

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061520\
 Data File : VU038907.D
 Acq On : 15 Jun 2020 21:23
 Operator : SY/MD
 Sample : L2975-13DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8Q7DL

Quant Time: Jun 16 02:01:03 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	283843	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	288849	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	134665	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	89933	6.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.20%
7) Chloroethane-d5	1.93	69	70944	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.58	63	140126	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	4.68	46	318779	62.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.56%
24) Chloroform-d	5.10	84	183724	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.74	65	110893	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
32) Benzene-d6	5.76	84	359297	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	6.72	67	110508	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	7.92	98	300037	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	8.20	79	45278	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
46) 2-Hexanone-d5	8.66	63	264131	60.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	102577	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	126174	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

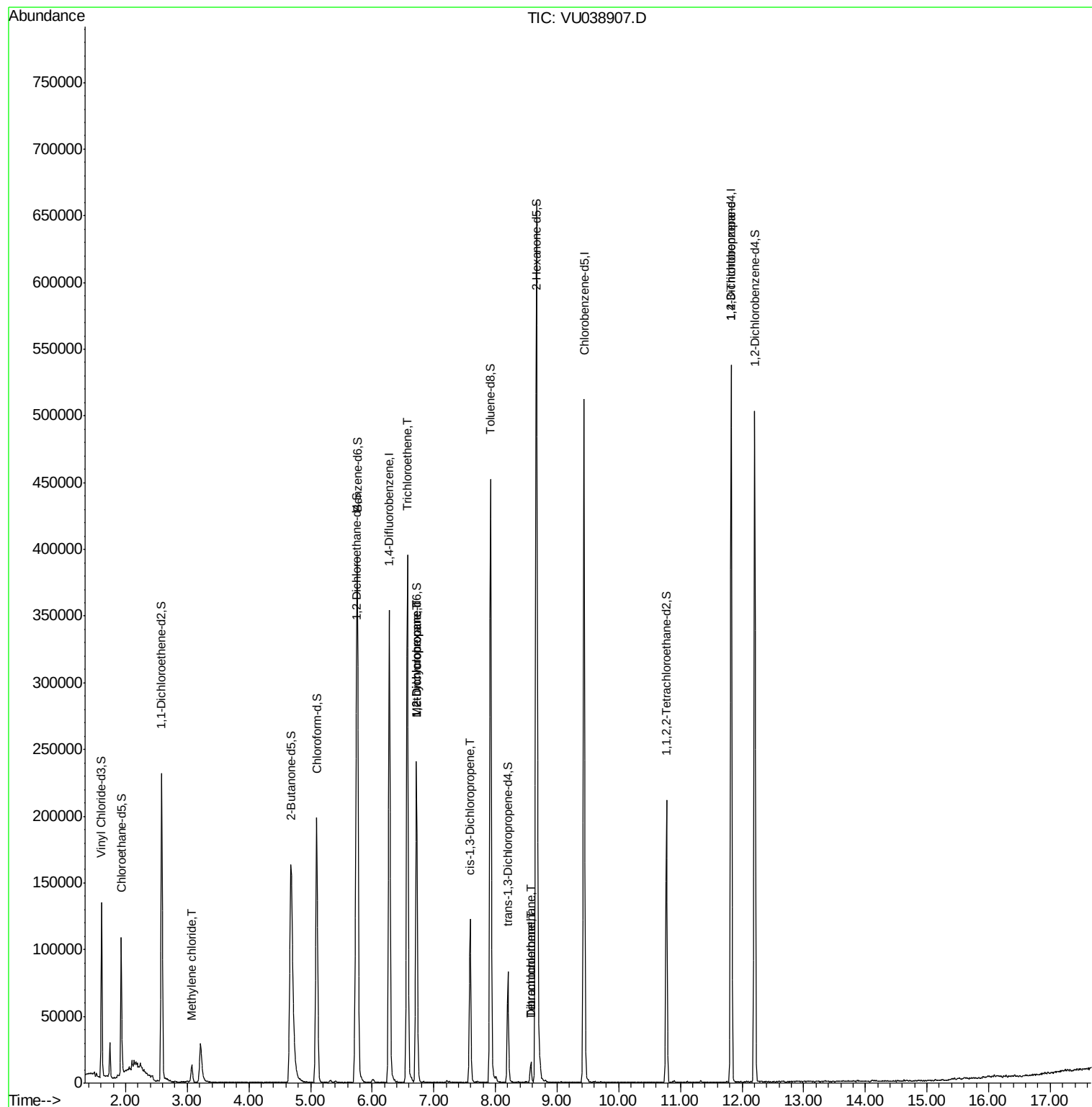
					Ovalue
16) Methylene chloride	3.08	84	5667	0.246 ug/L	97
34) Trichloroethene	6.57	95	134496	6.003 ug/L	96
35) Methylcyclohexane	6.72	83	26622	0.798 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12580	0.568 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3299	0.104 ug/L #	64
47) Tetrachloroethene	8.57	164	3472	0.202 ug/L	92
49) Dibromochloromethane	8.58	129	3372	0.172 ug/L #	9
59) 1,2,3-Trichloropropane	11.83	75	17945	1.052 ug/L	96

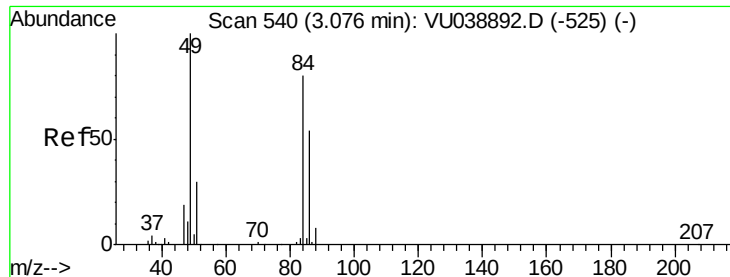
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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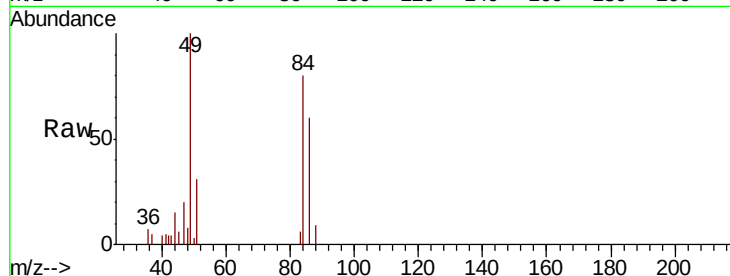




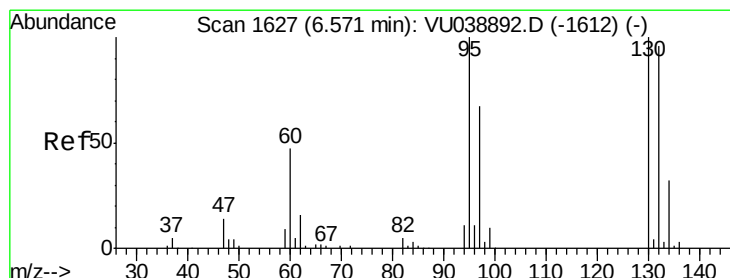
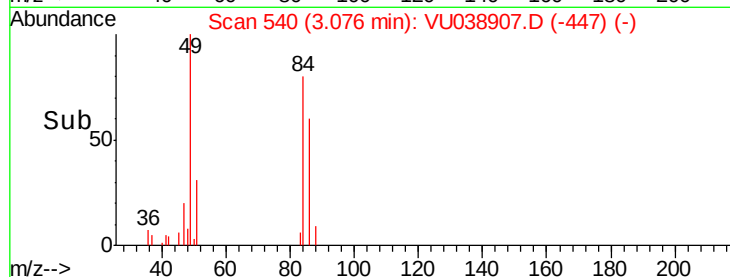
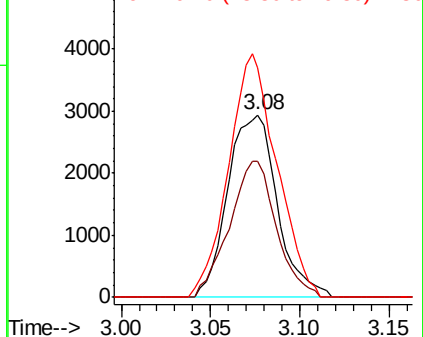
#16
Methvlene chloride
Concen: 0.246 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU038907.D
Acq: 15 Jun 2020 21:23

Instrument :
MSVOA_U
ClientSampleId :
BF8Q7DL

Tot Ion: 84 Resp: 5667
Ion Ratio Lower Upper
84 100
86 74.9 47.9 89.1
49 125.6 88.4 164.2

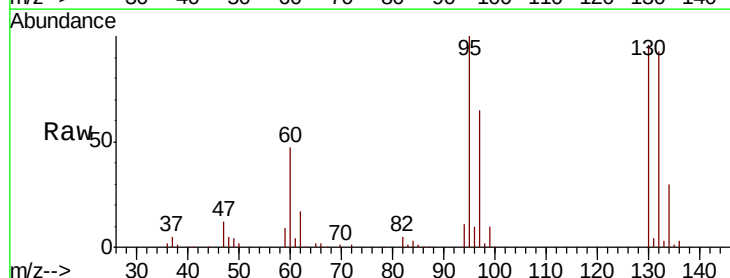


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

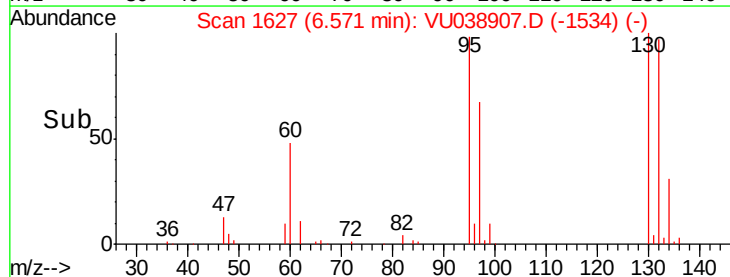
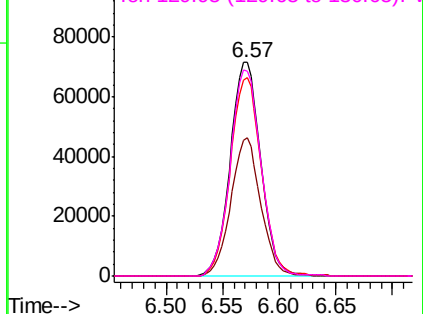


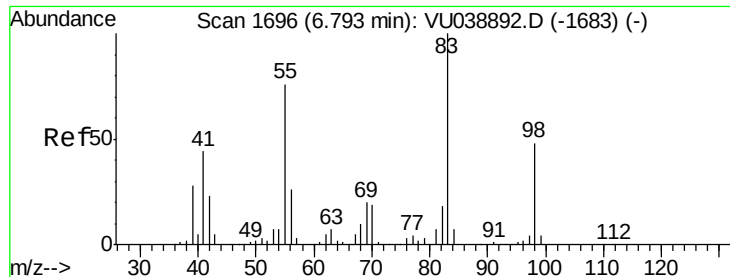
#34
Trichloroethene
Concen: 6.003 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038907.D
Acq: 15 Jun 2020 21:23

Tgt Ion: 95 Resp: 134496
Ion Ratio Lower Upper
95 100
97 64.5 46.1 85.5
132 92.9 68.2 126.6
130 96.0 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

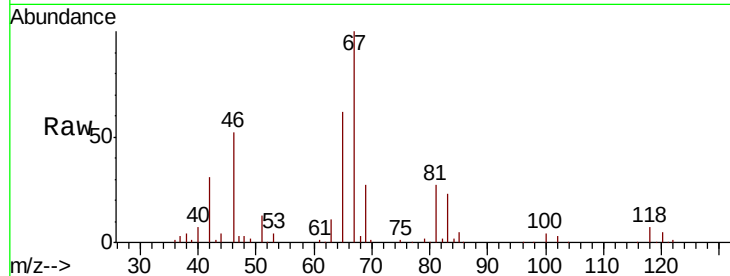




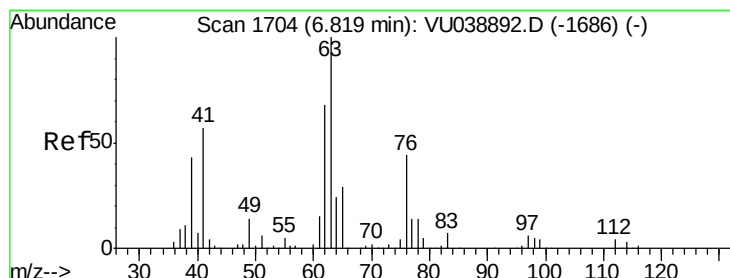
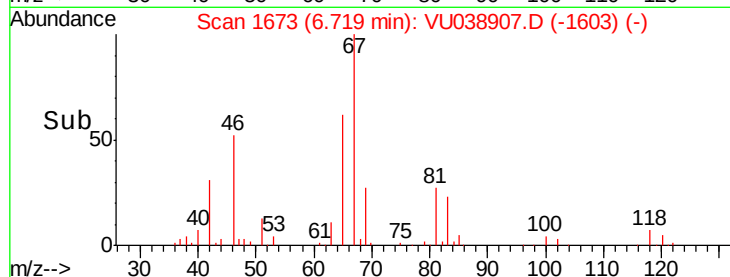
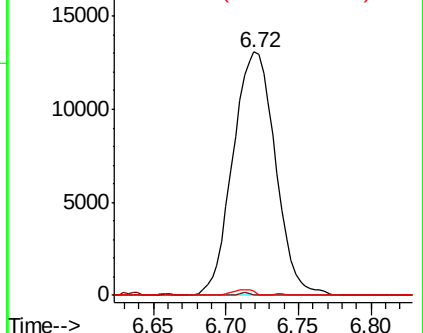
#35
Methvlcvclohexane
Concen: 0.798 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038907.D
Acq: 15 Jun 2020 21:23

Instrument :
MSVOA_U
ClientSampleId :
BF8Q7DL

Tot Ion: 83 Resp: 26622
Ion Ratio Lower Upper
83 100
55 0.2 63.6 95.4#
98 1.2 38.9 58.3#

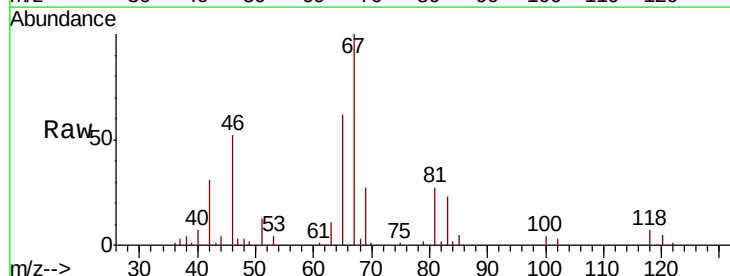


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

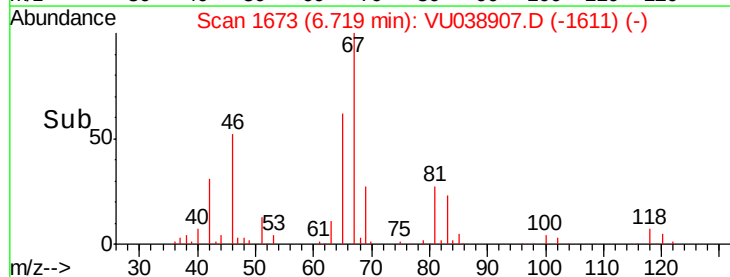
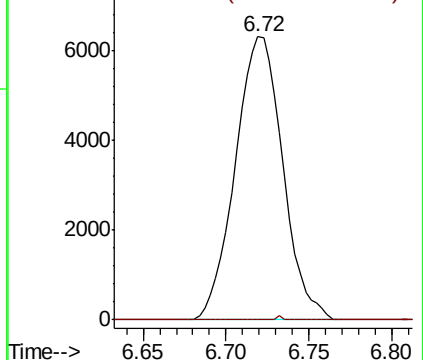


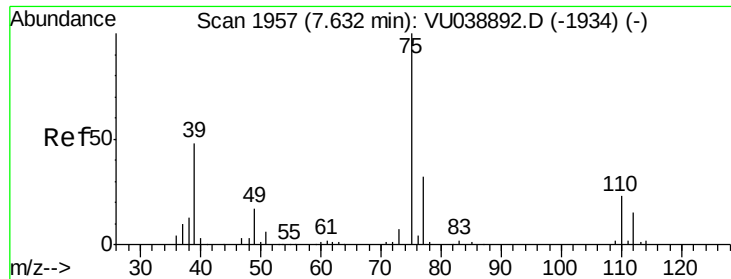
#37
1,2-Dichloropropane
Concen: 0.568 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038907.D
Acq: 15 Jun 2020 21:23

Tgt Ion: 63 Resp: 12580
Ion Ratio Lower Upper
63 100
112 0.2 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

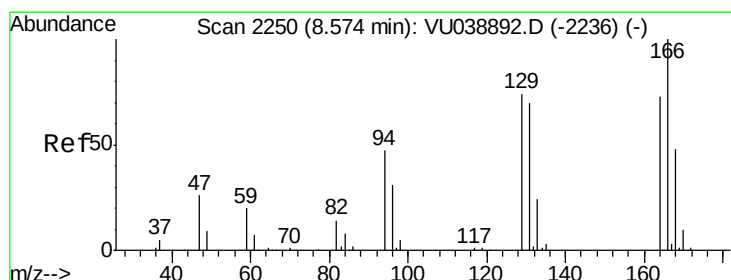
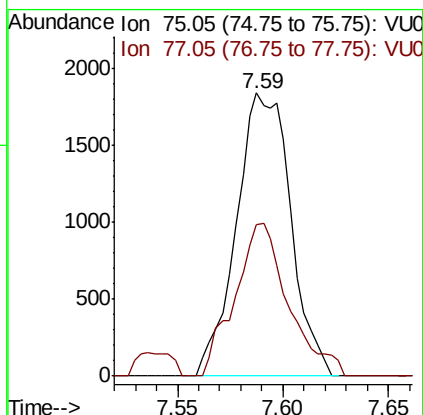
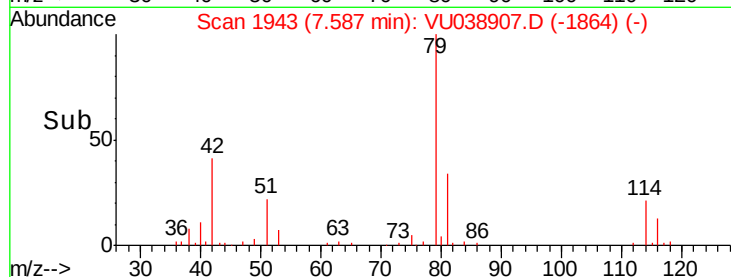
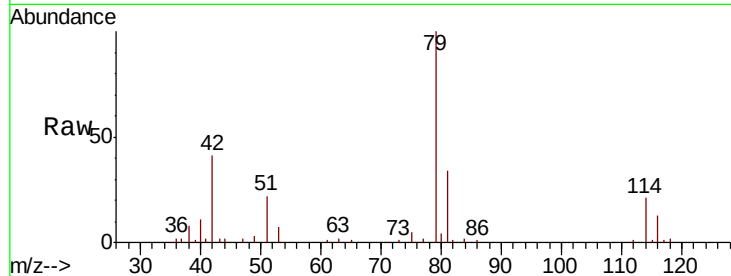




#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU038907.D
 Acq: 15 Jun 2020 21:23

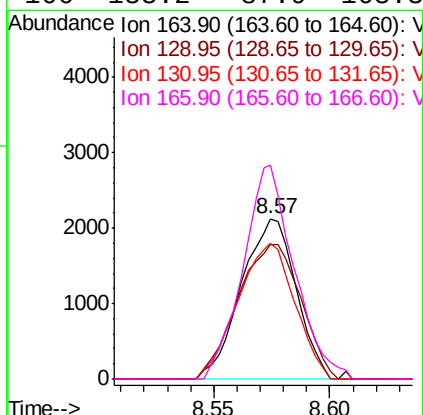
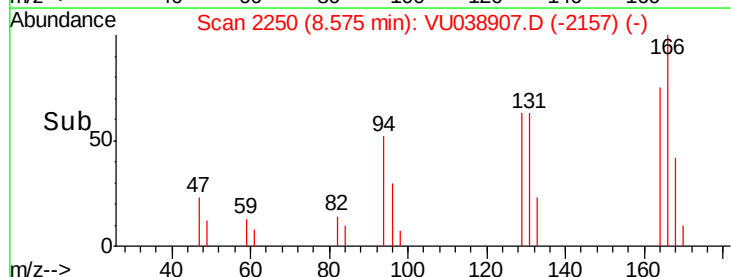
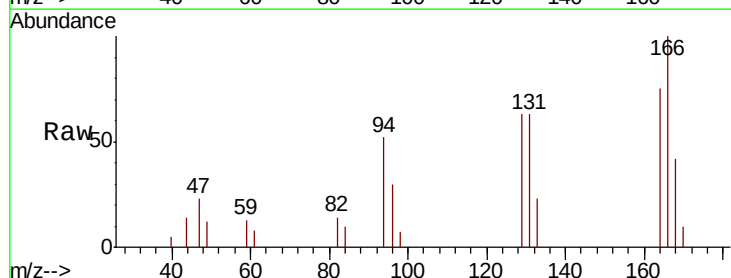
Instrument :
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 BF8Q7DL

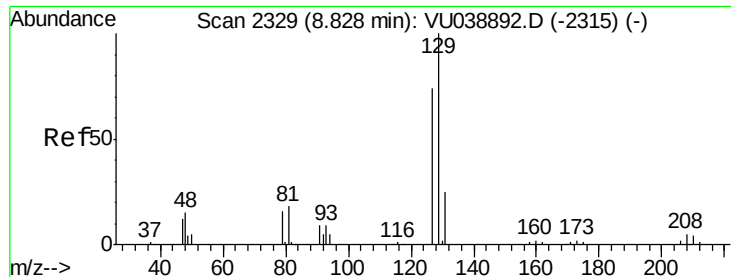
Tot Ion: 75 Resp: 3299
 Ion Ratio Lower Upper
 75 100
 77 53.3 23.0 42.6#



#47
 Tetrachloroethene
 Concen: 0.202 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU038907.D
 Acq: 15 Jun 2020 21:23

Tgt Ion:164 Resp: 3472
 Ion Ratio Lower Upper
 164 100
 129 83.7 65.5 121.7
 131 84.4 63.9 118.7
 166 133.2 87.9 163.3





#49

Dibromochloromethane

Concen: 0.172 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. -0.25 min

Lab File: VU038907.D

Acq: 15 Jun 2020 21:23

Instrument :

MSVOA_U

ClientSampleId :

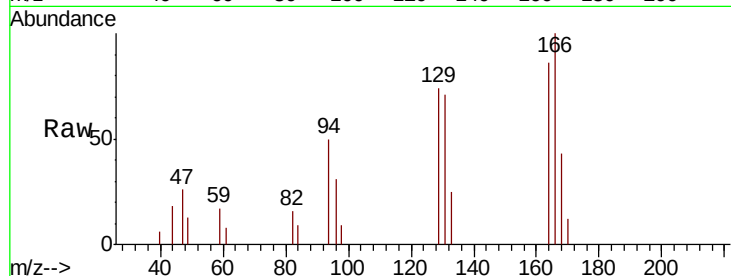
BF8Q7DL

Tot Ion:129 Resp: 3372

Ion Ratio Lower Upper

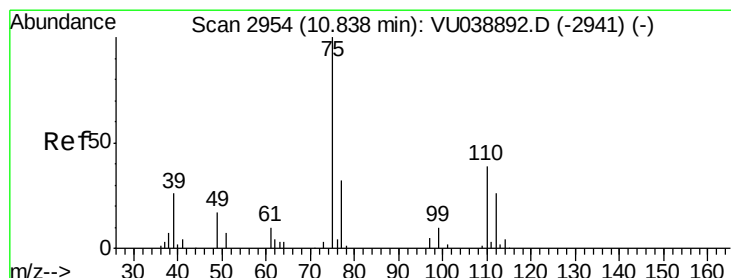
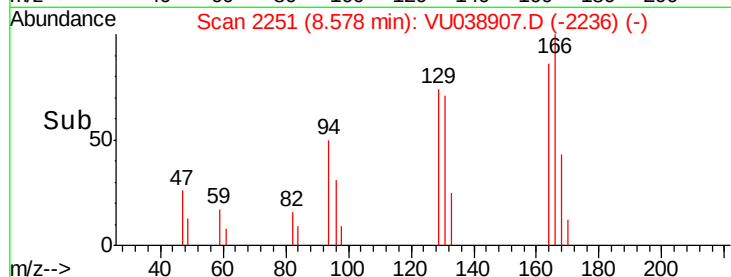
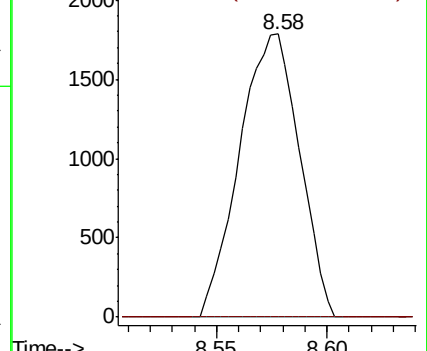
129 100

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: 1.052 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU038907.D

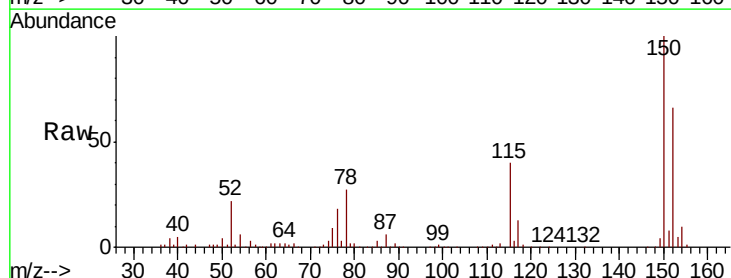
Acq: 15 Jun 2020 21:23

Tgt Ion: 75 Resp: 17945

Ion Ratio Lower Upper

75 100

77 34.7 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

