

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061520\
 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 04:43:34 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%

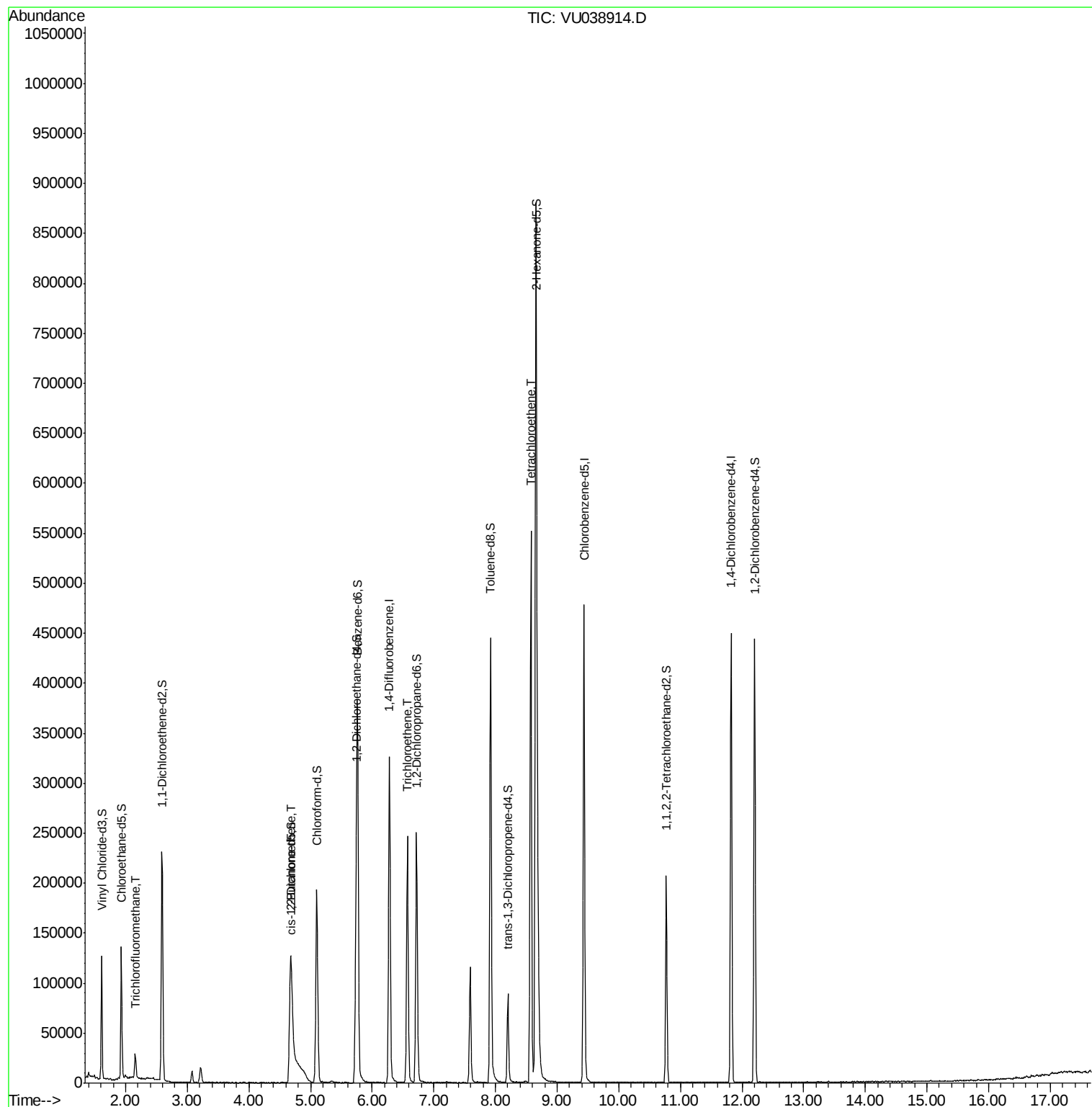
Target Compounds					Ovalue
9) Trichlorofluoromethane	2.16	101	14958	0.367 ug/L	95
22) cis-1,2-Dichloroethene	4.70	96	8327	0.389 ug/L	89
34) Trichloroethene	6.57	95	82135	3.943 ug/L	99
47) Tetrachloroethene	8.57	164	118980	7.453 ug/L	97

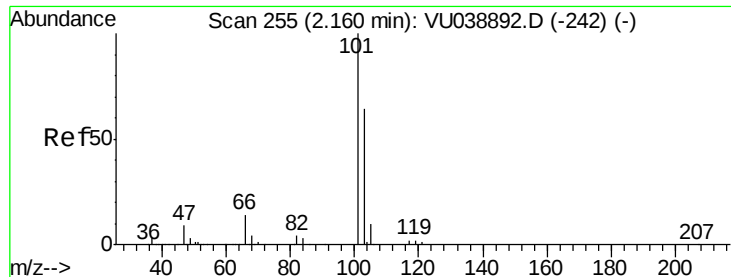
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.367 ug/L

RT: 2.16 min Scan# 254

Delta R.T. -0.00 min

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Acq: 16 Jun 2020 00:04

Instrument :

MSVOA_U

ClientSampleId :

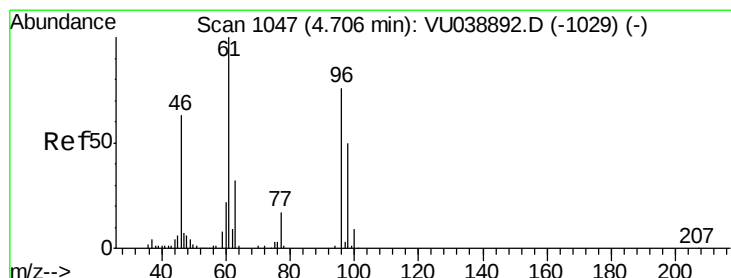
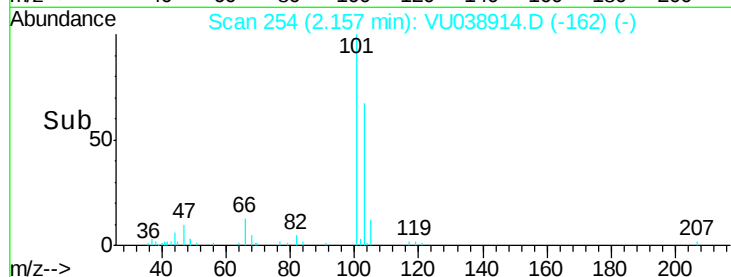
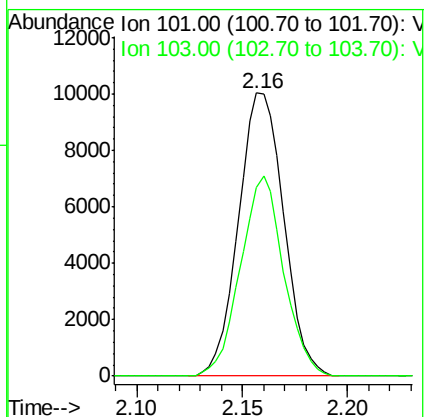
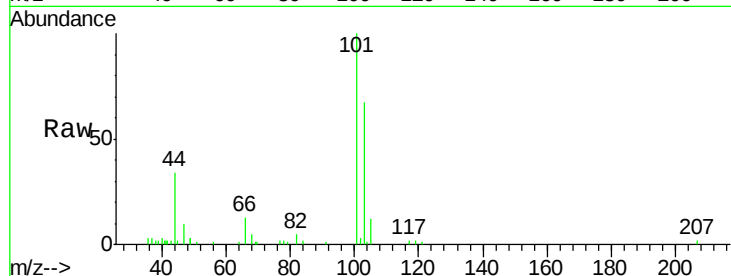
BFT75DL

Tot Ion:101 Resp: 14958

Ion Ratio Lower Upper

101 100

103 67.6 51.1 76.7



#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

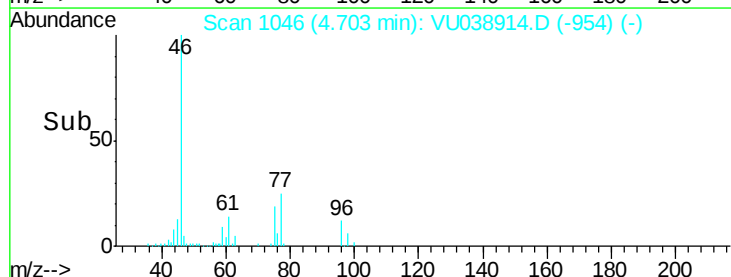
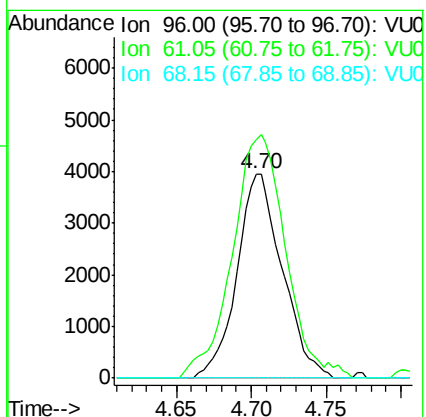
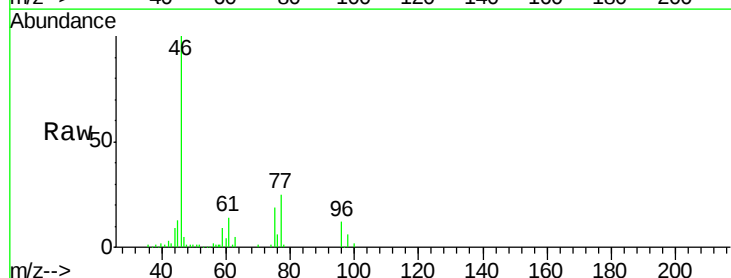
Tgt Ion: 96 Resp: 8327

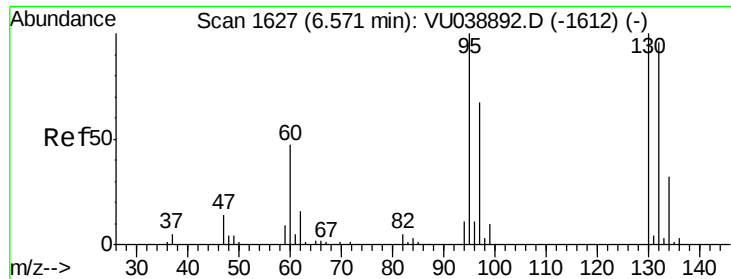
Ion Ratio Lower Upper

96 100

61 116.6 90.5 168.1

68 0.0 0.0 0.0

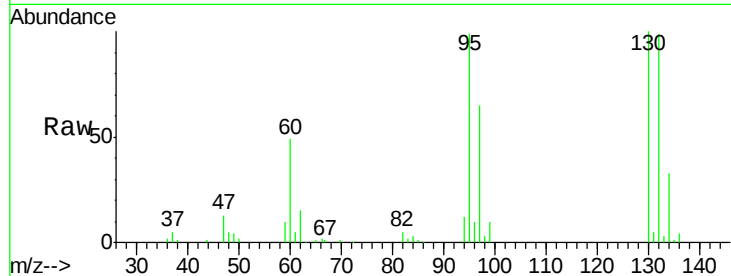




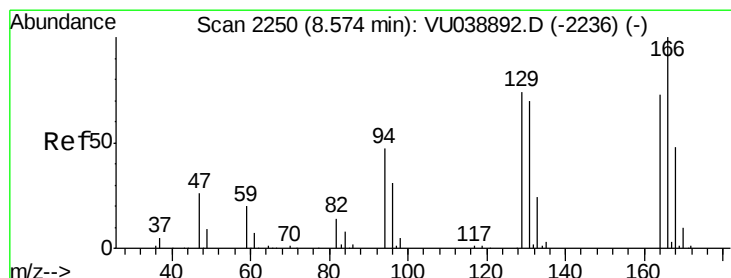
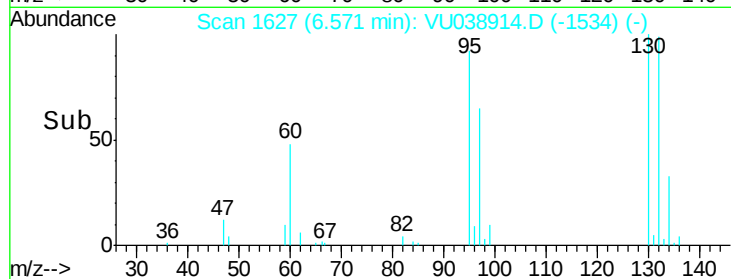
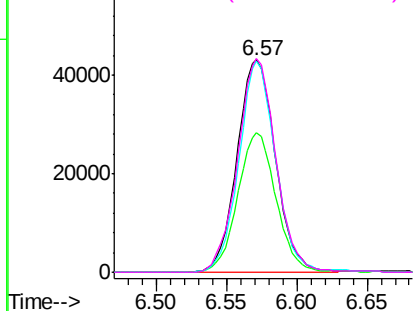
#34
 Trichloroethene
 Concen: 3.943 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038914.D
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Instrument :
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Tot Ion: 95 Resp: 82135
 Ion Ratio Lower Upper
 95 100
 97 65.8 46.1 85.5
 132 99.8 68.2 126.6
 130 100.7 71.0 131.9

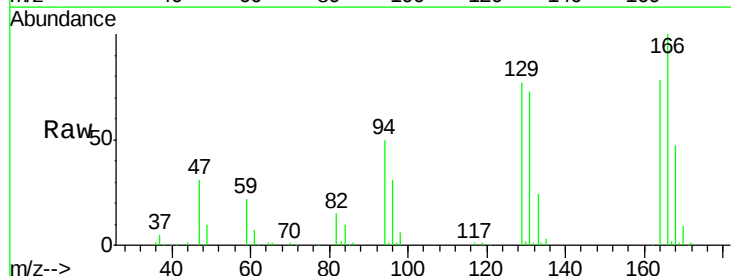


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#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

Tgt 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

