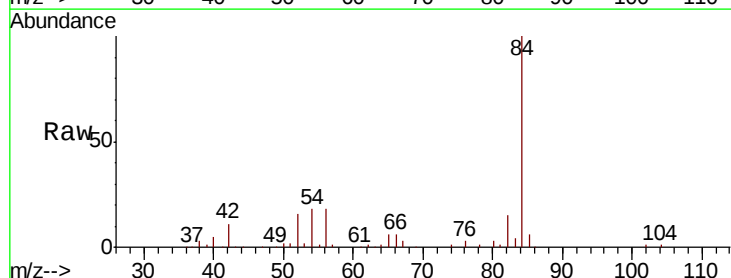
Instrument :
MSVOA_U
ClientSampleId :
BFS7DL

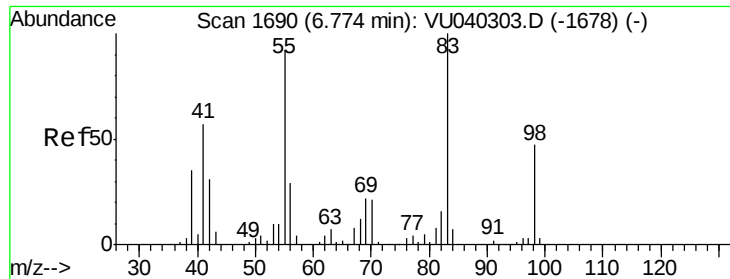
Tot Ion: 83 Resp: 2108
Ion Ratio Lower Upper
83 100
85 62.8 45.3 84.1



#33
Benzene
Concen: 0.028 ug/L
RT: 5.74 min Scan# 1370
Delta R.T. -0.05 min
Lab File: VU040310.D
Acq: 25 Sep 2020 19:24

Tgt Ion: 78 Resp: 1221

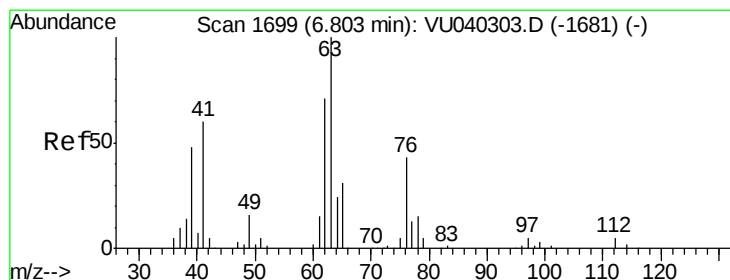
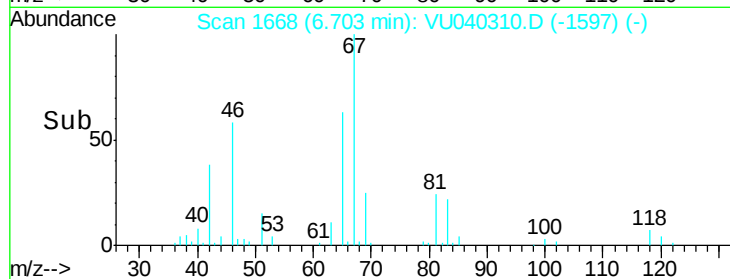
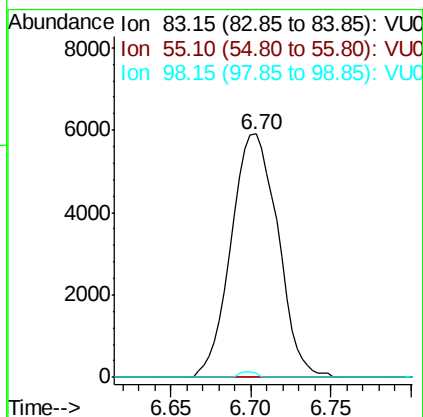
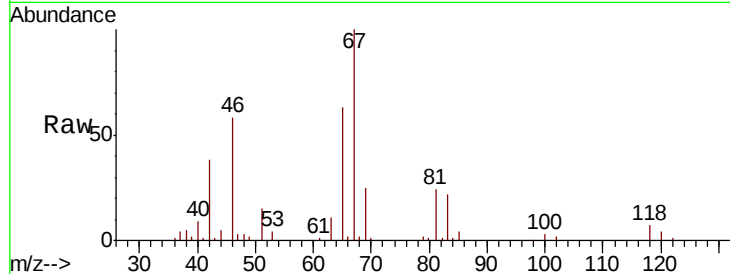




#35
Methvlcvclohexane
Concen: 0.649 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040310.D
Acq: 25 Sep 2020 19:24

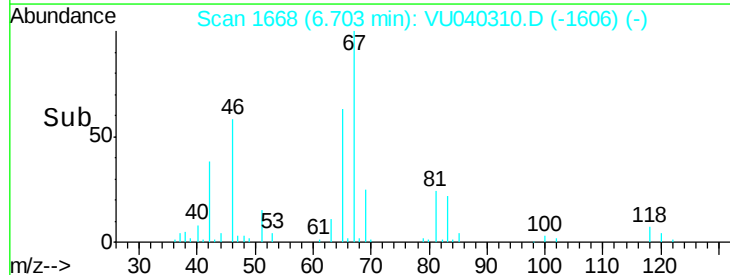
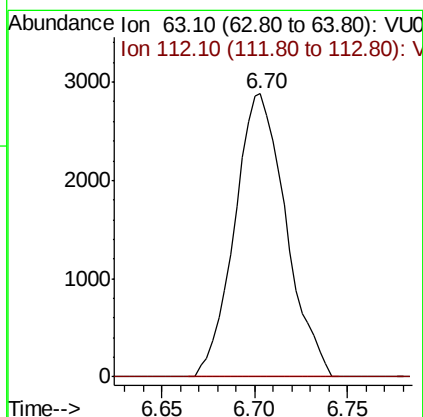
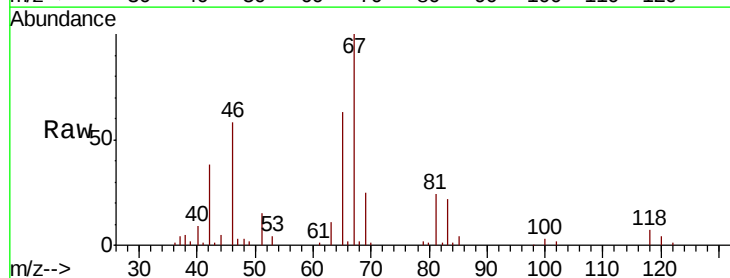
Instrument :
MSVOA_U
ClientSampleId :
BFS7DL

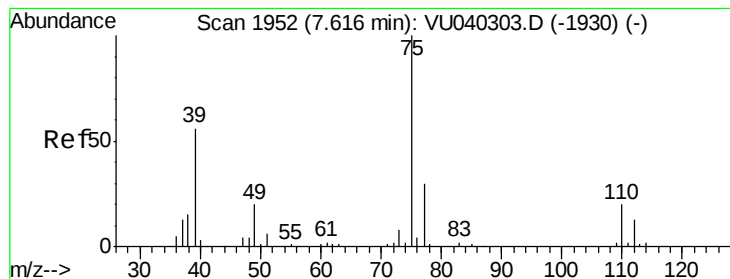
Tot Ion: 83 Resp: 11790
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.7 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.464 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040310.D
Acq: 25 Sep 2020 19:24

Tgt Ion: 63 Resp: 5561
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU040310.D

Acq: 25 Sep 2020 19:24

Instrument :

MSVOA_U

ClientSampleId :

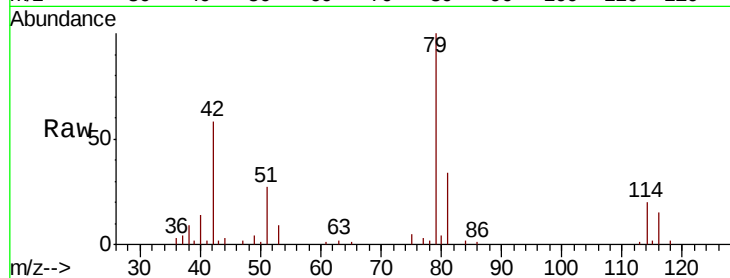
BFSA7DL

Tot Ion: 75 Resp: 1255

Ion Ratio Lower Upper

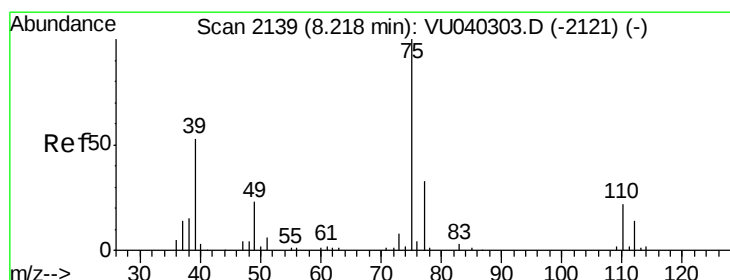
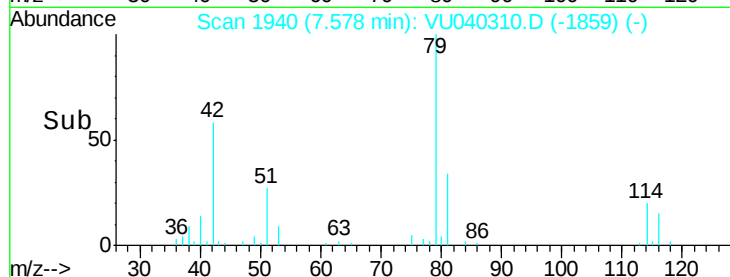
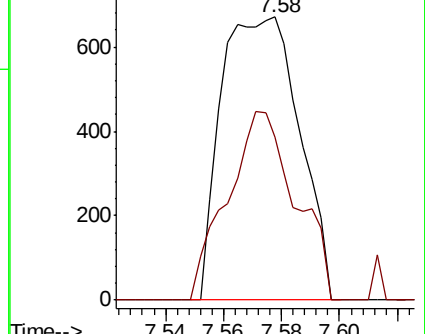
75 100

77 57.5 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.051 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.04 min

Lab File: VU040310.D

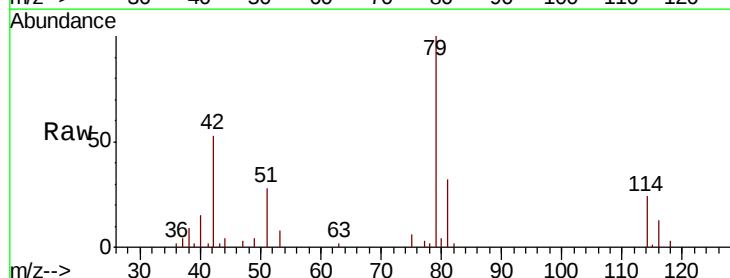
Acq: 25 Sep 2020 19:24

Tgt Ion: 75 Resp: 842

Ion Ratio Lower Upper

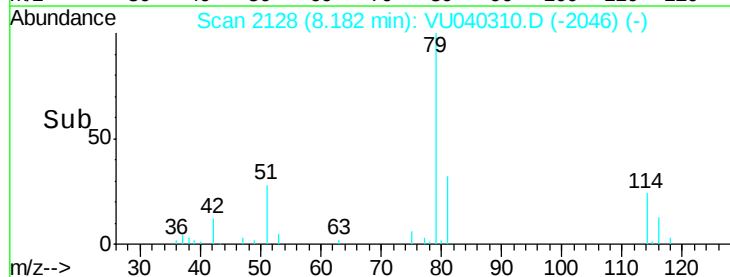
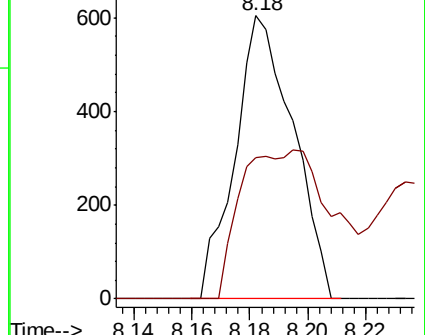
75 100

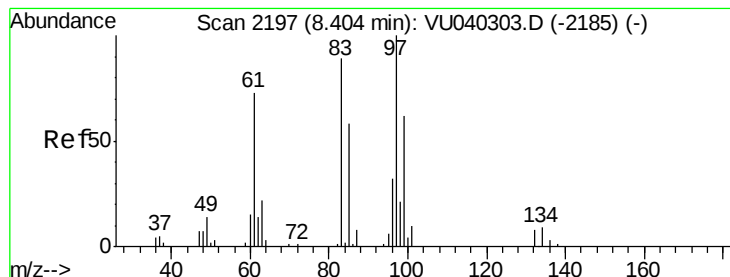
77 49.8 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0





#45

1,1,2-Trichloroethane

Concen: 0.098 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.15 min

Lab File: VU040310.D

Acq: 25 Sep 2020 19:24

Instrument :

MSVOA_U

ClientSampleId :

BFSA7DL

Tot Ion: 97 Resp: 852

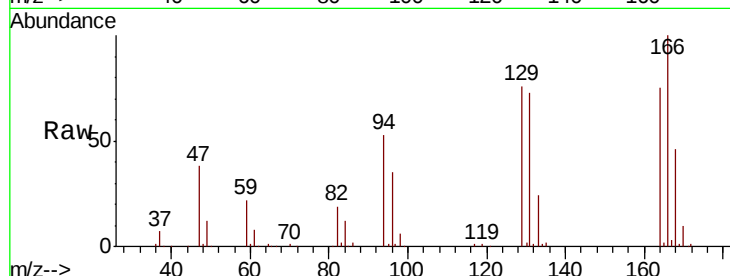
Ion Ratio Lower Upper

97 100

99 26.4 43.0 79.8#

83 218.7 61.7 114.7#

85 37.6 39.3 73.1#



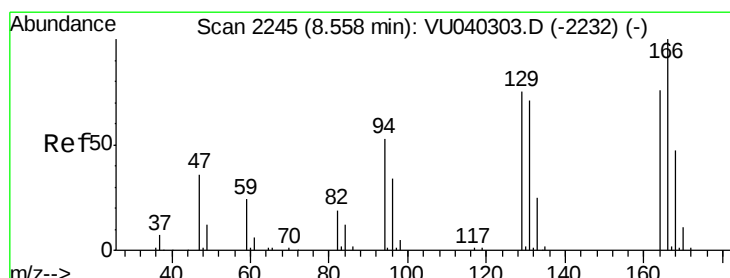
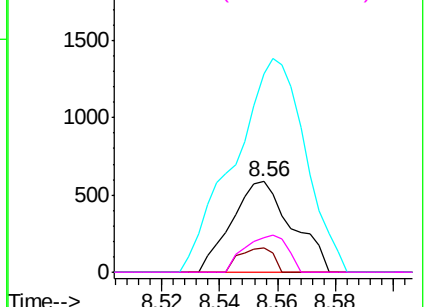
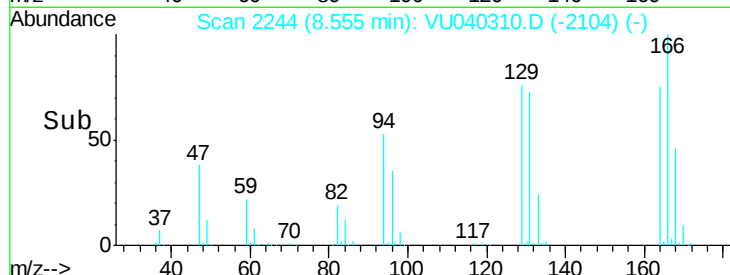
Abundance

Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0



#47

Tetrachloroethene

Concen: 11.059 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU040310.D

Acq: 25 Sep 2020 19:24

Tgt Ion: 164 Resp: 86175

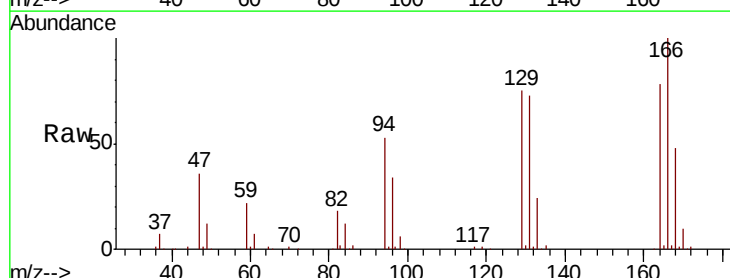
Ion Ratio Lower Upper

164 100

129 97.2 71.5 132.7

131 94.6 65.9 122.5

166 128.9 87.3 162.1



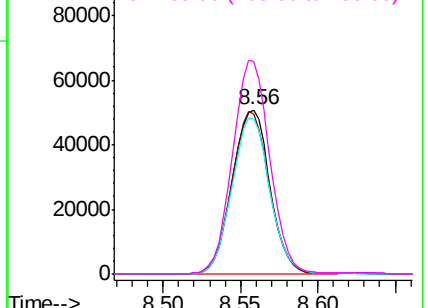
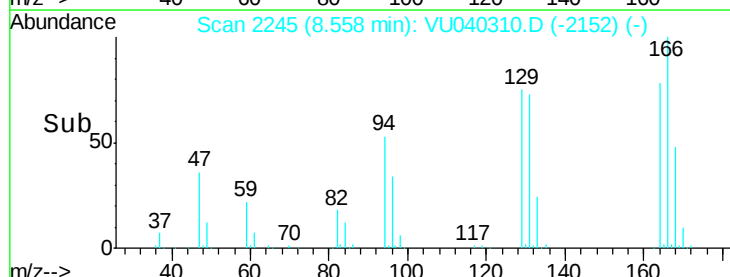
Abundance

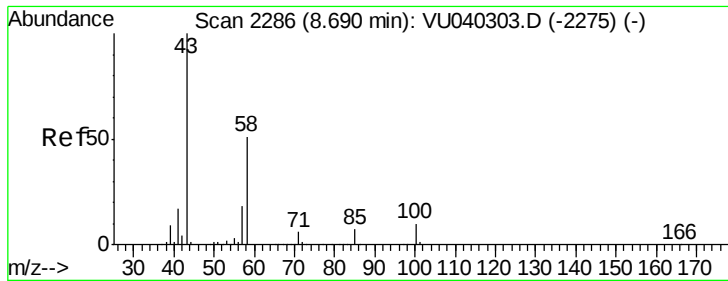
Ion 163.90 (163.60 to 164.60): V

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

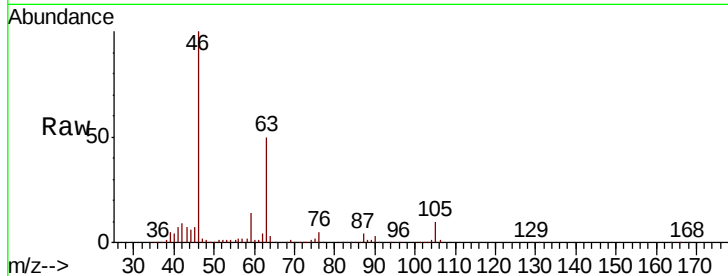




#48
2-Hexanone
Concen: 2.408 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040310.D
Acq: 25 Sep 2020 19:24

Instrument :
MSVOA_U
ClientSampleId :
BFS7DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	28.9	39.6	59.4#
57	25.6	14.3	21.5#
100	0.4	8.0	12.0#

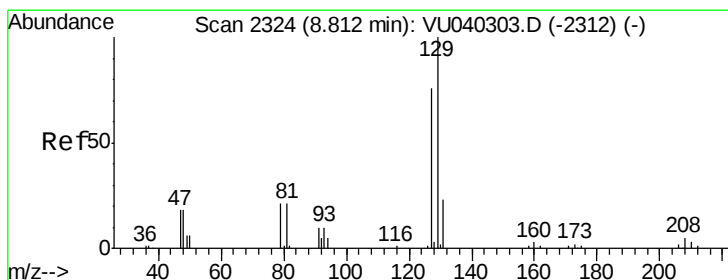
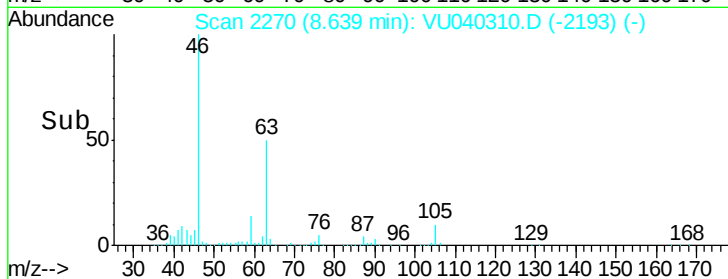
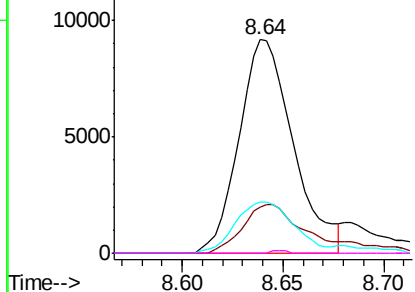


Abundance Ion 43.05 (42.75 to 43.75): VU040310.D (-2275) (-)

Ion 58.05 (57.75 to 58.75): VU040310.D (-2275) (-)

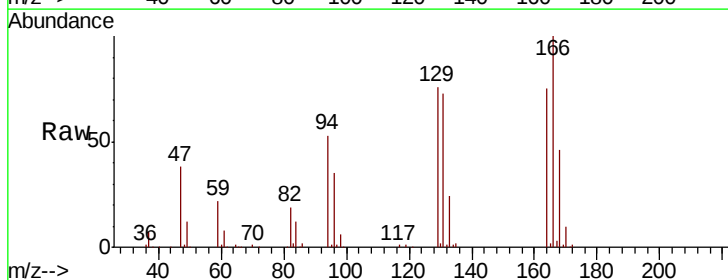
Ion 57.20 (56.90 to 57.90): VU040310.D (-2275) (-)

Ion 100.15 (99.85 to 100.85): VU040310.D (-2275) (-)



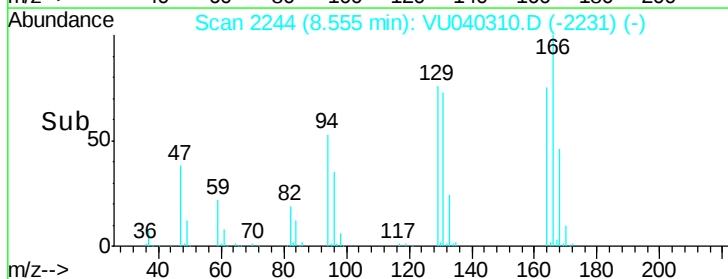
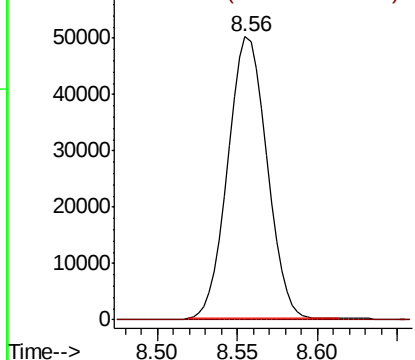
#49
Dibromochloromethane
Concen: 7.935 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU040310.D
Acq: 25 Sep 2020 19:24

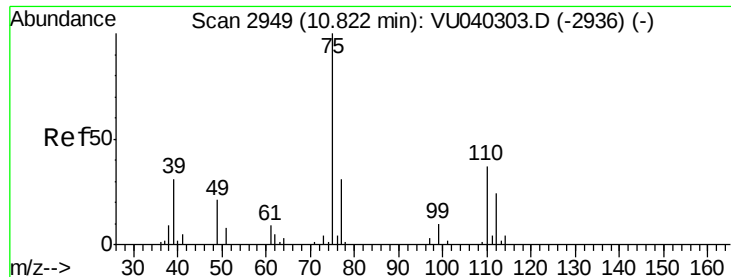
Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.7	99.7#



Abundance Ion 128.95 (128.65 to 129.65): VU040310.D (-2231) (-)

Ion 126.90 (126.60 to 127.60): VU040310.D (-2231) (-)





#59

1,2,3-Trichloropropane

Concen: 0.879 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040310.D

Acq: 25 Sep 2020 19:24

Instrument :

MSVOA_U

ClientSampleId :

BFSA7DL

Tot Ion: 75 Resp: 7798

Ion Ratio Lower Upper

75 100

77 39.6 24.9 37.3#

