

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061520\
 Data File : VU038914.D
 Acq On : 16 Jun 2020 00:04
 Operator : SY/MD
 Sample : L2985-07DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT75DL

Quant Time: Jun 16 02:03:02 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	273651	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	268547	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	119233	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	83920	6.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.20%
7) Chloroethane-d5	1.93	69	91712	6.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	137.00%#
11) 1,1-Dichloroethene-d2	2.59	63	143465	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.80%
20) 2-Butanone-d5	4.68	46	263450	53.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.76%
24) Chloroform-d	5.10	84	183678	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
26) 1,2-Dichloroethane-d4	5.74	65	109730	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.60%
32) Benzene-d6	5.76	84	351751	5.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.60%
36) 1,2-Dichloropropane-d6	6.72	67	117269	6.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	125.80%
41) Toluene-d8	7.92	98	297417	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
43) trans-1,3-Dichloropropene-	8.20	79	50272	6.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	122.00%
46) 2-Hexanone-d5	8.66	63	369534	91.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	182.04%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	98852	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	113652	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

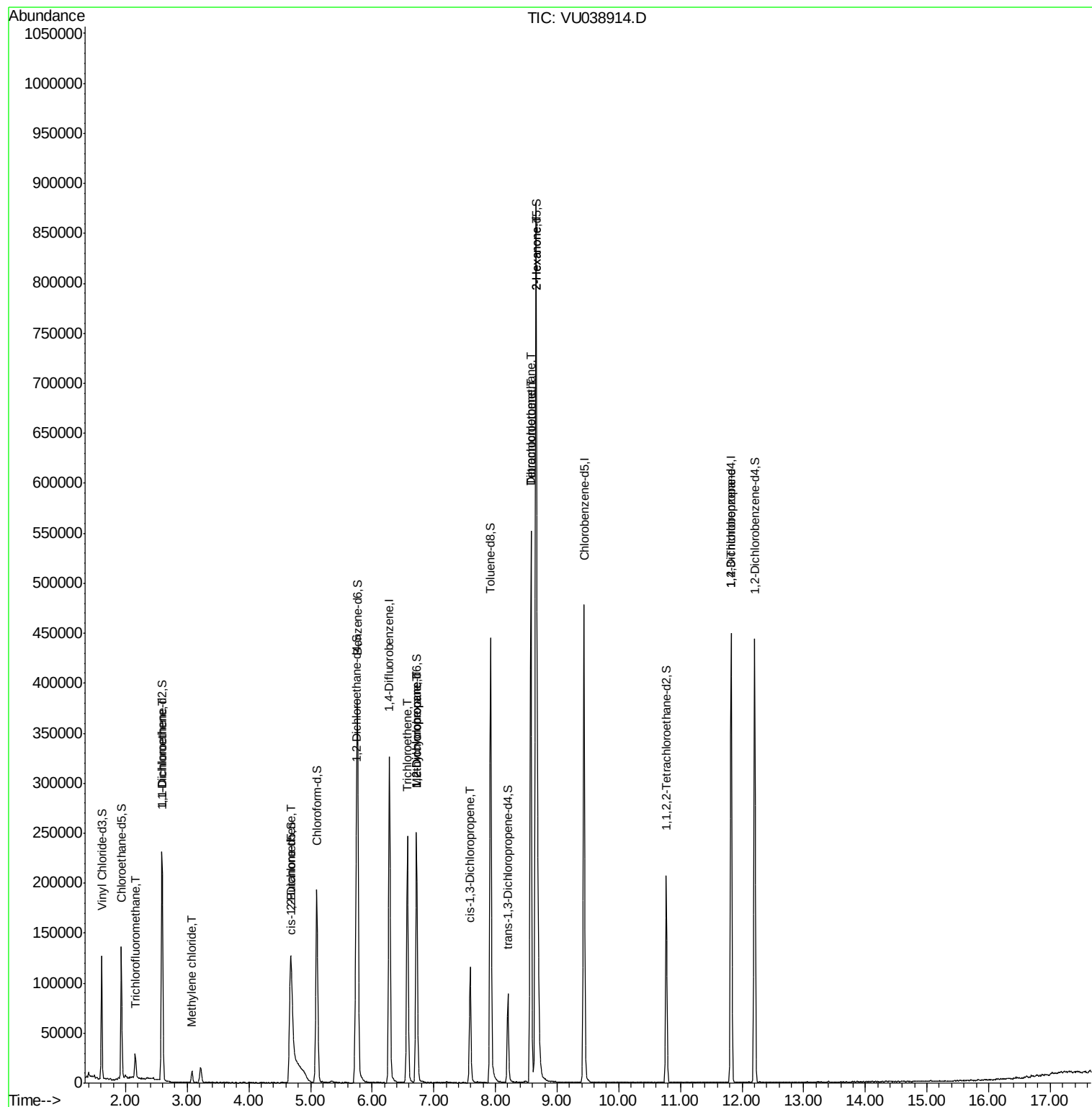
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	2.16	101	14958	0.367	ug/L	95
12) 1,1-Dichloroethene	2.60	96	5027	0.260	ug/L #	1
16) Methylene chloride	3.08	84	5263	0.237	ug/L	92
22) cis-1,2-Dichloroethene	4.70	96	8327	0.389	ug/L	89
34) Trichloroethene	6.57	95	82135	3.943	ug/L	99
35) Methylcyclohexane	6.72	83	28270	0.911	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	13200	0.641	ug/L #	85
39) cis-1,3-Dichloropropene	7.59	75	2929	0.099	ug/L #	82
47) Tetrachloroethene	8.57	164	118980	7.453	ug/L	97
48) 2-Hexanone	8.66	43	43160	3.878	ug/L #	69
49) Dibromochloromethane	8.57	129	118974	6.517	ug/L #	9
59) 1,2,3-Trichloropropane	11.83	75	14670	0.925	ug/L	89

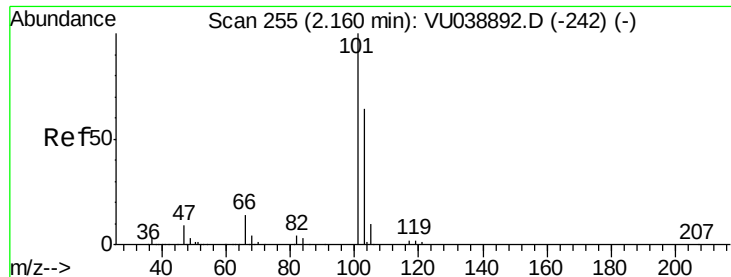
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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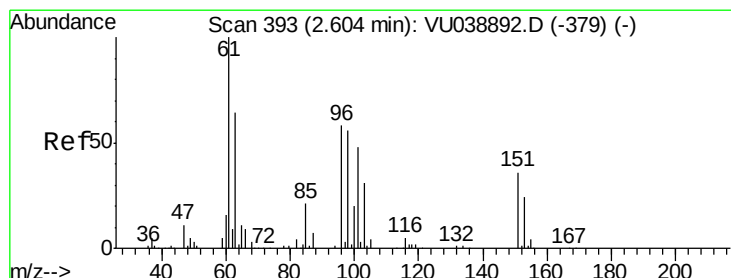
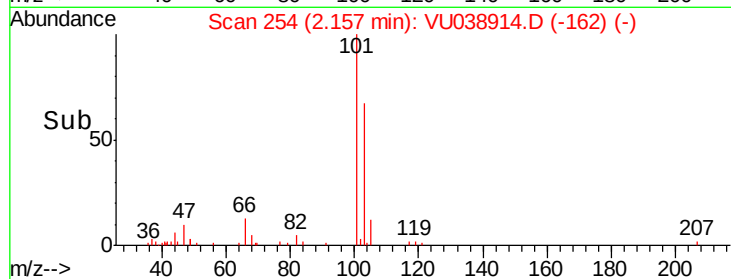
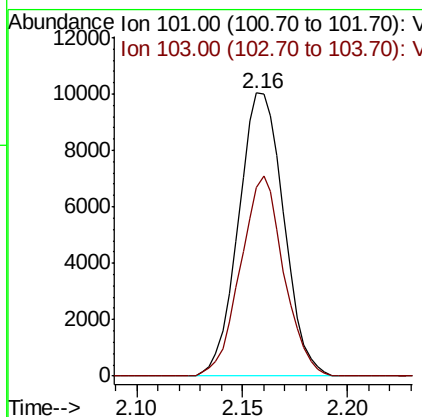
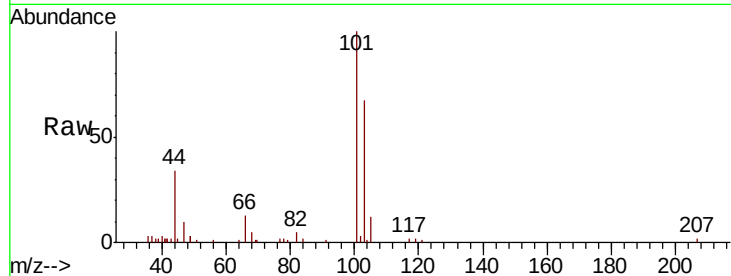


#9

Trichlorofluoromethane
 Concen: 0.367 ug/L
 RT: 2.16 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VU038914.D
 Acq: 16 Jun 2020 00:04

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT75DL

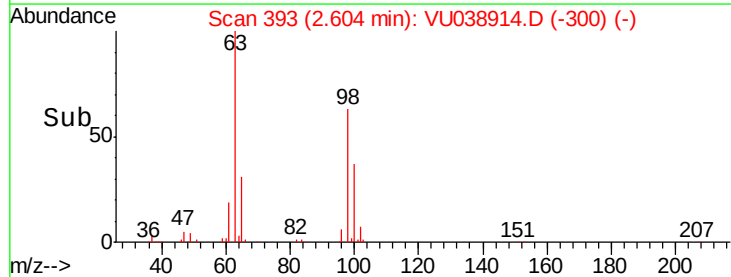
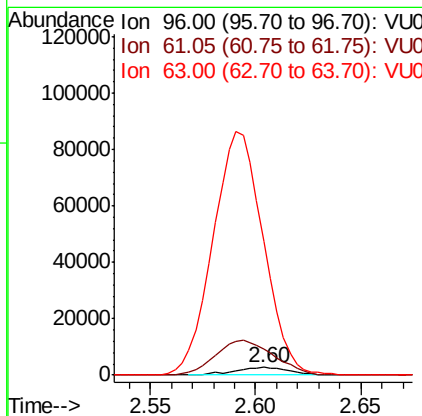
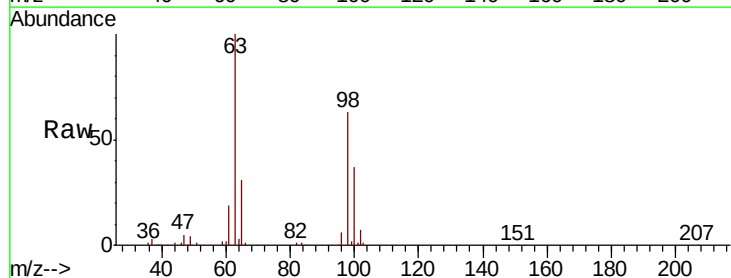
Tot Ion:101 Resp: 14958
 Ion Ratio Lower Upper
 101 100
 103 67.6 51.1 76.7

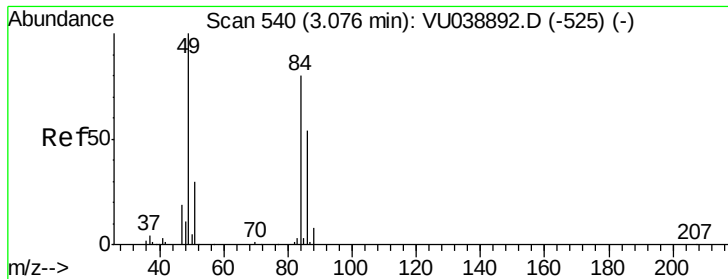


#12

1,1-Dichloroethene
 Concen: 0.260 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: VU038914.D
 Acq: 16 Jun 2020 00:04

Tgt Ion: 96 Resp: 5027
 Ion Ratio Lower Upper
 96 100
 61 347.8 124.9 232.1#
 63 1792.1 79.1 146.9#

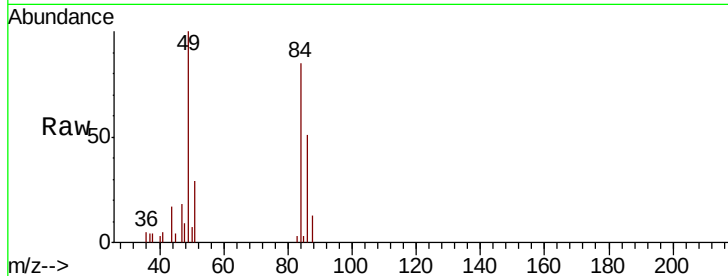




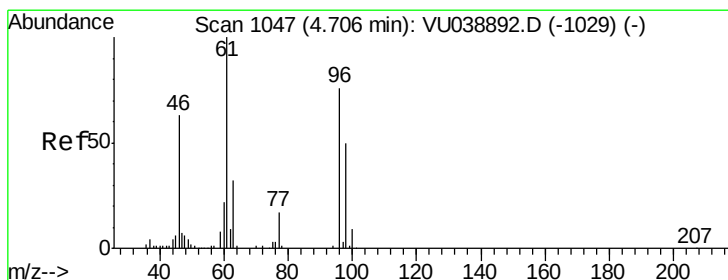
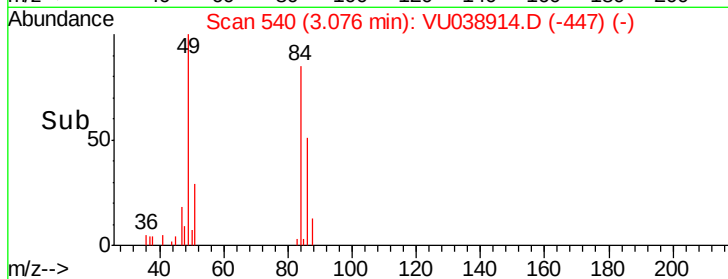
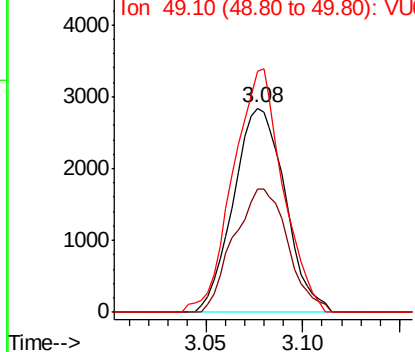
#16
Methvlene chloride
Concen: 0.237 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU038914.D
Acq: 16 Jun 2020 00:04

Instrument :
MSVOA_U
ClientSampleId :
BFT75DL

Tot Ion: 84 Resp: 5263
Ion Ratio Lower Upper
84 100
86 60.5 47.9 89.1
49 117.9 88.4 164.2

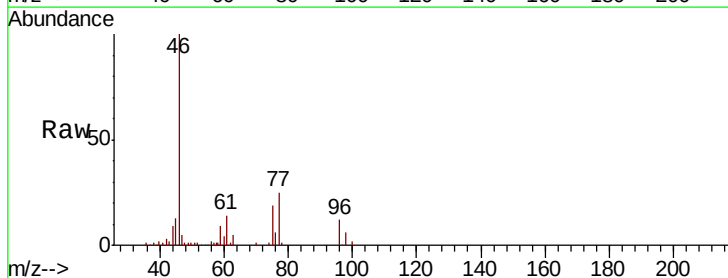


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

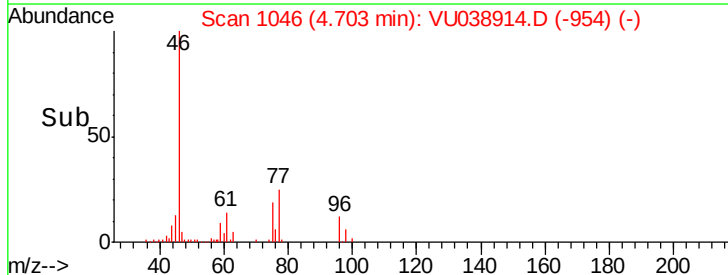
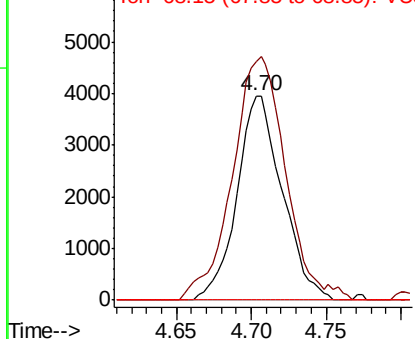


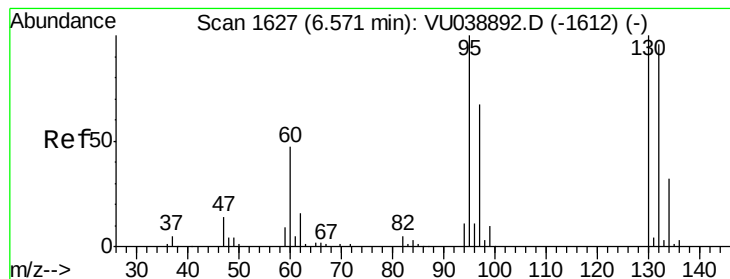
#22
cis-1,2-Dichloroethene
Concen: 0.389 ug/L
RT: 4.70 min Scan# 1046
Delta R.T. -0.00 min
Lab File: VU038914.D
Acq: 16 Jun 2020 00:04

Tgt Ion: 96 Resp: 8327
Ion Ratio Lower Upper
96 100
61 116.6 90.5 168.1
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 3.943 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038914.D

Acq: 16 Jun 2020 00:04

Instrument :

MSVOA_U

ClientSampleId :

BFT75DL

Tot Ion: 95 Resp: 82135

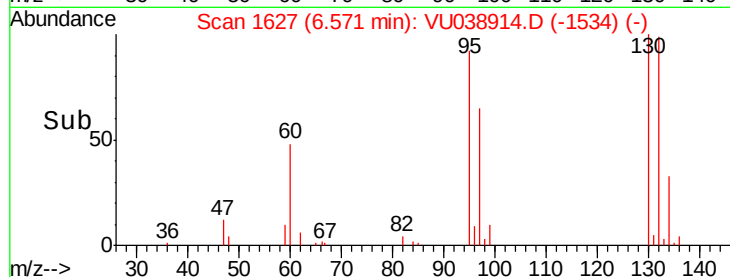
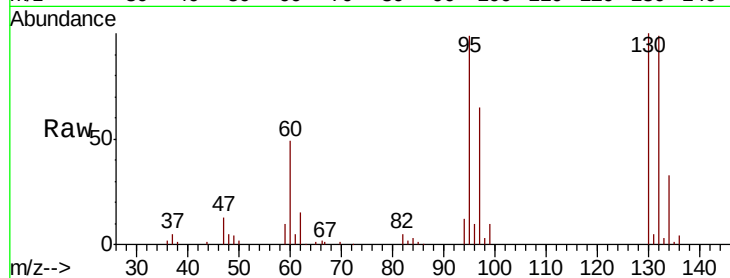
Ion Ratio Lower Upper

95 100

97 65.8 46.1 85.5

132 99.8 68.2 126.6

130 100.7 71.0 131.9

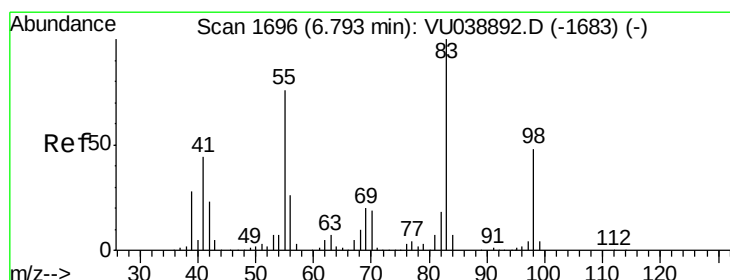
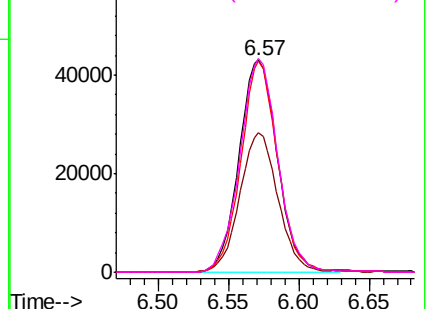


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.911 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038914.D

Acq: 16 Jun 2020 00:04

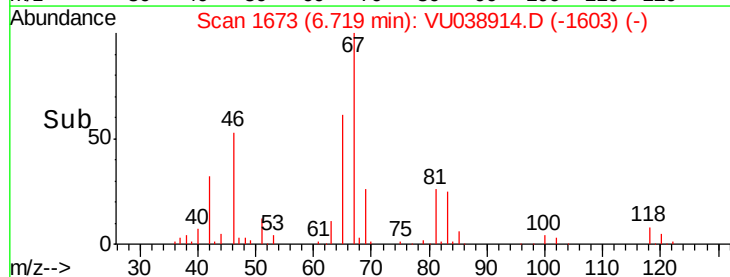
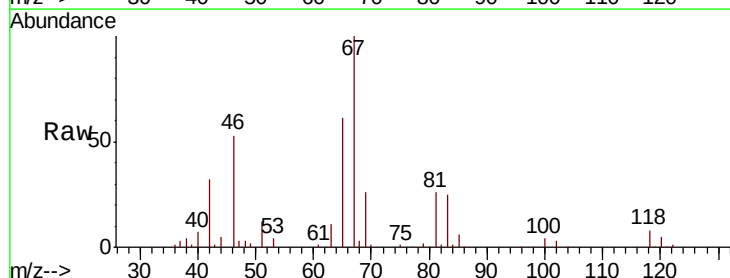
Tgt Ion: 83 Resp: 28270

Ion Ratio Lower Upper

83 100

55 0.4 63.6 95.4#

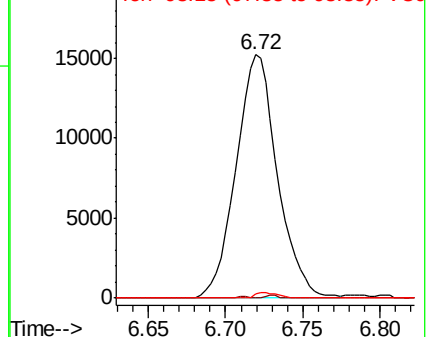
98 1.3 38.9 58.3#

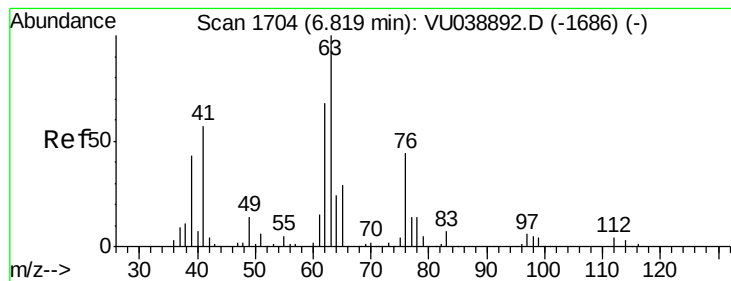


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.641 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038914.D

Acq: 16 Jun 2020 00:04

Instrument :

MSVOA_U

ClientSampleId :

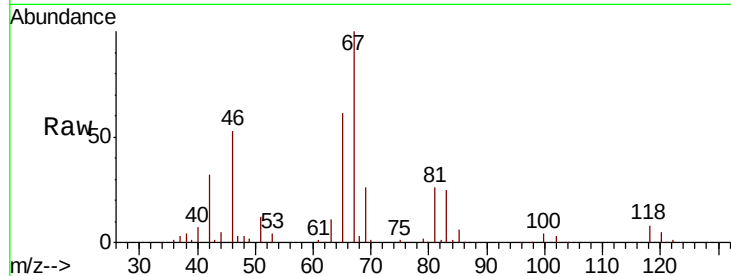
BFT75DL

Tot Ion: 63 Resp: 13200

Ion Ratio Lower Upper

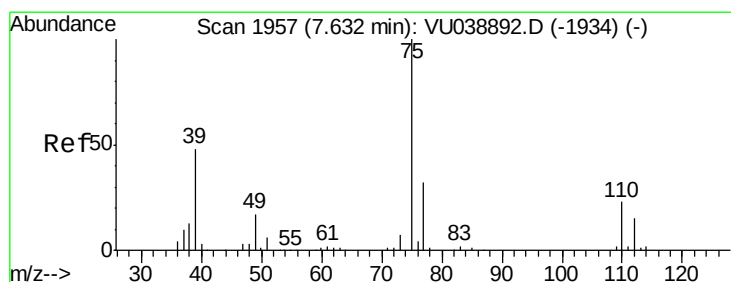
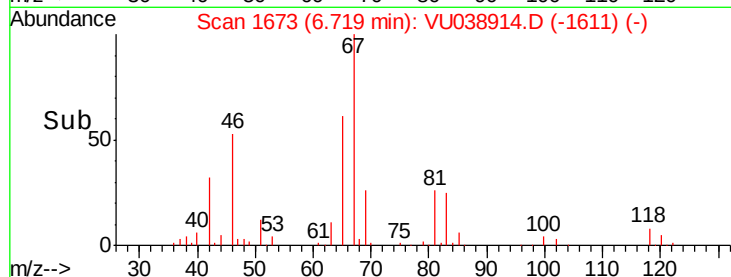
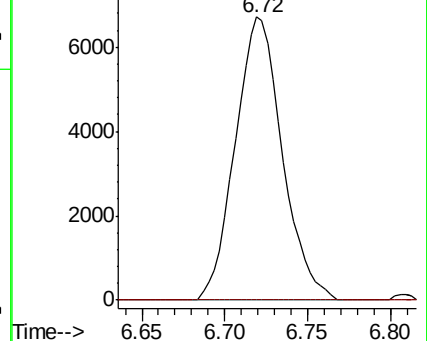
63 100

112 0.0 3.8 5.8#



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: 0.099 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU038914.D

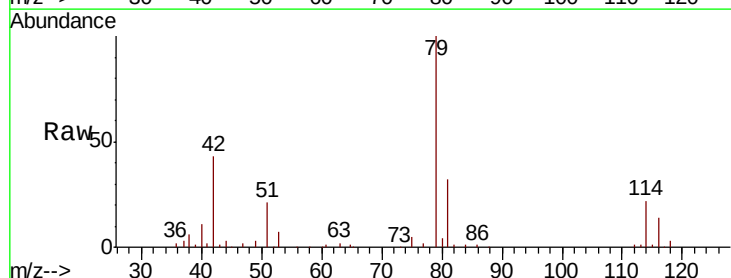
Acq: 16 Jun 2020 00:04

Tgt Ion: 75 Resp: 2929

Ion Ratio Lower Upper

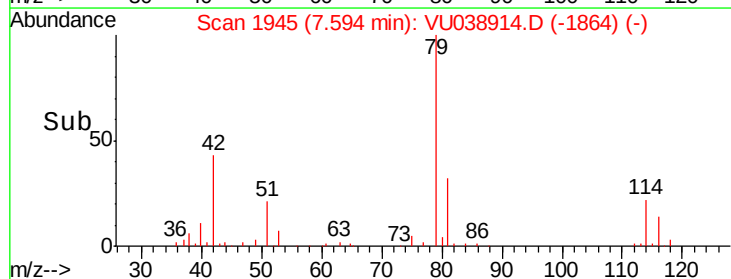
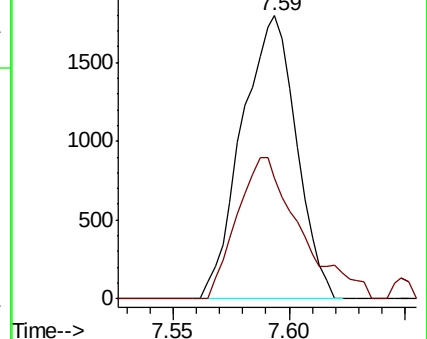
75 100

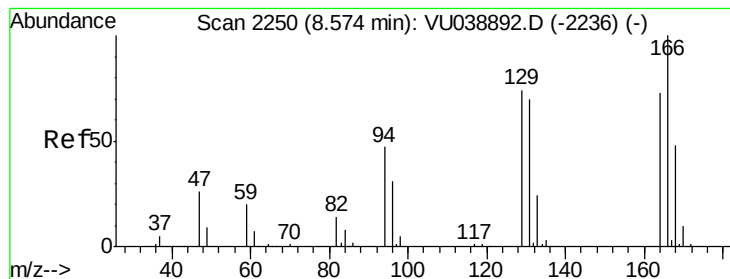
77 42.7 23.0 42.6#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0





#47

Tetrachloroethene

Concen: 7.453 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038914.D

Acq: 16 Jun 2020 00:04

Instrument :

MSVOA_U

ClientSampleId :

BFT75DL

Tot Ion:164 Resp: 118980

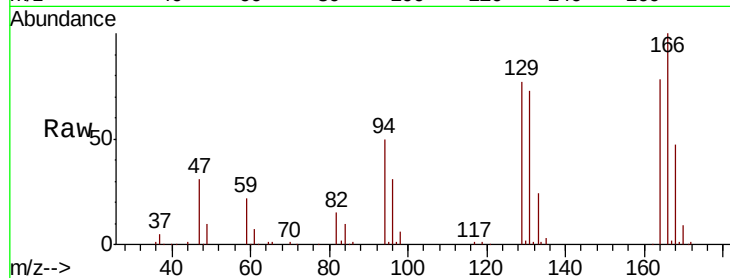
Ion Ratio Lower Upper

164 100

129 98.3 65.5 121.7

131 94.1 63.9 118.7

166 128.0 87.9 163.3

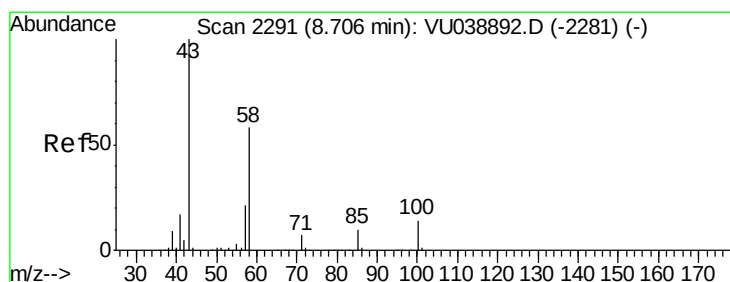
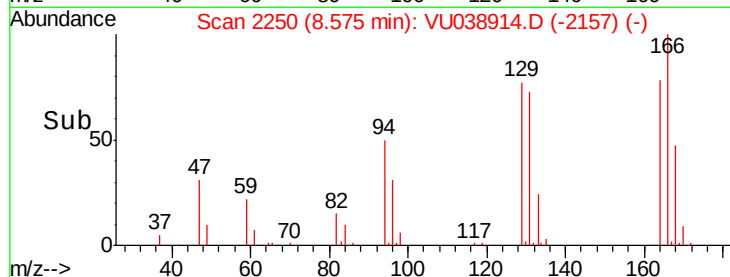
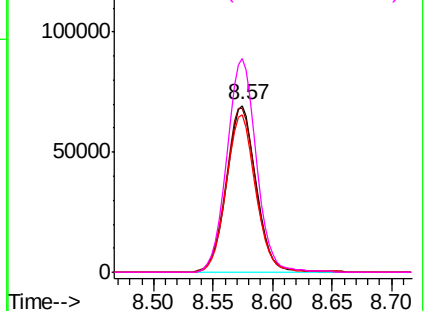


Abundance Ion 163.90 (163.60 to 164.60): V

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



#48

2-Hexanone

Concen: 3.878 ug/L

RT: 8.66 min Scan# 2276

Delta R.T. -0.05 min

Lab File: VU038914.D

Acq: 16 Jun 2020 00:04

Tgt Ion: 43 Resp: 43160

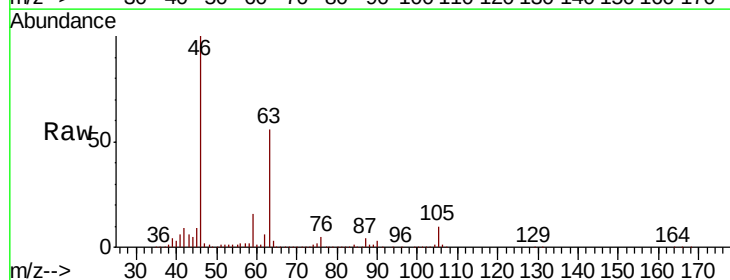
Ion Ratio Lower Upper

43 100

58 31.0 45.4 68.2#

57 28.9 16.4 24.6#

100 1.0 10.6 15.8#

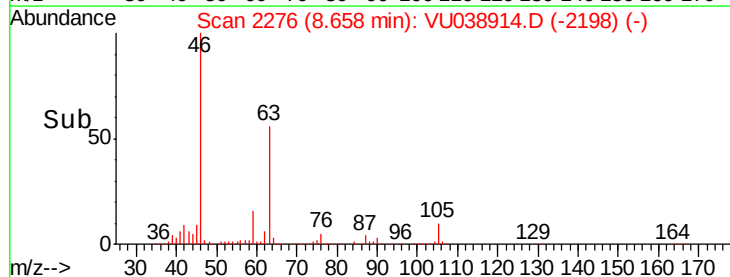
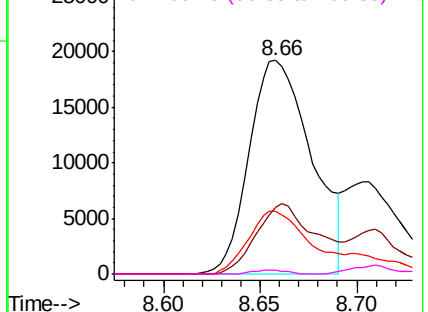


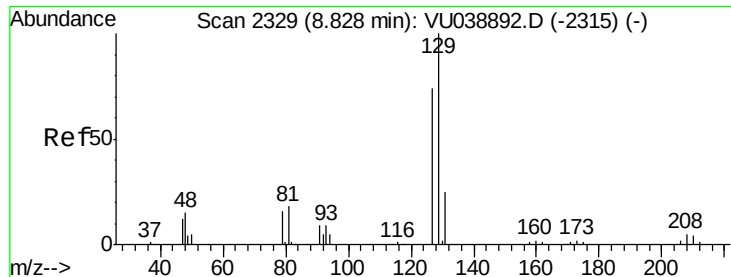
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 6.517 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU038914.D

Acq: 16 Jun 2020 00:04

Instrument :

MSVOA_U

ClientSampled :

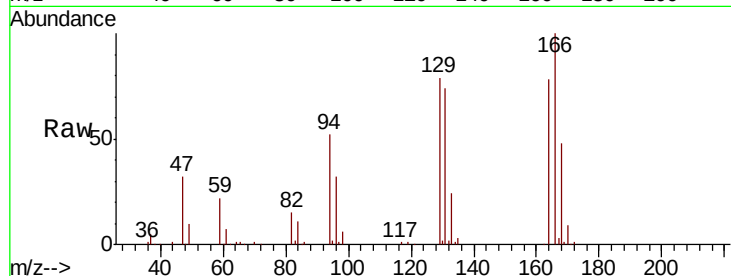
BFT75DL

Tot Ion:129 Resp: 118974

Ion Ratio Lower Upper

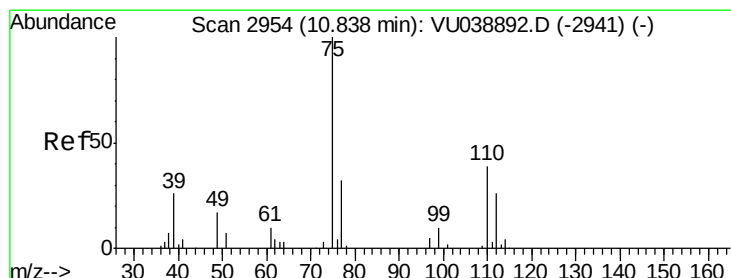
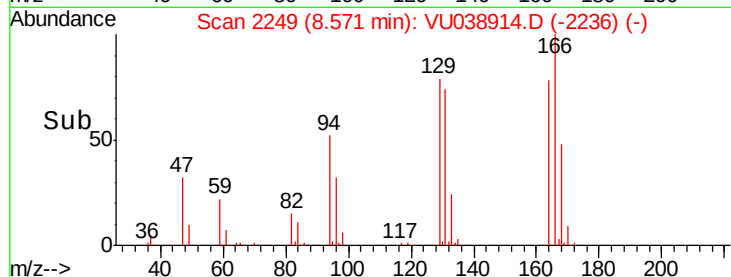
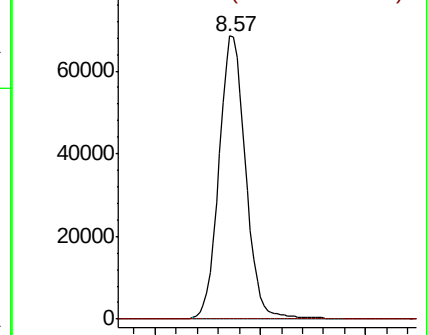
129 100

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: 0.925 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU038914.D

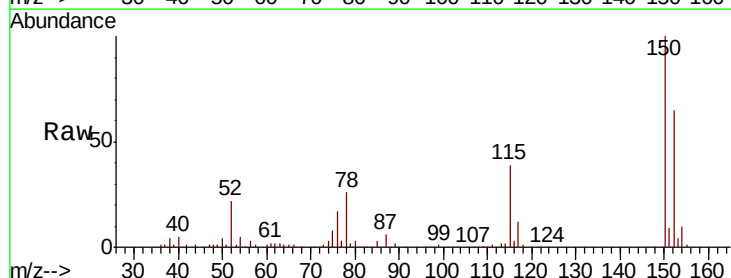
Acq: 16 Jun 2020 00:04

Tgt Ion: 75 Resp: 14670

Ion Ratio Lower Upper

75 100

77 38.6 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

