

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061620\
 Data File : VU038920.D
 Acq On : 16 Jun 2020 13:59
 Operator : SY/MD
 Sample : L2975-04DL5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8P8DL

Quant Time: Jun 17 02:01:49 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	300907	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	307515	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	163030	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	84255	5.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.40%
7) Chloroethane-d5	1.93	69	74807	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.58	63	140403	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.69	46	321329	59.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.42%
24) Chloroform-d	5.10	84	186441	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.74	65	112844	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.76	84	369854	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.72	67	113582	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.92	98	319932	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	8.20	79	46292	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.67	63	266360	57.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.58%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	102013	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	135065	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

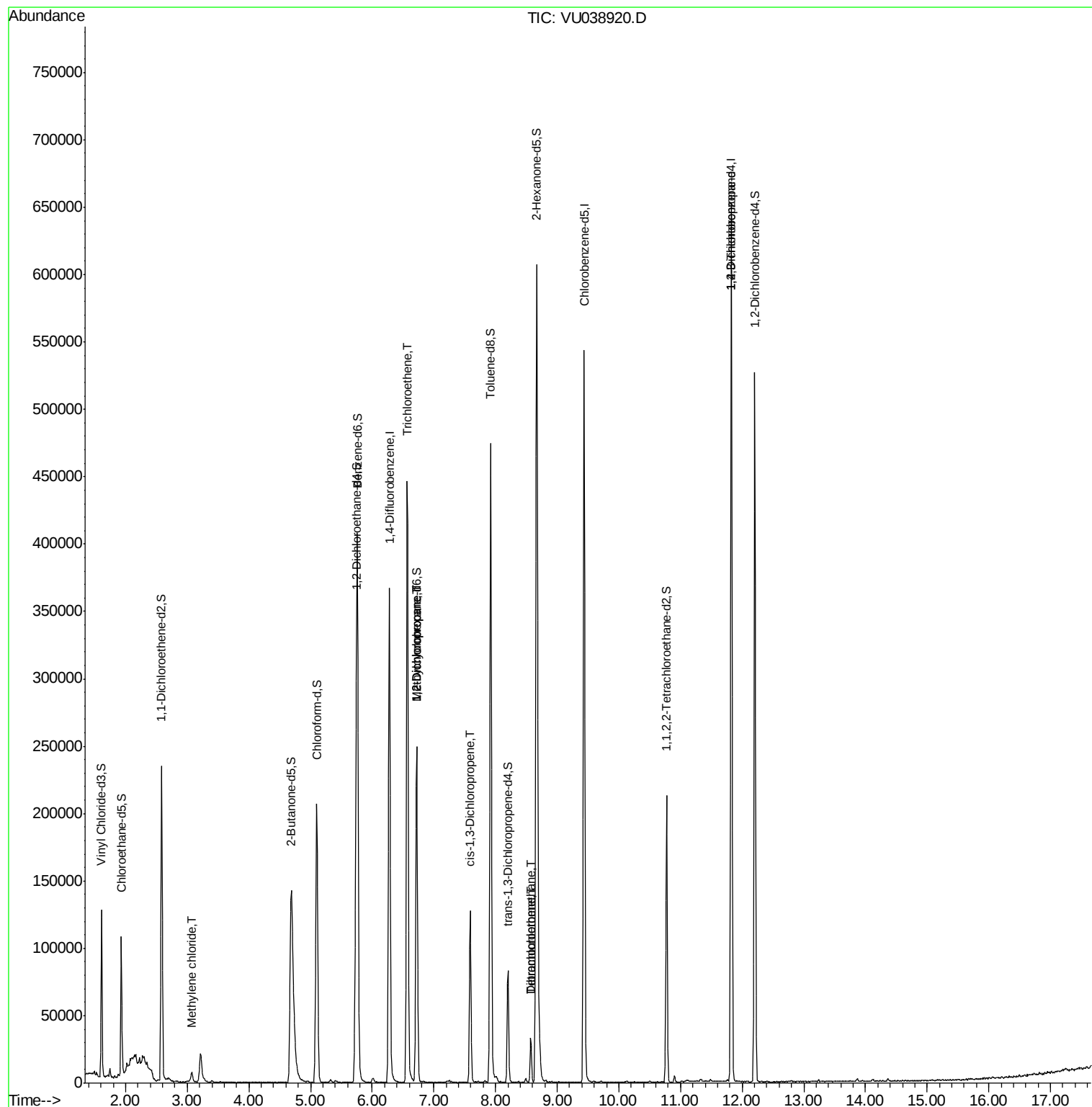
					Ovalue
16) Methylene chloride	3.07	84	3356	0.137 ug/L	91
34) Trichloroethene	6.57	95	152650	6.400 ug/L	98
35) Methylcyclohexane	6.72	83	27510	0.774 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12881	0.547 ug/L #	85
39) cis-1,3-Dichloropropene	7.59	75	3491	0.104 ug/L	85
47) Tetrachloroethene	8.57	164	6682	0.366 ug/L	96
49) Dibromochloromethane	8.57	129	6892	0.330 ug/L #	9
59) 1,2,3-Trichloropropane	11.83	75	21634	1.191 ug/L	93

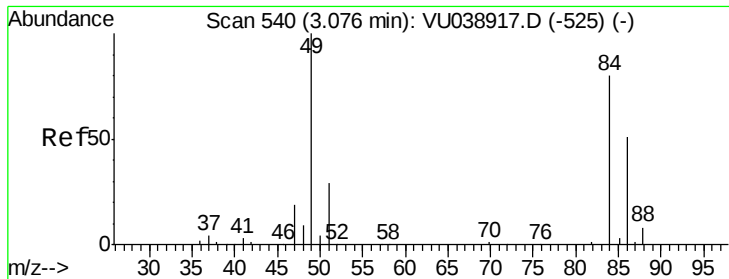
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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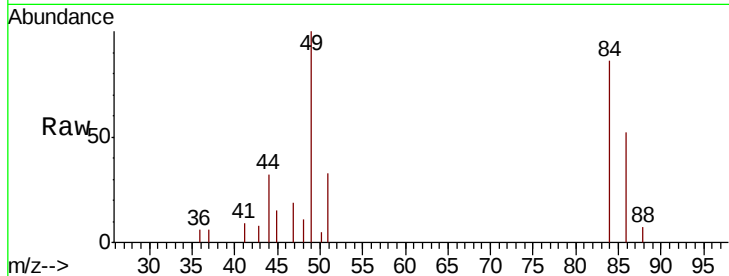




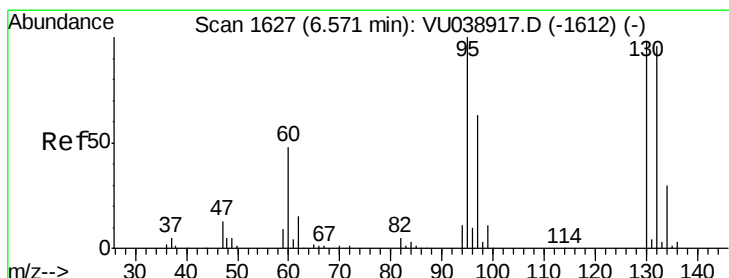
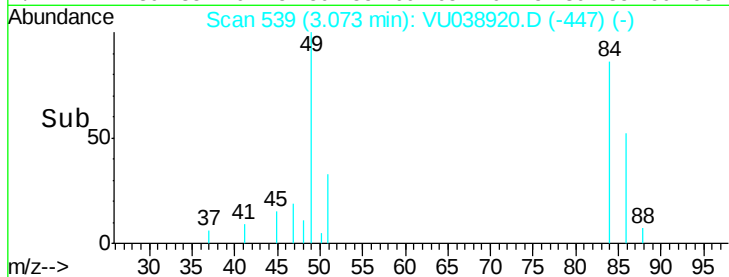
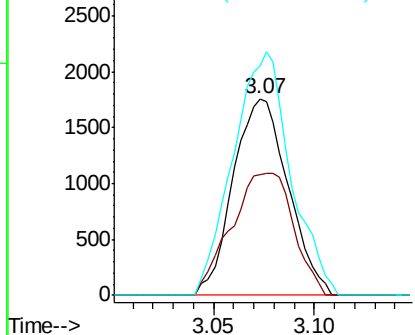
#16
Methvlene chloride
Concen: 0.137 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU038920.D
Acq: 16 Jun 2020 13:59

Instrument :
MSVOA_U
ClientSampleId :
BF8P8DL

Tot Ion: 84 Resp: 3356
Ion Ratio Lower Upper
84 100
86 61.1 47.9 89.1
49 116.8 88.4 164.2

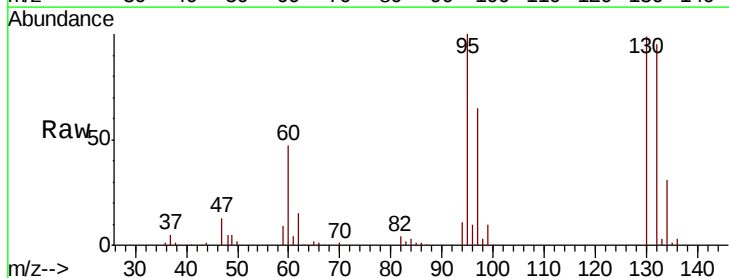


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

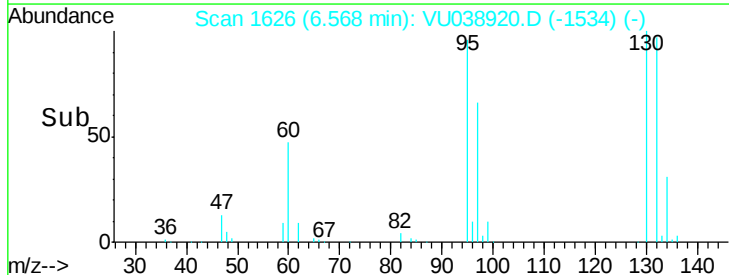
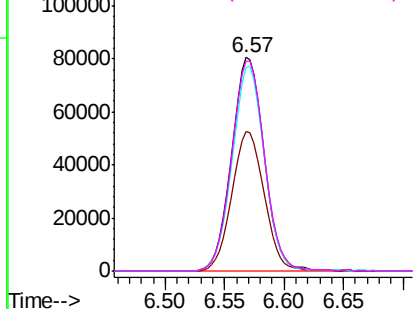


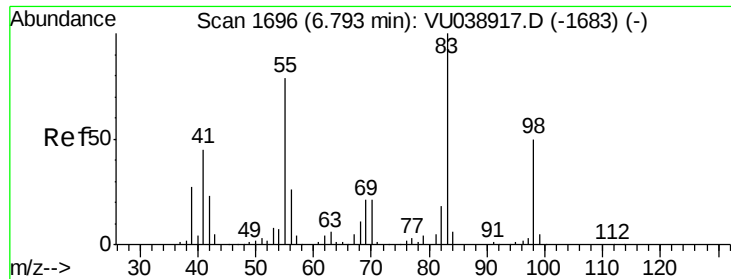
#34
Trichloroethene
Concen: 6.400 ug/L
RT: 6.57 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VU038920.D
Acq: 16 Jun 2020 13:59

Tgt Ion: 95 Resp: 152650
Ion Ratio Lower Upper
95 100
97 65.4 46.1 85.5
132 95.4 68.2 126.6
130 98.5 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

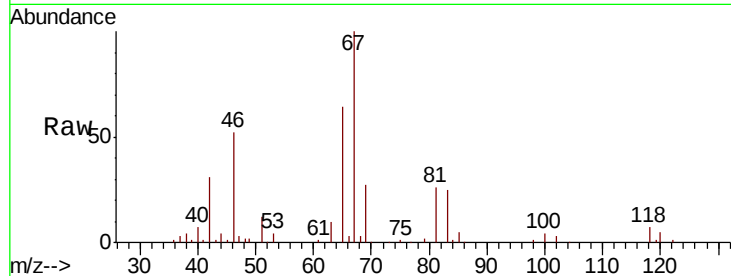




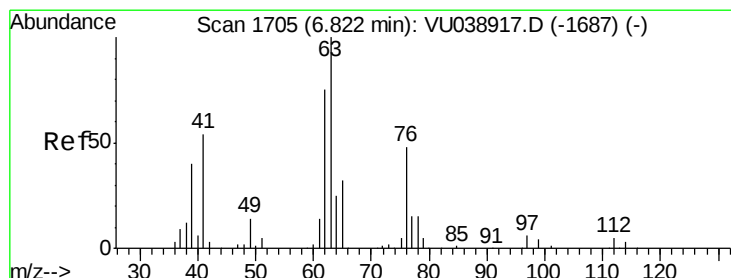
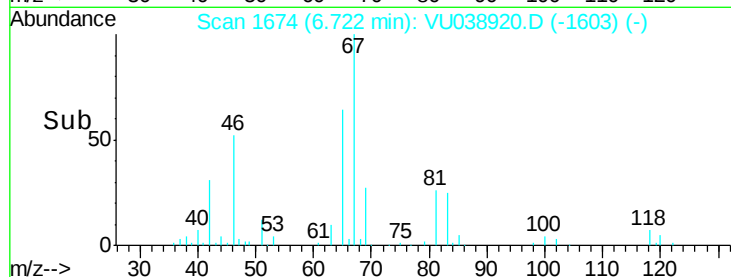
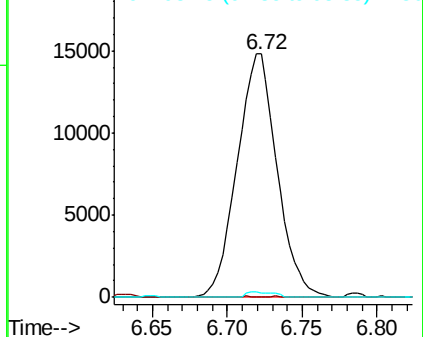
#35
Methvlcvclohexane
Concen: 0.774 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038920.D
Acq: 16 Jun 2020 13:59

Instrument :
MSVOA_U
ClientSampleId :
BF8P8DL

Tot Ion: 83 Resp: 27510
Ion Ratio Lower Upper
83 100
55 0.1 63.6 95.4#
98 0.0 38.9 58.3#

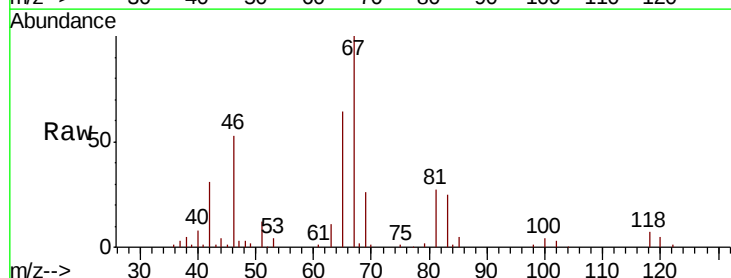


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

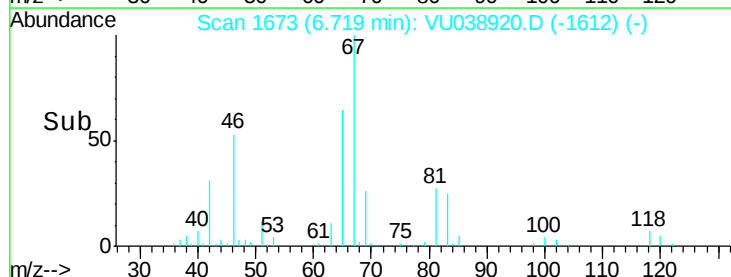
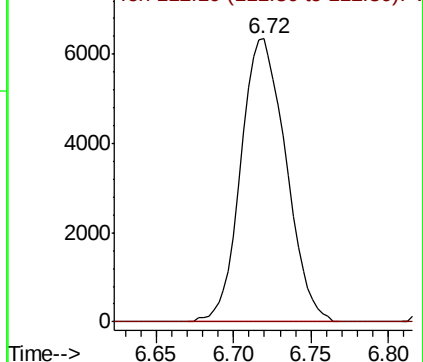


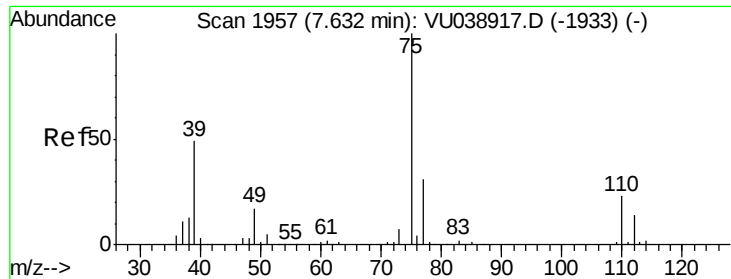
#37
1,2-Dichloropropane
Concen: 0.547 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038920.D
Acq: 16 Jun 2020 13:59

Tgt Ion: 63 Resp: 12881
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

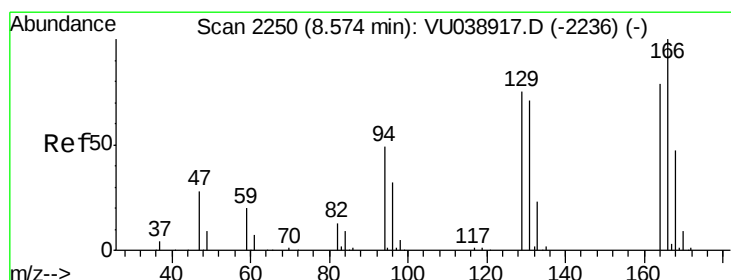
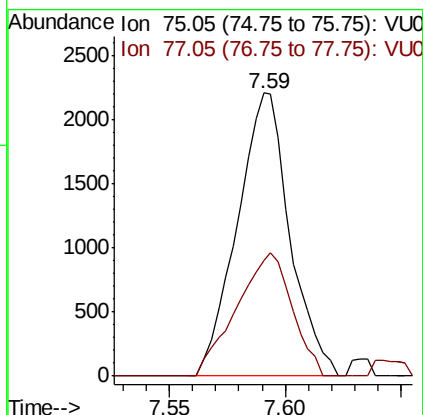
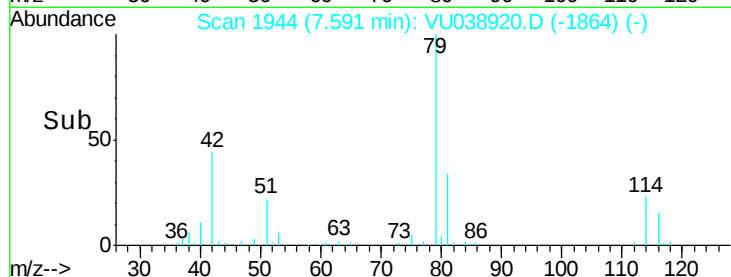
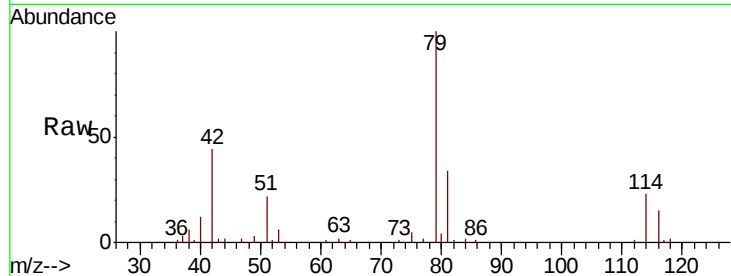




#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038920.D
 Acq: 16 Jun 2020 13:59

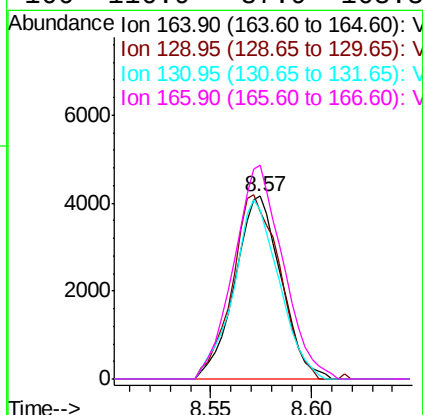
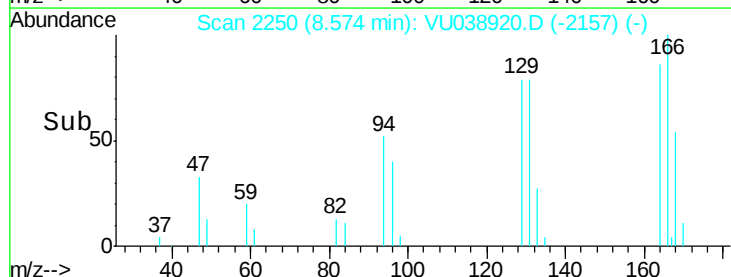
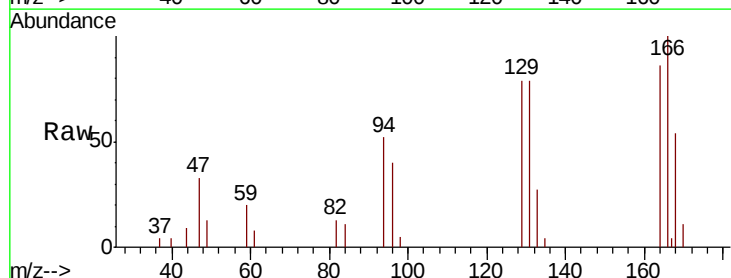
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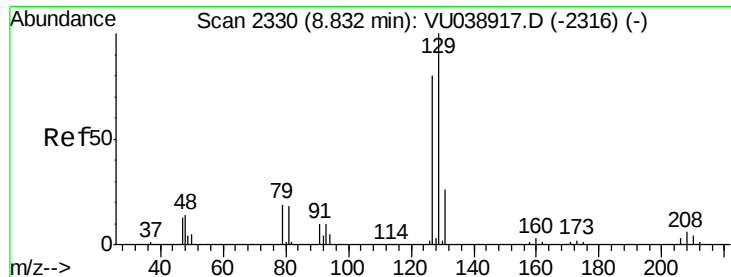
Tot Ion: 75 Resp: 3491
 Ion Ratio Lower Upper
 75 100
 77 41.0 23.0 42.6



#47
 Tetrachloroethene
 Concen: 0.366 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU038920.D
 Acq: 16 Jun 2020 13:59

Tgt Ion: 164 Resp: 6682
 Ion Ratio Lower Upper
 164 100
 129 92.0 65.5 121.7
 131 92.5 63.9 118.7
 166 116.9 87.9 163.3

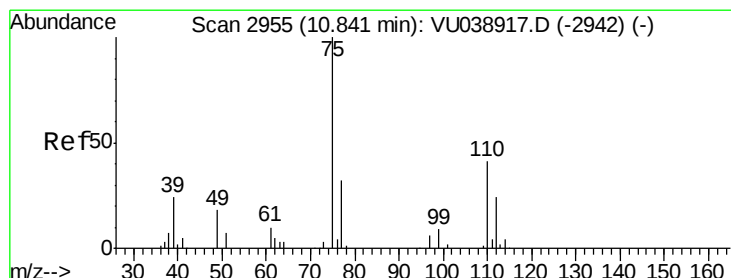
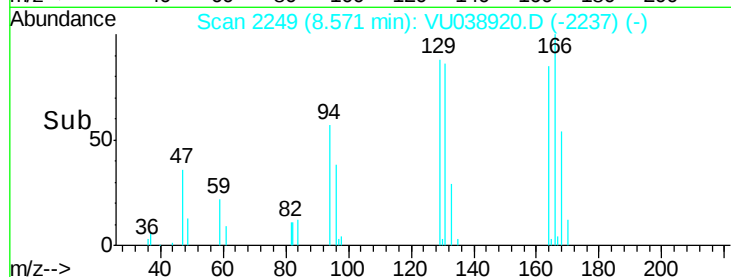
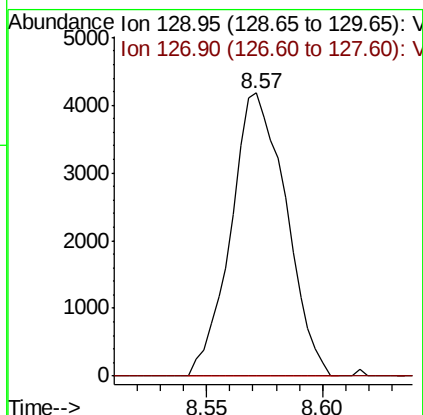
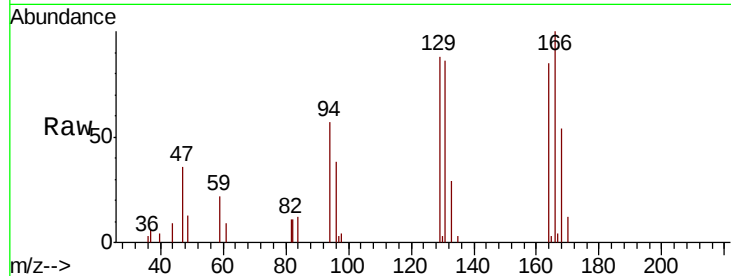




#49
 Dibromochloromethane
 Concen: 0.330 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.26 min
 Lab File: VU038920.D
 Acq: 16 Jun 2020 13:59

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8P8DL

Tot Ion:129 Resp: 6892
 Ion Ratio Lower Upper
 129 100
 127 0.0 56.7 105.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.191 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038920.D
 Acq: 16 Jun 2020 13:59

Tgt Ion: 75 Resp: 21634
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.9 38.9

