

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061520\
 Data File : VU038912.D
 Acq On : 15 Jun 2020 23:18
 Operator : SY/MD
 Sample : L2985-06DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT74DL

Quant Time: Jun 16 02:01:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 16 01:57:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	287250	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	318491	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	132318	5.00	ug/L	0.00

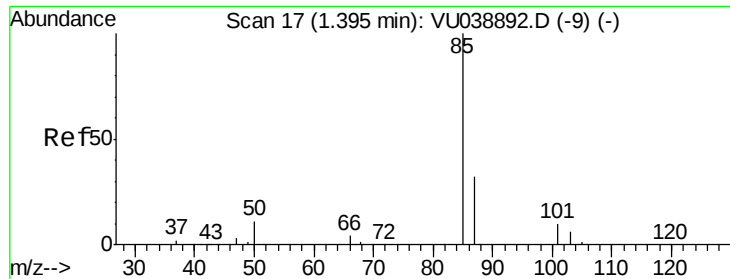
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85087	5.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.00%
7) Chloroethane-d5	1.93	69	97208	6.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	138.40%#
11) 1,1-Dichloroethene-d2	2.58	63	141649	4.08	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	4.69	46	342735	66.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.32%#
24) Chloroform-d	5.10	84	187056	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.74	65	115592	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	5.76	84	368744	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.72	67	114721	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.92	98	305854	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.20	79	46247	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.67	63	279022	57.95	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.90%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	104693	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	129832	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	3549	0.127 ug/L	96
3) Chloromethane	1.53	50	2367	0.101 ug/L	98
9) Trichlorofluoromethane	2.15	101	23014	0.539 ug/L	97
12) 1,1-Dichloroethene	2.59	96	3757	0.185 ug/L #	1
16) Methylene chloride	3.07	84	7444	0.319 ug/L	97
22) cis-1,2-Dichloroethene	4.70	96	17973	0.799 ug/L	93
34) Trichloroethene	6.57	95	125819	5.093 ug/L	99
35) Methylcyclohexane	6.72	83	28766	0.782 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12639	0.518 ug/L #	85
39) cis-1,3-Dichloropropene	7.59	75	3350	0.096 ug/L #	71
47) Tetrachloroethene	8.57	164	82691	4.368 ug/L	99
49) Dibromochloromethane	8.57	129	77271	3.569 ug/L #	9
59) 1,2,3-Trichloropropane	11.83	75	16256	0.864 ug/L #	87

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



#2

Dichlorodifluoromethane

Concen: 0.127 ug/L

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU038912.D

Acq: 15 Jun 2020 23:18

Instrument :

MSVOA_U

ClientSampleId :

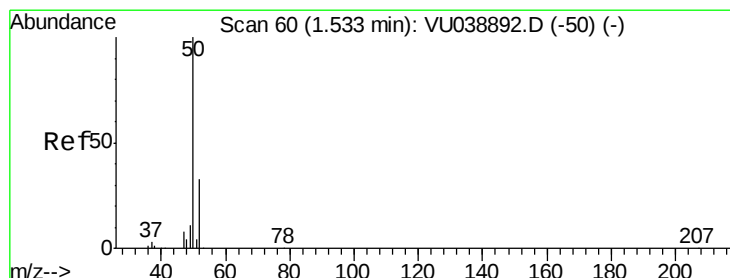
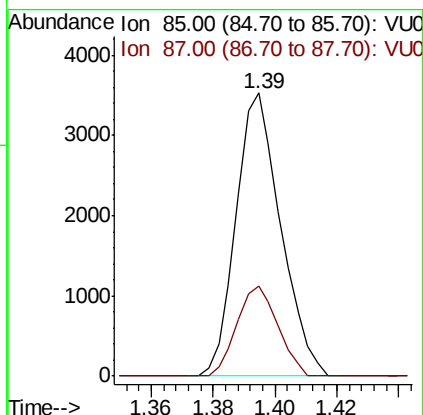
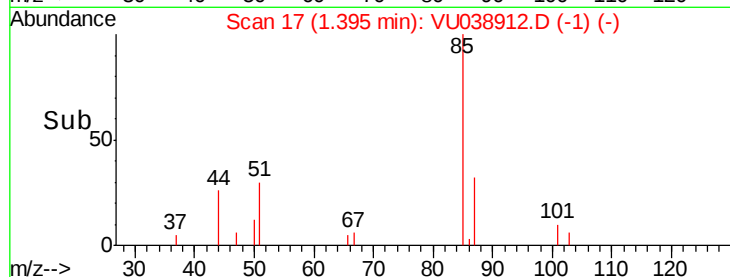
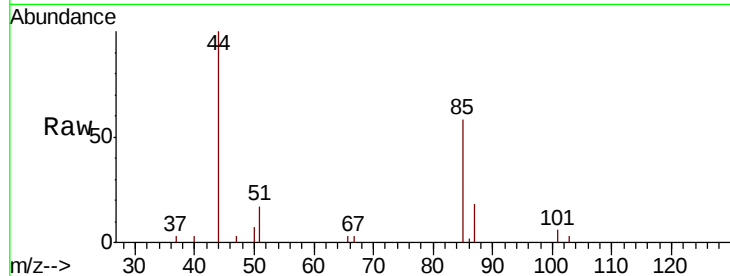
BFT74DL

Tot Ion: 85 Resp: 3549

Ion Ratio Lower Upper

85 100

87 29.0 25.0 37.6



#3

Chloromethane

Concen: 0.101 ug/L

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU038912.D

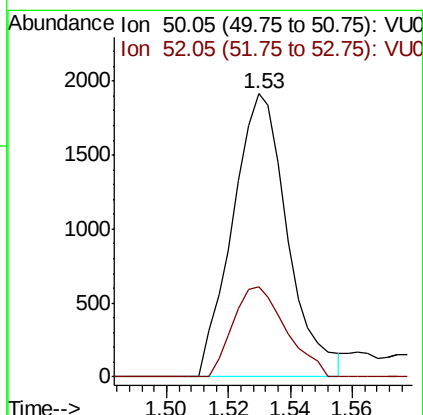
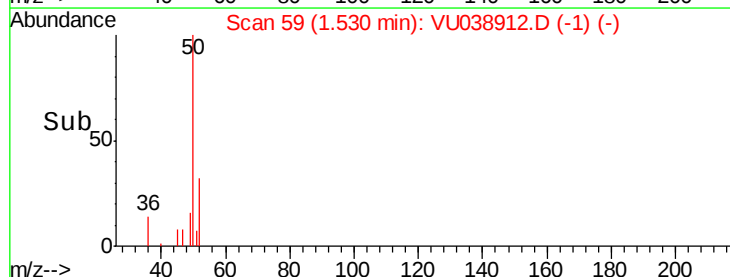
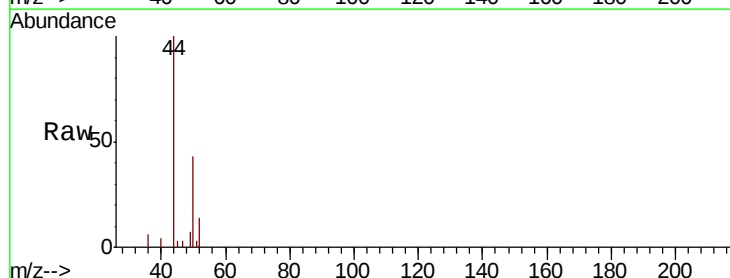
Acq: 15 Jun 2020 23:18

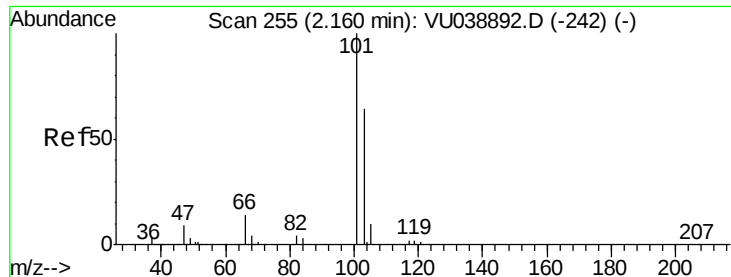
Tgt Ion: 50 Resp: 2367

Ion Ratio Lower Upper

50 100

52 31.9 23.0 42.6



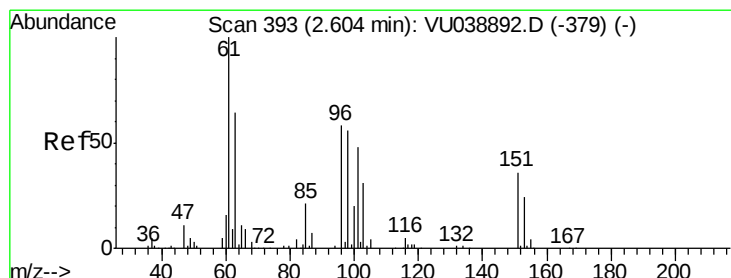
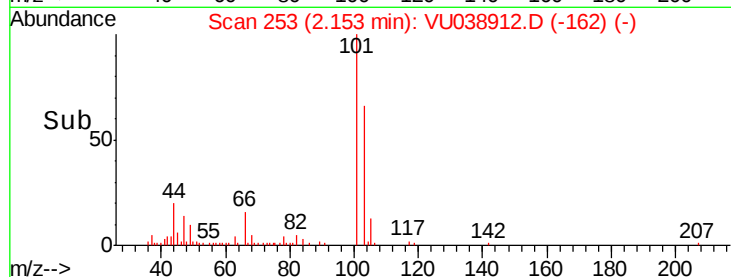
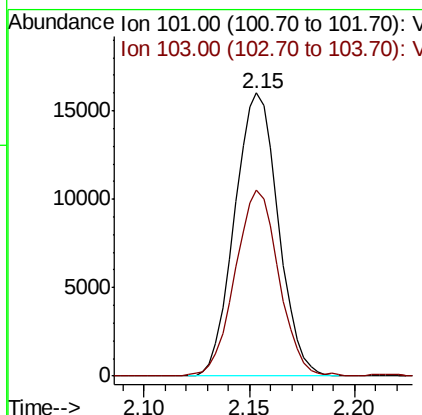
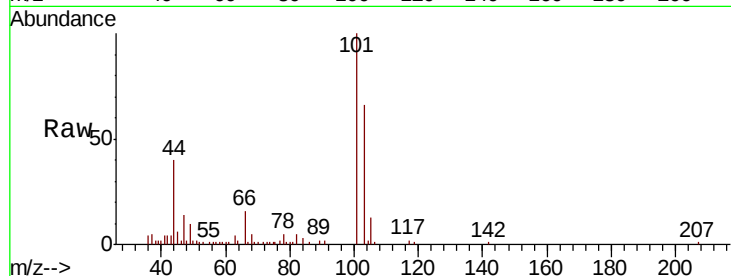


#9

Trichlorofluoromethane
 Concen: 0.539 ug/L
 RT: 2.15 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VU038912.D
 Acq: 15 Jun 2020 23:18

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT74DL

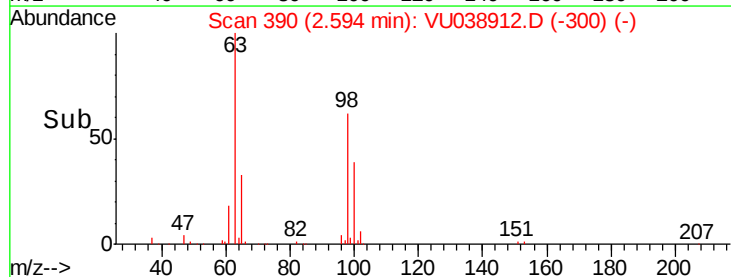
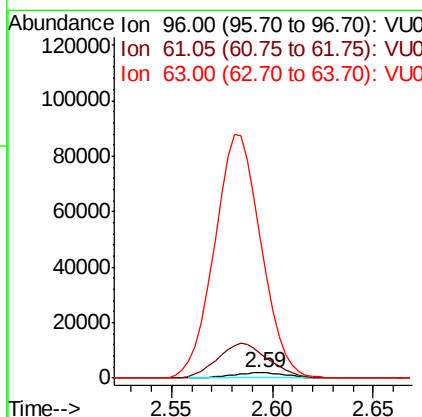
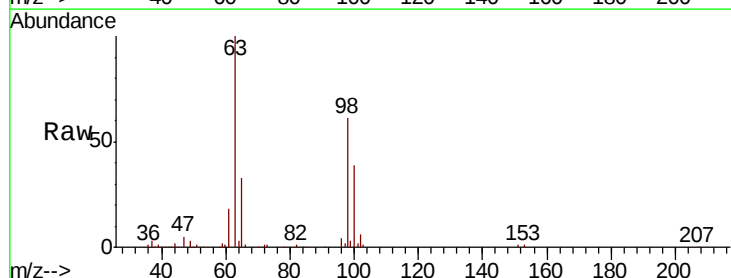
Tot Ion:101 Resp: 23014
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.1 76.7

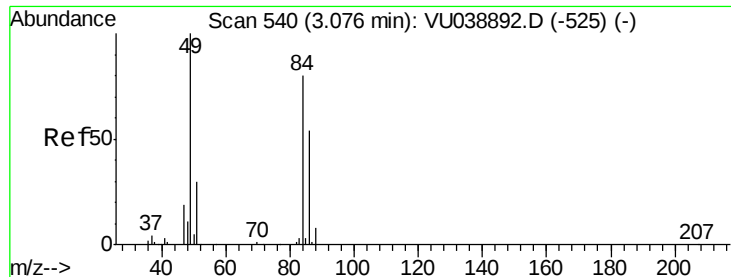


#12

1,1-Dichloroethene
 Concen: 0.185 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU038912.D
 Acq: 15 Jun 2020 23:18

Tgt Ion: 96 Resp: 3757
 Ion Ratio Lower Upper
 96 100
 61 473.1 124.9 232.1#
 63 2626.7 79.1 146.9#

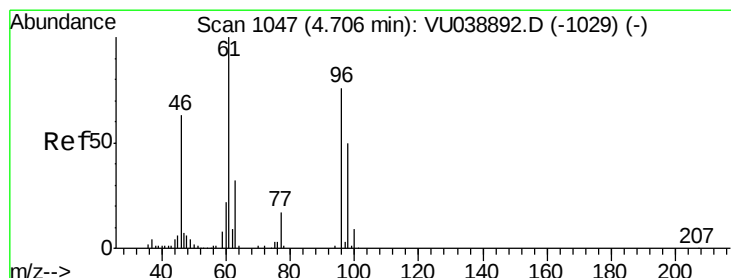
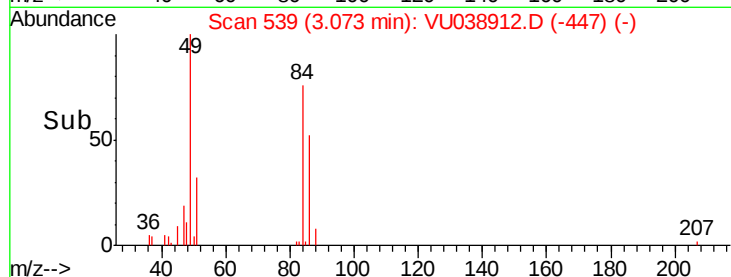
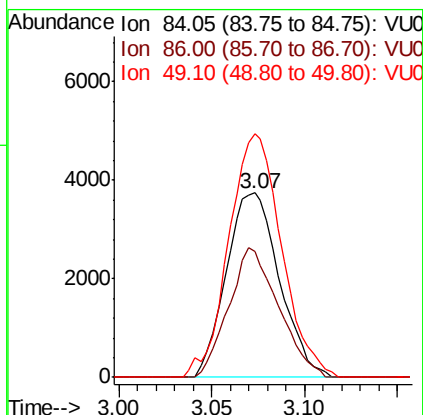
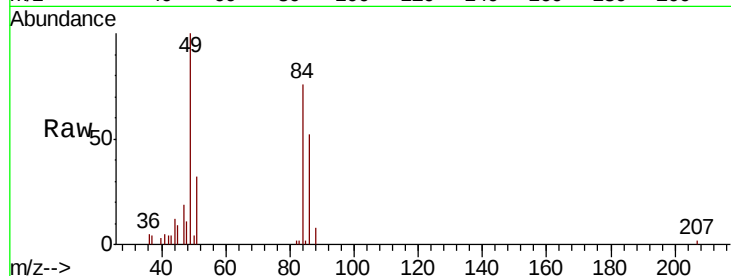




#16
Methvlene chloride
Concen: 0.319 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU038912.D
Acq: 15 Jun 2020 23:18

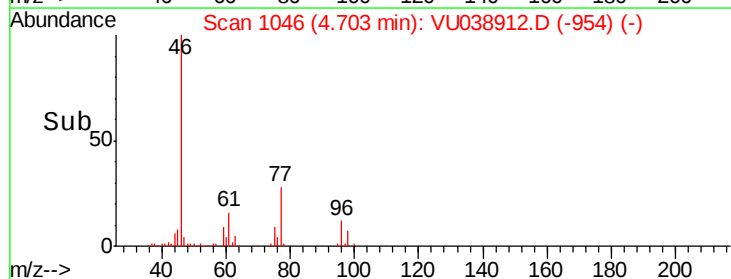
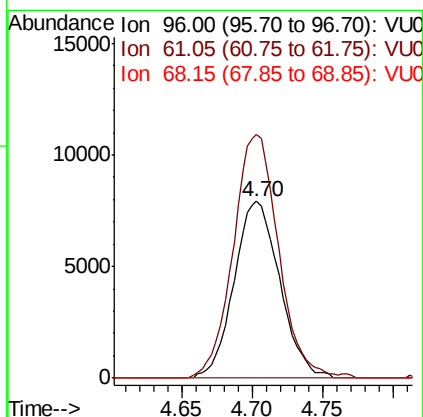
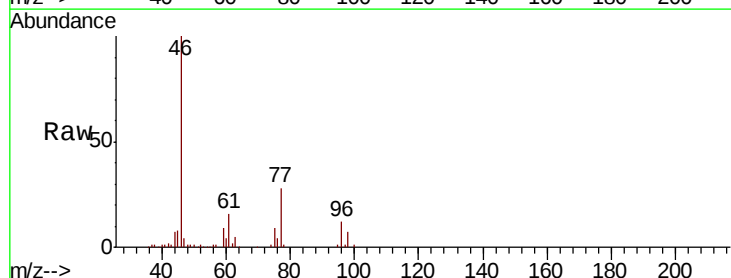
Instrument :
MSVOA_U
ClientSampleId :
BFT74DL

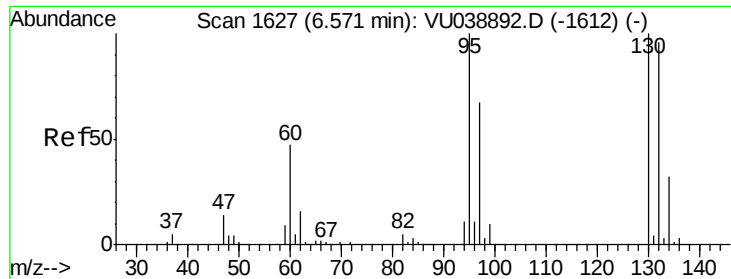
Tot Ion: 84 Resp: 7444
Ion Ratio Lower Upper
84 100
86 68.5 47.9 89.1
49 132.1 88.4 164.2



#22
cis-1,2-Dichloroethene
Concen: 0.799 ug/L
RT: 4.70 min Scan# 1046
Delta R.T. -0.00 min
Lab File: VU038912.D
Acq: 15 Jun 2020 23:18

Tgt Ion: 96 Resp: 17973
Ion Ratio Lower Upper
96 100
61 137.7 90.5 168.1
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 5.093 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VU038912.D

Acq: 15 Jun 2020 23:18

Instrument :

MSVOA_U

ClientSampleId :

BFT74DL

Tot Ion: 95 Resp: 125819

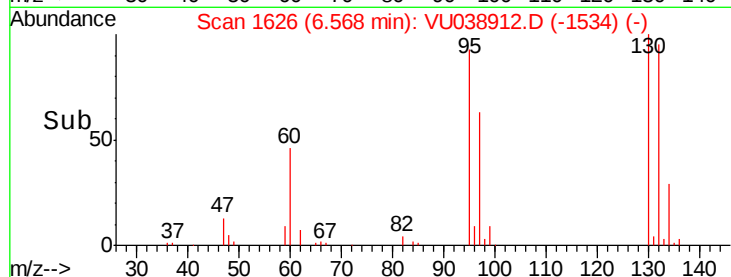
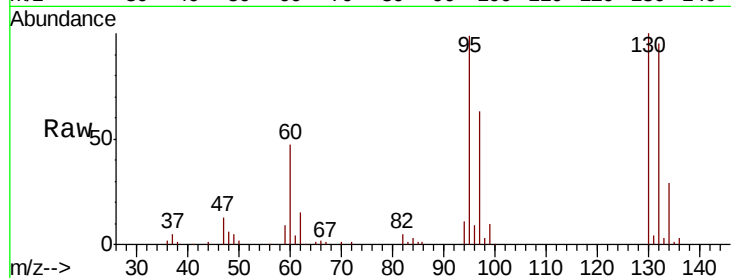
Ion Ratio Lower Upper

95 100

97 63.8 46.1 85.5

132 96.1 68.2 126.6

130 101.0 71.0 131.9

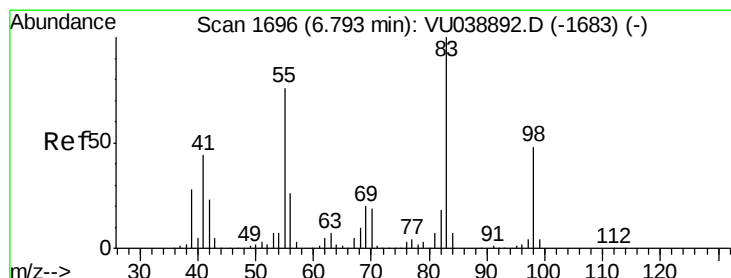
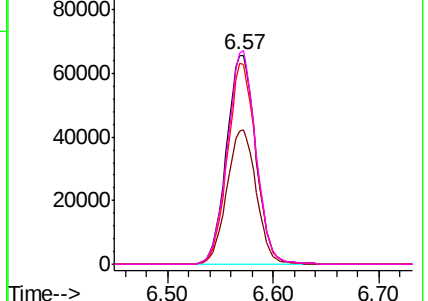


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.782 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038912.D

Acq: 15 Jun 2020 23:18

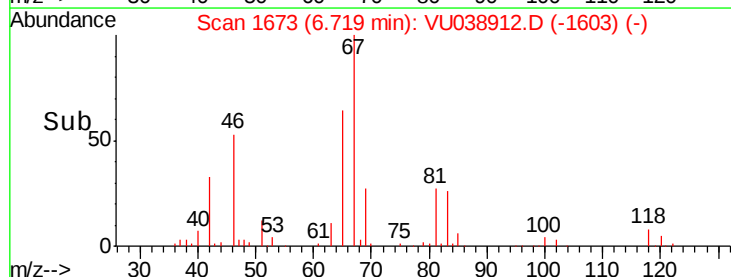
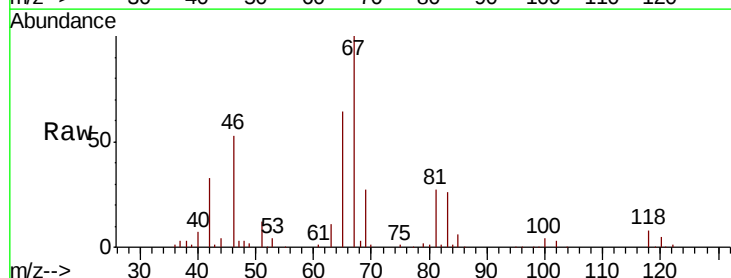
Tgt Ion: 83 Resp: 28766

Ion Ratio Lower Upper

83 100

55 0.1 63.6 95.4#

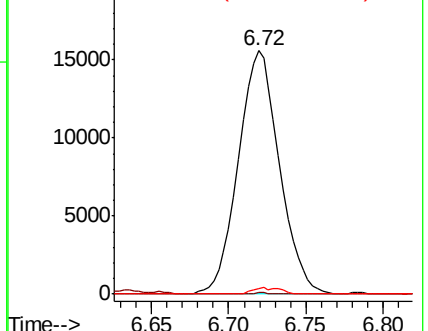
98 1.7 38.9 58.3#

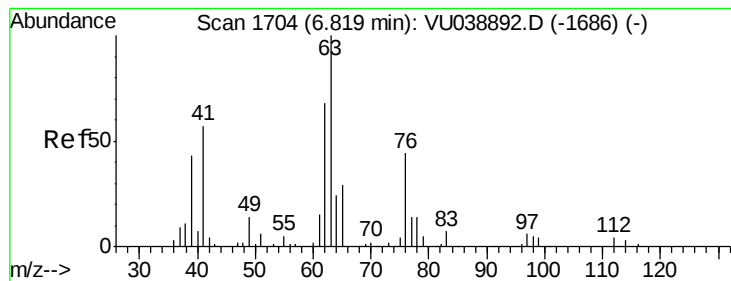


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.518 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038912.D

Acq: 15 Jun 2020 23:18

Instrument :

MSVOA_U

ClientSampleId :

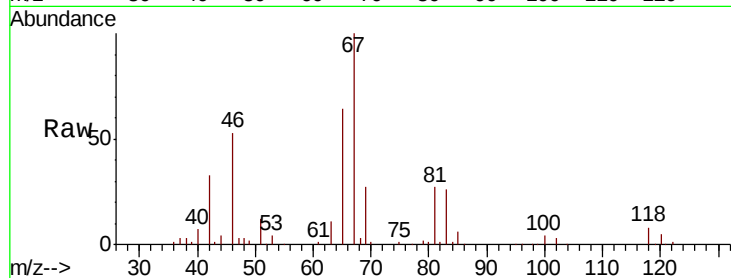
BFT74DL

Tot Ion: 63 Resp: 12639

Ion Ratio Lower Upper

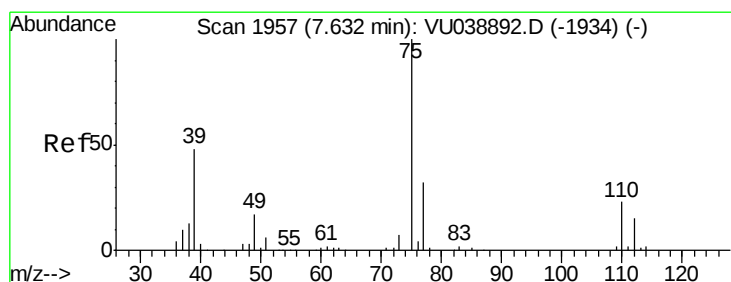
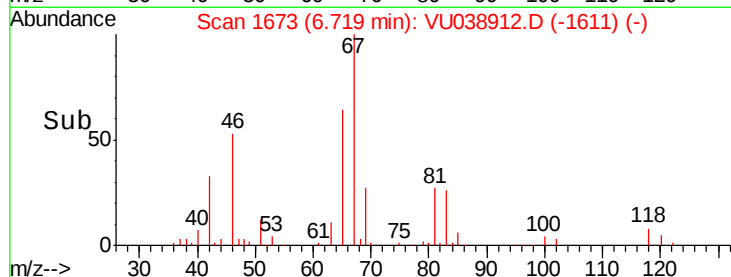
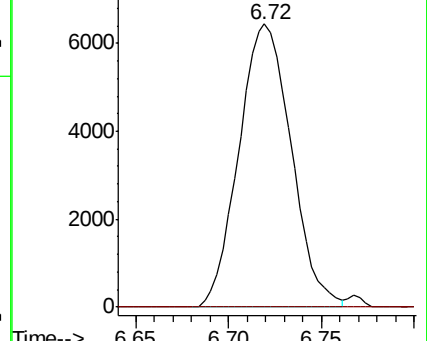
63 100

112 0.0 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU038912.D (-1673) (-)

Ion 112.10 (111.80 to 112.80): VU038912.D (-1673) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038912.D

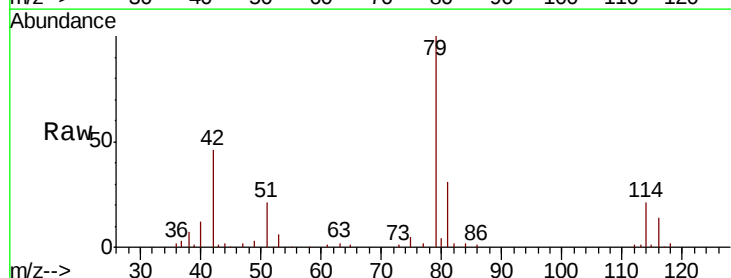
Acq: 15 Jun 2020 23:18

Tgt Ion: 75 Resp: 3350

Ion Ratio Lower Upper

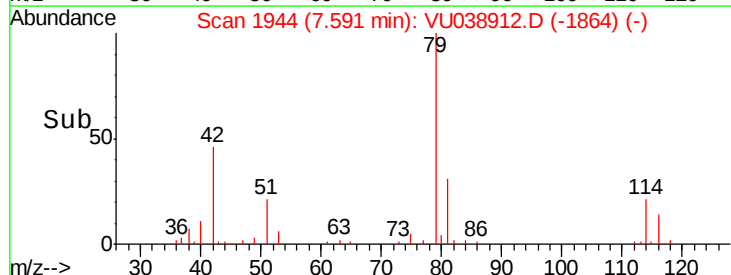
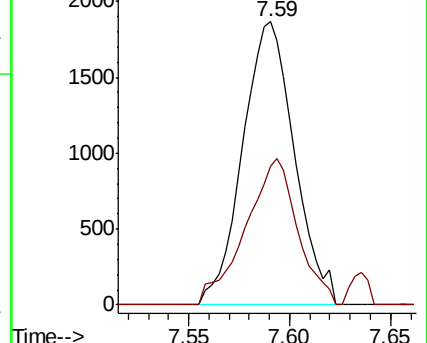
75 100

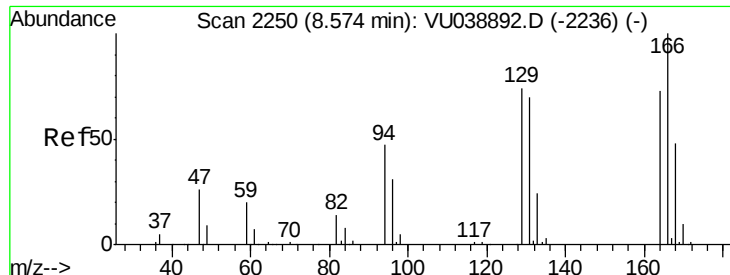
77 48.9 23.0 42.6#



Abundance Ion 75.05 (74.75 to 75.75): VU038912.D (-1944) (-)

Ion 77.05 (76.75 to 77.75): VU038912.D (-1944) (-)





#47

Tetrachloroethene

Concen: 4.368 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU038912.D

Acq: 15 Jun 2020 23:18

Instrument :

MSVOA_U

ClientSampleId :

BFT74DL

Tot Ion:164 Resp: 82691

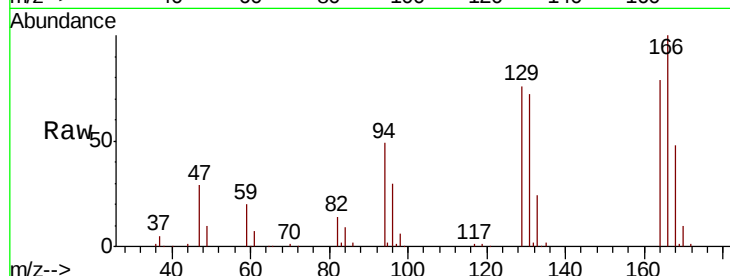
Ion Ratio Lower Upper

164 100

129 95.6 65.5 121.7

131 91.2 63.9 118.7

166 125.8 87.9 163.3

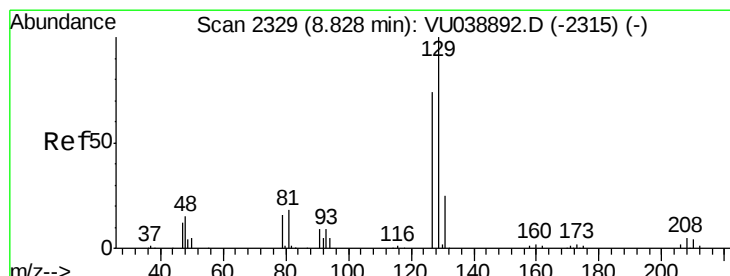
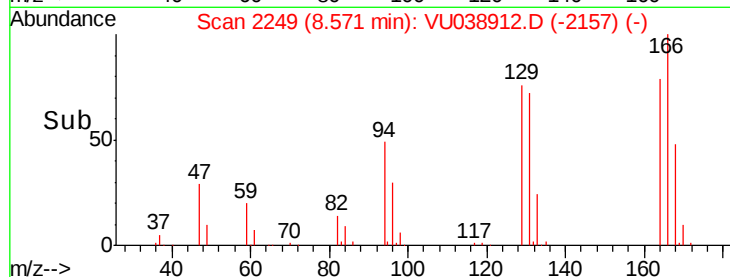
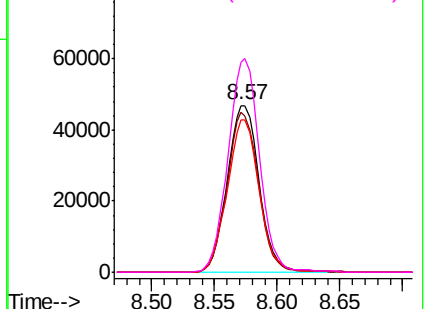


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 3.569 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU038912.D

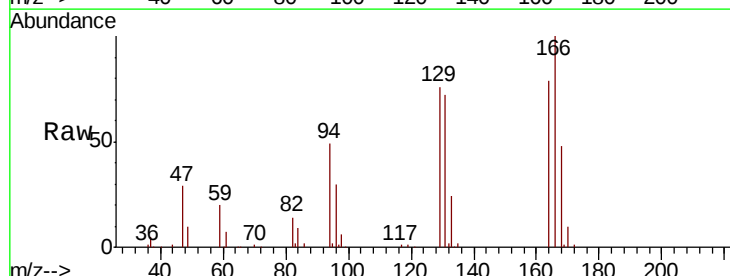
Acq: 15 Jun 2020 23:18

Tgt Ion:129 Resp: 77271

Ion Ratio Lower Upper

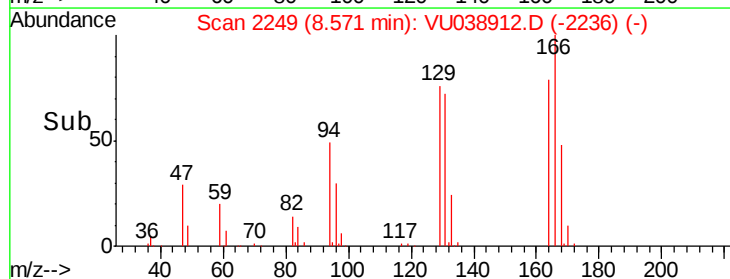
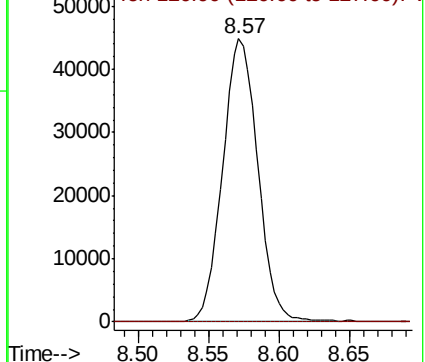
129 100

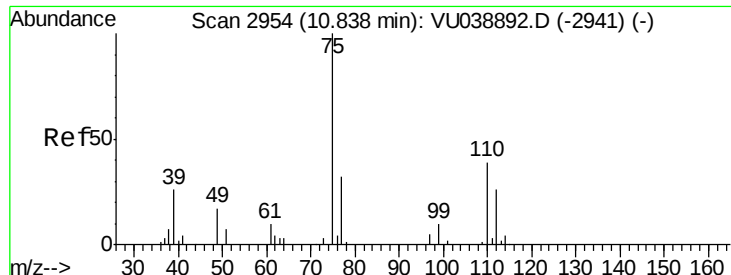
127 0.0 56.7 105.3#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.864 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU038912.D

Acq: 15 Jun 2020 23:18

Instrument :

MSVOA_U

ClientSampleId :

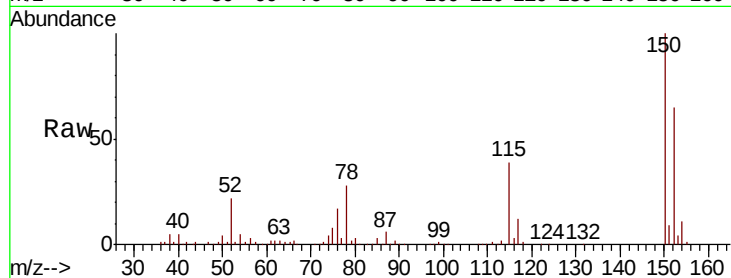
BFT74DL

Tot Ion: 75 Resp: 16256

Ion Ratio Lower Upper

75 100

77 39.7 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

