

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061620\
 Data File : VU038919.D
 Acq On : 16 Jun 2020 13:36
 Operator : SY/MD
 Sample : L2975-03DL 8X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8P7DL

Quant Time: Jun 17 02:01:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 17 02:00:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	306753	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	309929	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	145931	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85874	5.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.40%
7) Chloroethane-d5	1.93	69	74337	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.58	63	145911	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	4.68	46	336558	60.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.68%
24) Chloroform-d	5.10	84	188391	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.74	65	114624	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.76	84	374476	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.72	67	114390	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.92	98	317483	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	8.20	79	46538	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.67	63	277959	59.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	142831	7.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	140.00%#
64) 1,2-Dichlorobenzene-d4	12.20	152	133635	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

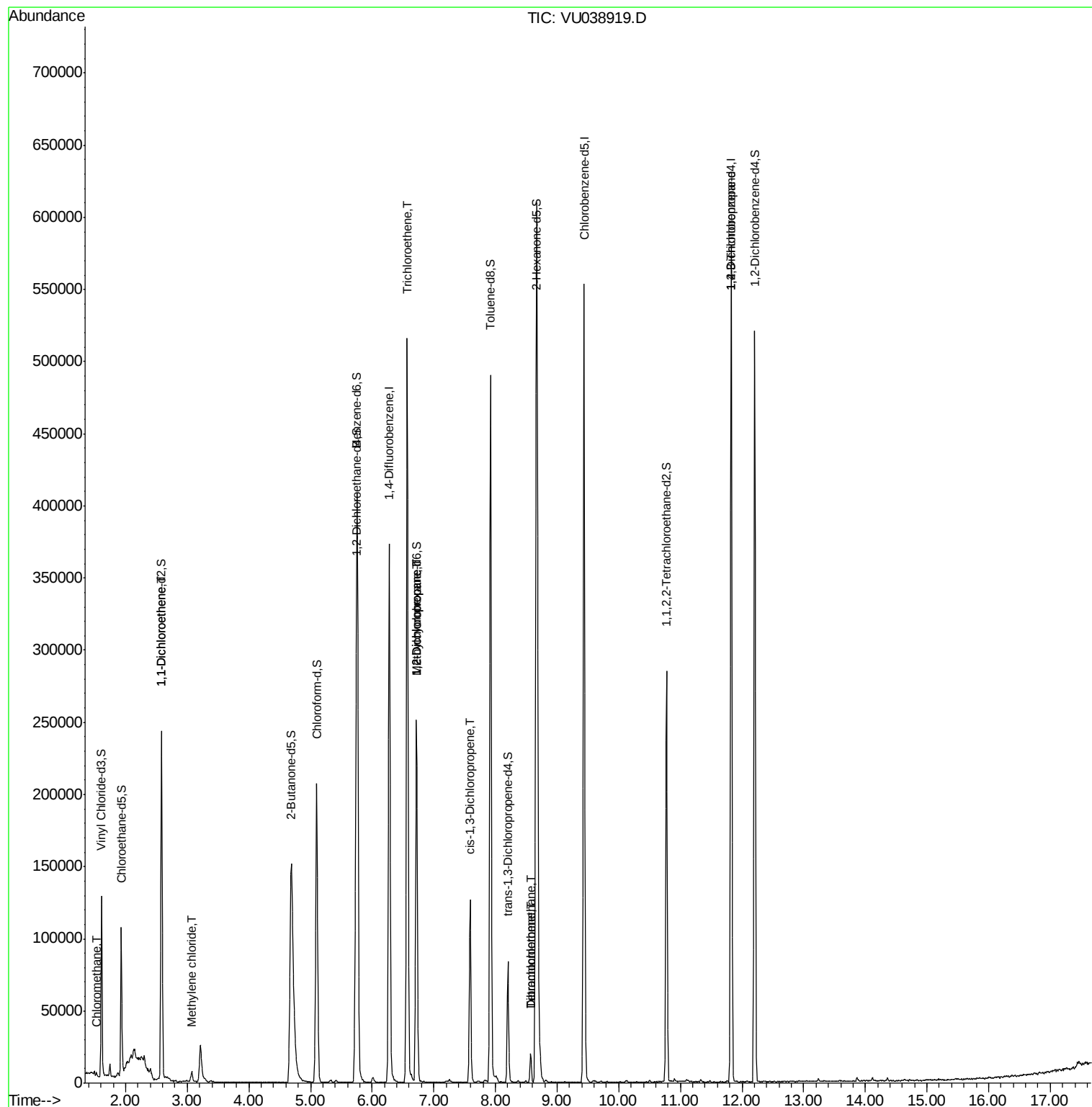
					Ovalue
3) Chloromethane	1.53	50	2252	0.090 ug/L	89
12) 1,1-Dichloroethene	2.58	96	1536	0.071 ug/L #	1
16) Methylene chloride	3.07	84	3010	0.121 ug/L	88
34) Trichloroethene	6.57	95	174604	7.264 ug/L	99
35) Methylcyclohexane	6.72	83	28012	0.782 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13396	0.564 ug/L #	85
39) cis-1,3-Dichloropropene	7.58	75	3375	0.099 ug/L #	66
47) Tetrachloroethene	8.57	164	4685	0.254 ug/L	84
49) Dibromochloromethane	8.57	129	4360	0.207 ug/L #	9
59) 1,2,3-Trichloropropane	11.83	75	17212	0.940 ug/L #	85

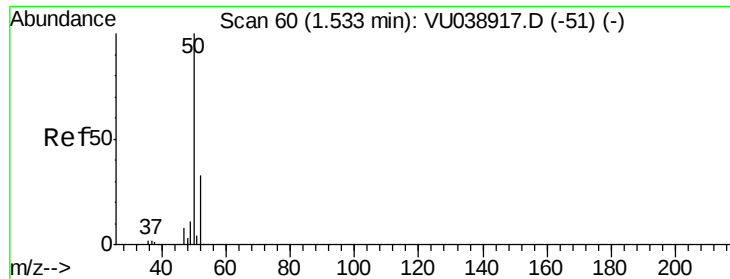
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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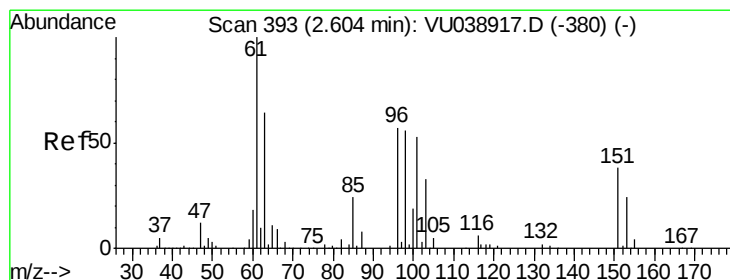
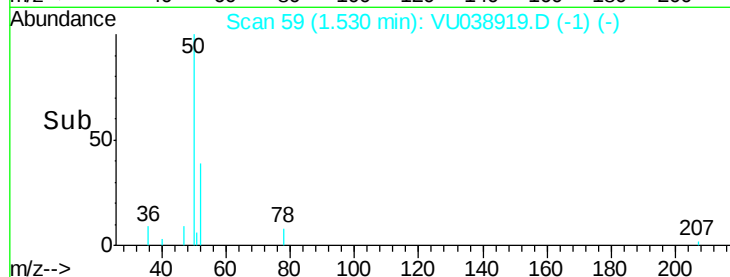
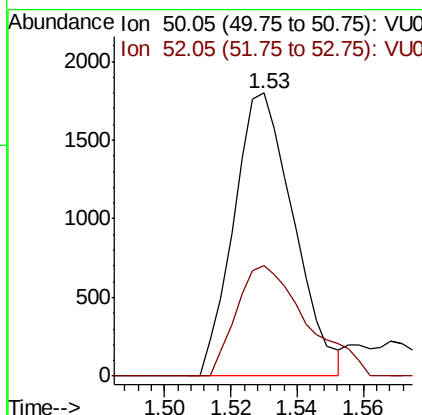
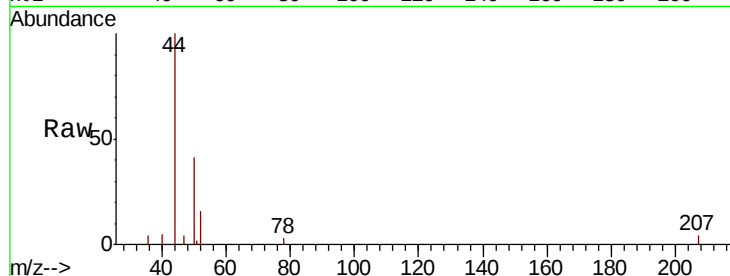




#3
Chloromethane
Concen: 0.090 ug/L
RT: 1.53 min Scan# 59
Delta R.T. -0.00 min
Lab File: VU038919.D
Acq: 16 Jun 2020 13:36

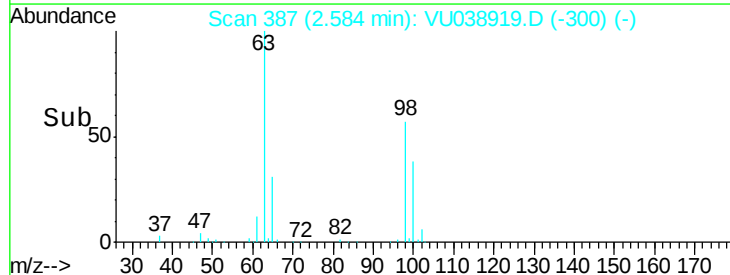
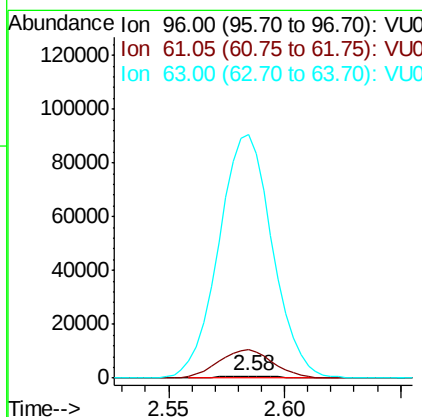
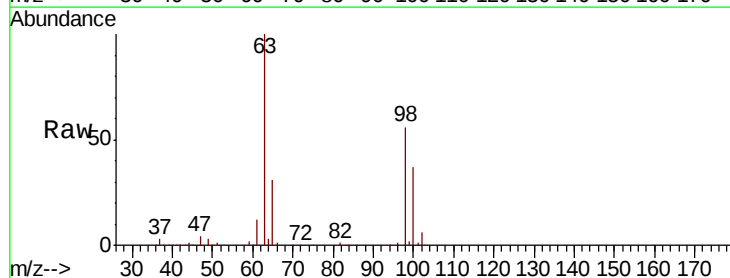
Instrument :
MSVOA_U
ClientSampleId :
BF8P7DL

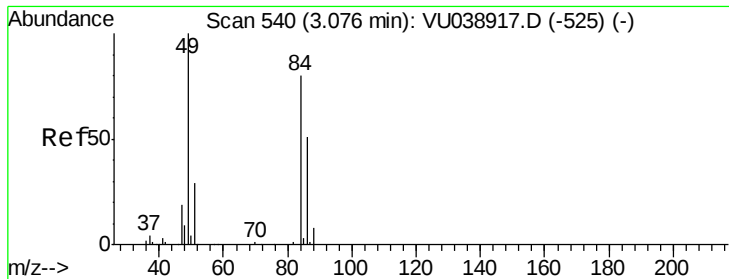
Tot Ion: 50 Resp: 2252
Ion Ratio Lower Upper
50 100
52 39.2 23.0 42.6



#12
1,1-Dichloroethene
Concen: 0.071 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.02 min
Lab File: VU038919.D
Acq: 16 Jun 2020 13:36

Tgt Ion: 96 Resp: 1536
Ion Ratio Lower Upper
96 100
61 1298.7 124.9 232.1#
63 10957.9 79.1 146.9#

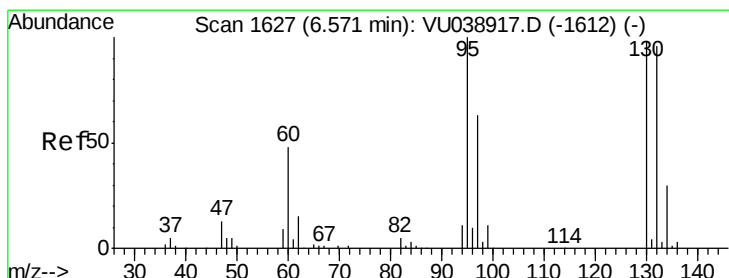
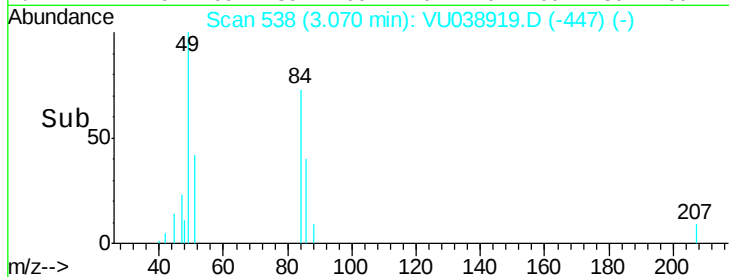
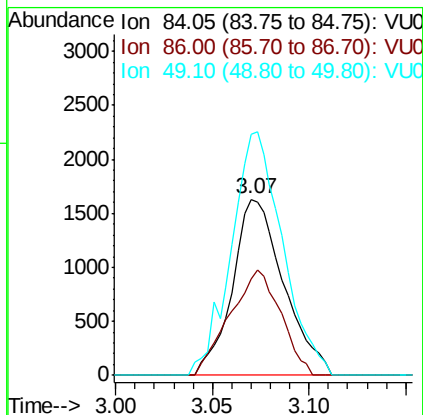
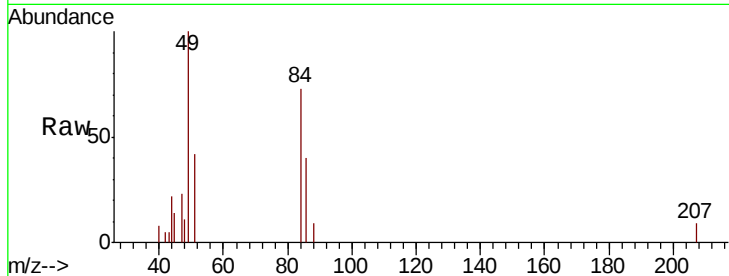




#16
Methvlene chloride
Concen: 0.121 ug/L
RT: 3.07 min Scan# 538
Delta R.T. -0.01 min
Lab File: VU038919.D
Acq: 16 Jun 2020 13:36

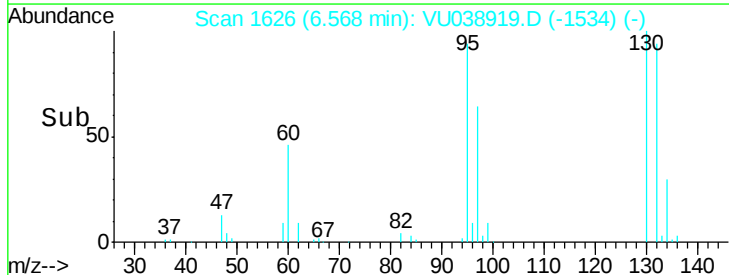
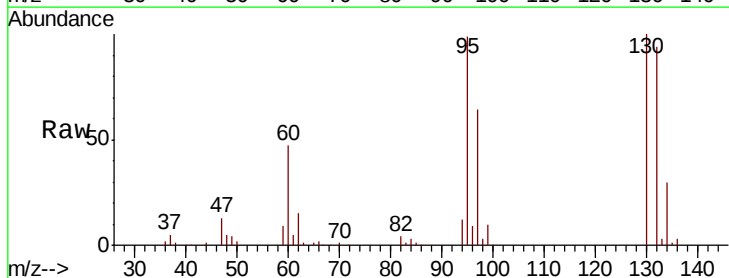
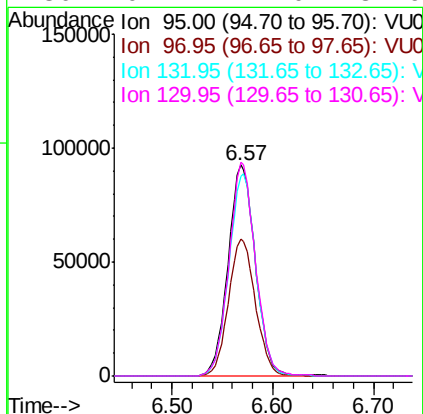
Instrument :
MSVOA_U
ClientSampleId :
BF8P7DL

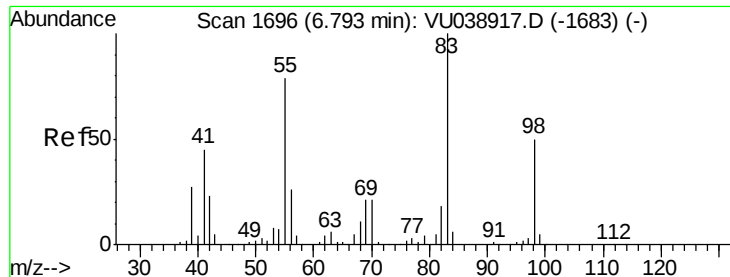
Tot Ion: 84 Resp: 3010
Ion Ratio Lower Upper
84 100
86 54.3 47.9 89.1
49 136.6 88.4 164.2



#34
Trichloroethene
Concen: 7.264 ug/L
RT: 6.57 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VU038919.D
Acq: 16 Jun 2020 13:36

Tgt Ion: 95 Resp: 174604
Ion Ratio Lower Upper
95 100
97 64.8 46.1 85.5
132 95.1 68.2 126.6
130 101.4 71.0 131.9

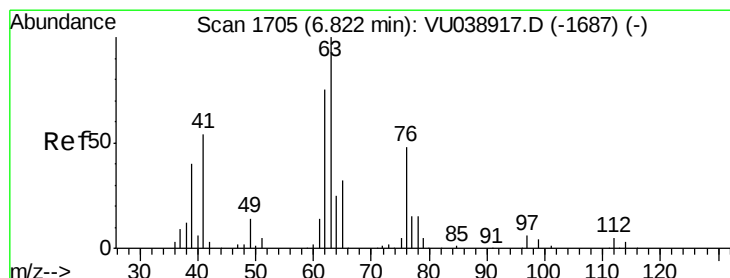
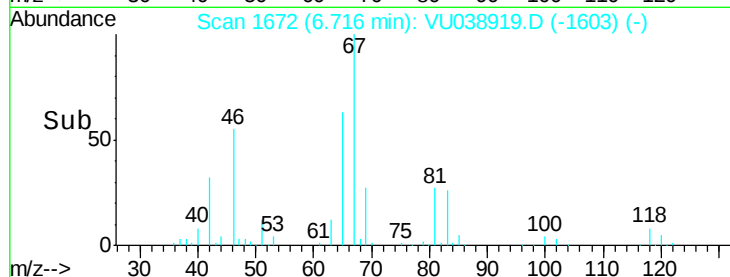
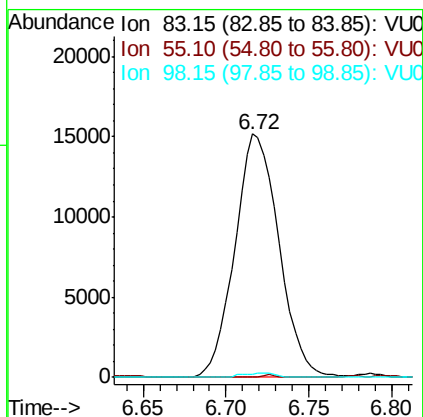
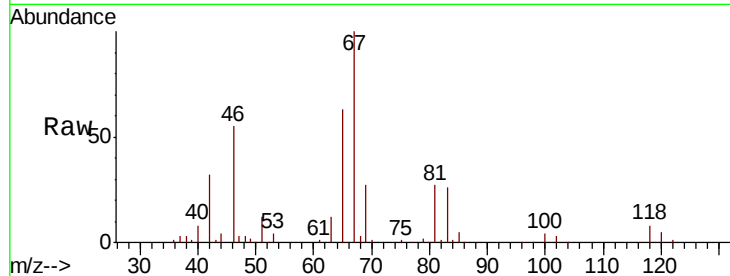




#35
Methvlcvclohexane
Concen: 0.782 ug/L
RT: 6.72 min Scan# 1672
Delta R.T. -0.08 min
Lab File: VU038919.D
Acq: 16 Jun 2020 13:36

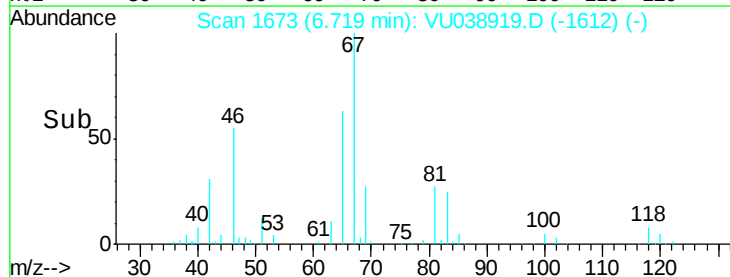
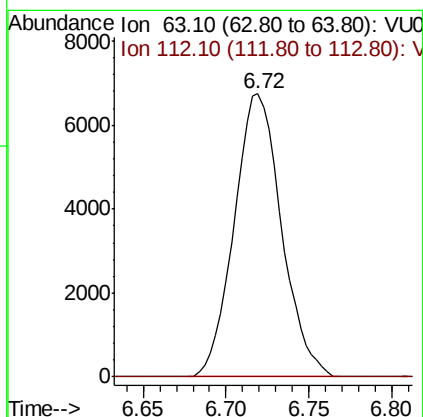
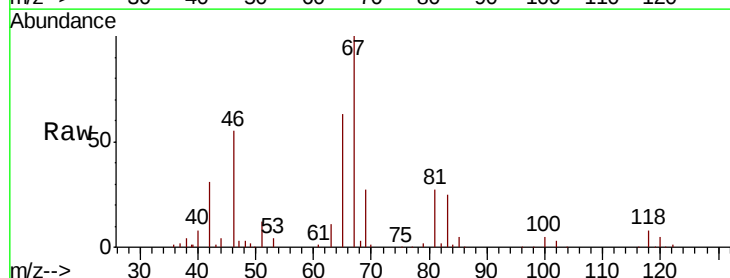
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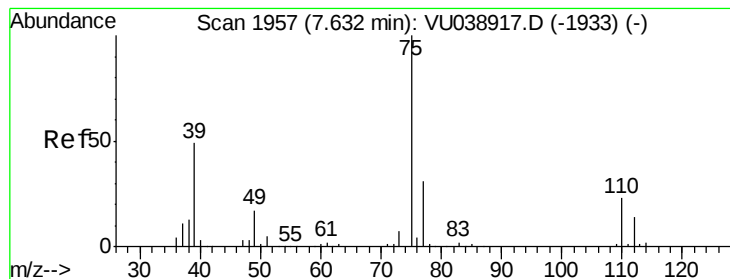
Tot Ion: 83 Resp: 28012
Ion Ratio Lower Upper
83 100
55 0.3 63.6 95.4#
98 0.0 38.9 58.3#



#37
1,2-Dichloropropane
Concen: 0.564 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038919.D
Acq: 16 Jun 2020 13:36

Tgt Ion: 63 Resp: 13396
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



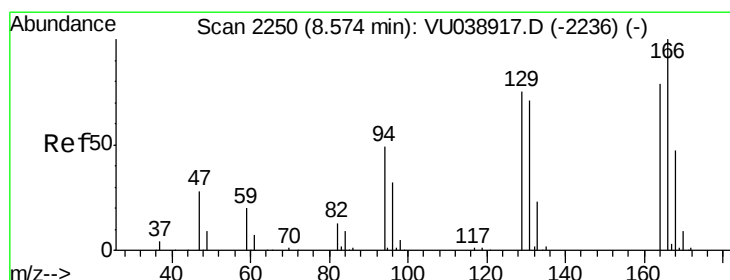
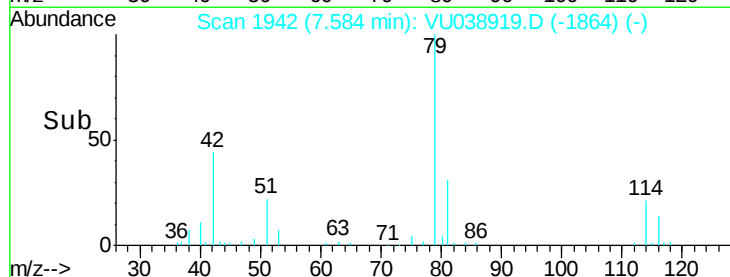
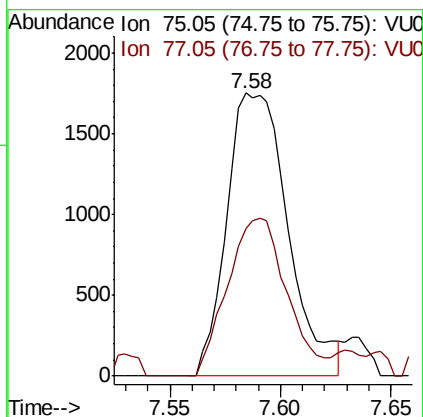
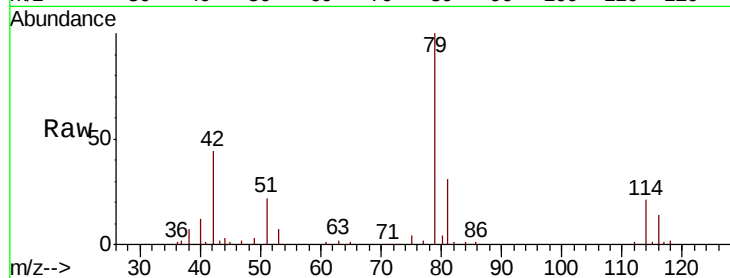


#39

cis-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 7.58 min Scan# 1942
Delta R.T. -0.05 min
Lab File: VU038919.D
Acq: 16 Jun 2020 13:36

Instrument :
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ClientSampleId :
BF8P7DL

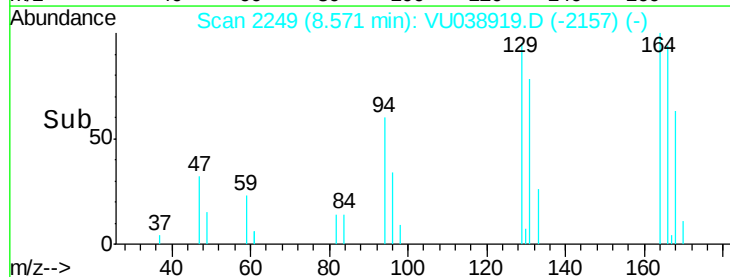
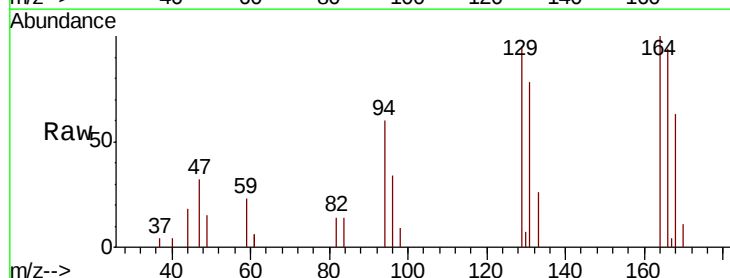
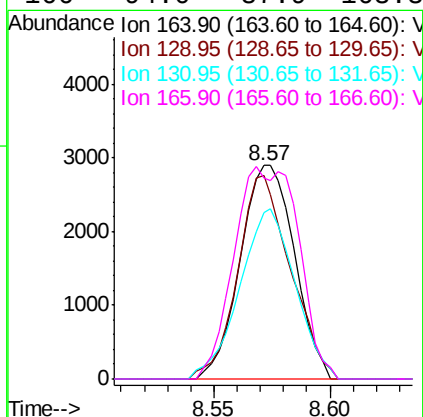
Tot Ion: 75 Resp: 3375
Ion Ratio Lower Upper
75 100
77 52.2 23.0 42.6#

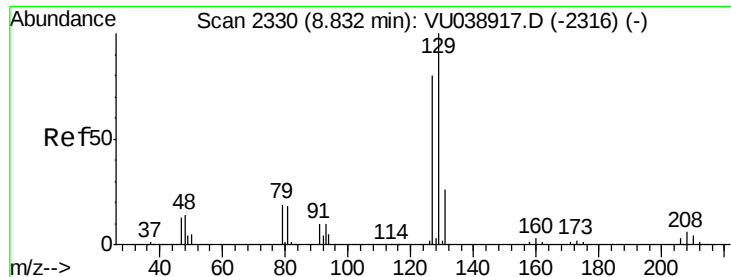


#47

Tetrachloroethene
Concen: 0.254 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.00 min
Lab File: VU038919.D
Acq: 16 Jun 2020 13:36

Tgt Ion: 164 Resp: 4685
Ion Ratio Lower Upper
164 100
129 95.0 65.5 121.7
131 78.2 63.9 118.7
166 94.0 87.9 163.3

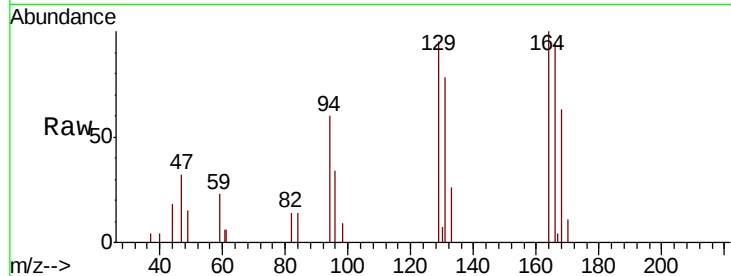




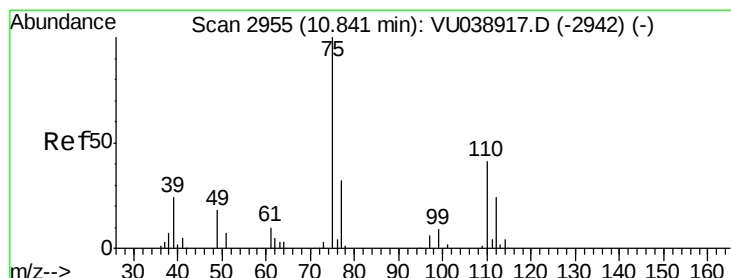
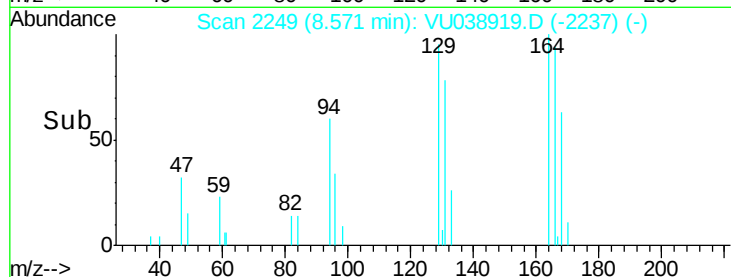
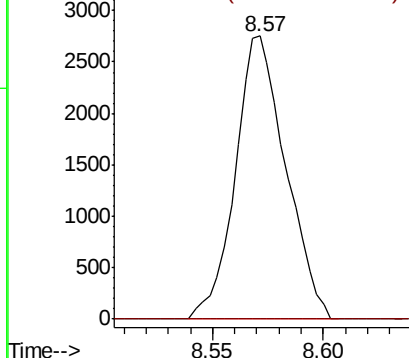
#49
 Dibromochloromethane
 Concen: 0.207 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.26 min
 Lab File: VU038919.D
 Acq: 16 Jun 2020 13:36

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8P7DL

Tot Ion:129 Resp: 4360
 Ion Ratio Lower Upper
 129 100
 127 0.0 56.7 105.3#

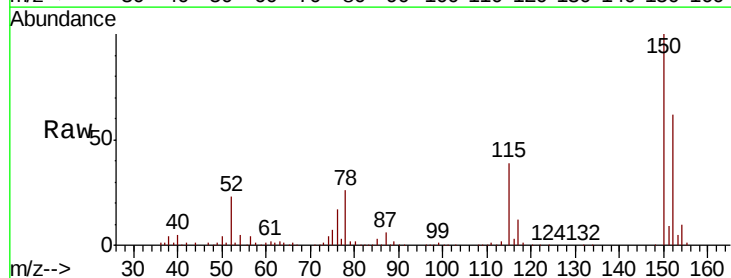


Abundance Ion 128.95 (128.65 to 129.65): V
 Ion 126.90 (126.60 to 127.60): V



#59
 1,2,3-Trichloropropane
 Concen: 0.940 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038919.D
 Acq: 16 Jun 2020 13:36

Tgt Ion: 75 Resp: 17212
 Ion Ratio Lower Upper
 75 100
 77 40.6 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

