

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062620\
 Data File : VU039157.D
 Acq On : 26 Jun 2020 11:52
 Operator : SY/MD
 Sample : L3121-01DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F00DL

Quant Time: Jun 26 23:54:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 23:52:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	272593	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	280253	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	121216	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	52537	2.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.60%
7) Chloroethane-d5	1.93	69	53353	3.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.60%#
11) 1,1-Dichloroethene-d2	2.59	63	84134	2.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	43.80%#
20) 2-Butanone-d5	4.68	46	304558	42.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.56%
24) Chloroform-d	5.10	84	137297	3.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.00%
26) 1,2-Dichloroethane-d4	5.74	65	88162	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.00%
32) Benzene-d6	5.76	84	249879	3.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.40%#
36) 1,2-Dichloropropane-d6	6.72	67	87471	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	67.00%
41) Toluene-d8	7.92	98	191457	2.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.00%#
43) trans-1,3-Dichloropropene-	8.20	79	35735	3.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.00%
46) 2-Hexanone-d5	8.66	63	216343	36.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.86%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	83525	3.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	81928	3.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.60%#

Target Compounds

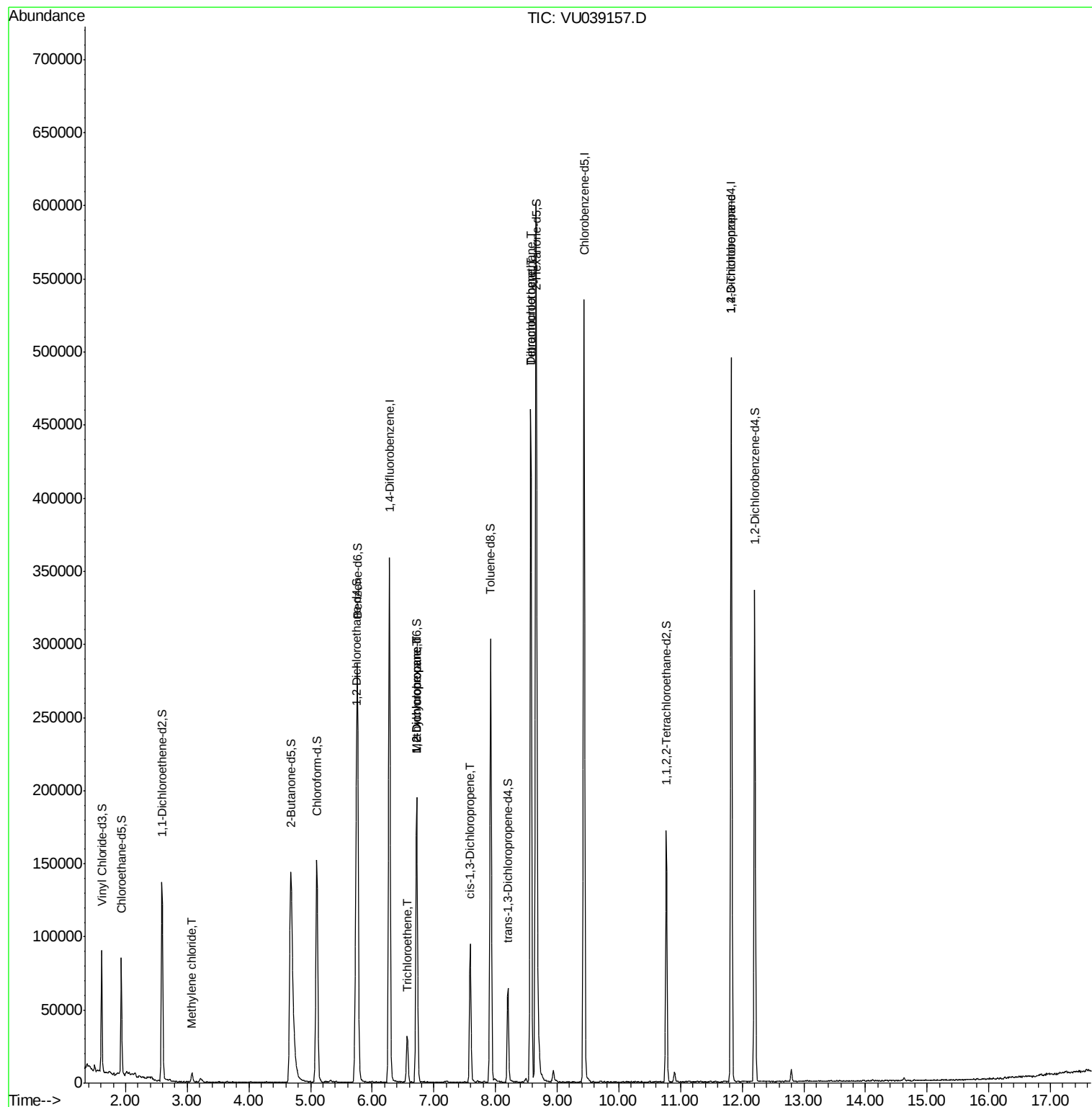
					Ovalue
16) Methylene chloride	3.07	84	3082	0.132	ug/L 80
34) Trichloroethene	6.57	95	9972	0.468	ug/L 91
35) Methylcyclohexane	6.72	83	21047	0.666	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	9815	0.411	ug/L # 87
39) cis-1,3-Dichloropropene	7.59	75	2538	0.077	ug/L # 69
47) Tetrachloroethene	8.57	164	97594	6.358	ug/L 94
49) Dibromochloromethane	8.57	129	93372	4.843	ug/L # 10
59) 1,2,3-Trichloropropane	11.82	75	16484	0.916	ug/L 93

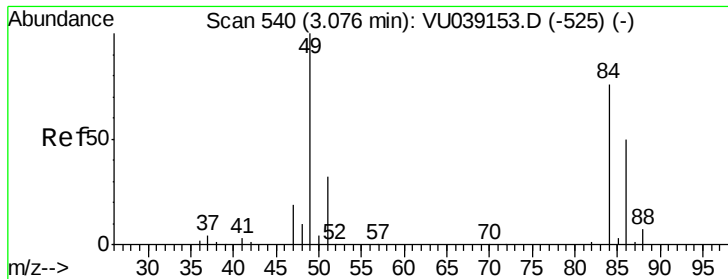
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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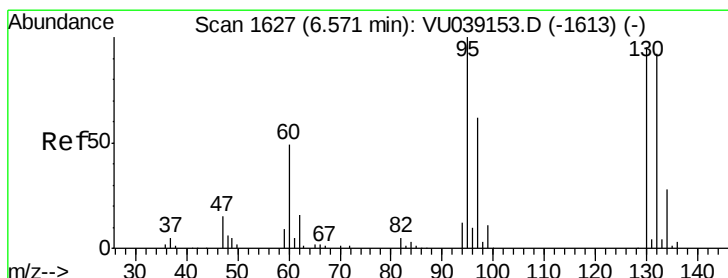
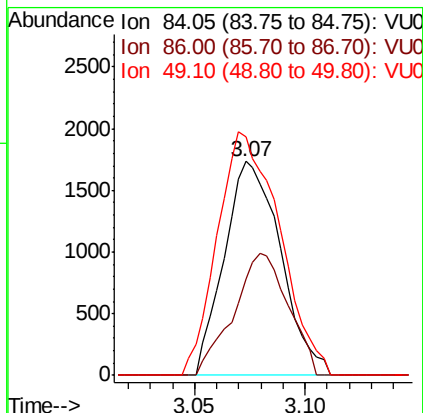
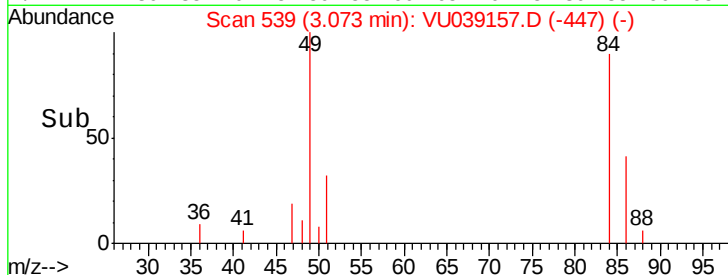
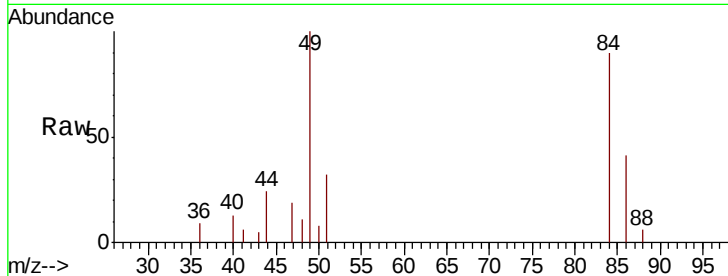




#16
Methvlene chloride
Concen: 0.132 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU039157.D
Acq: 26 Jun 2020 11:52

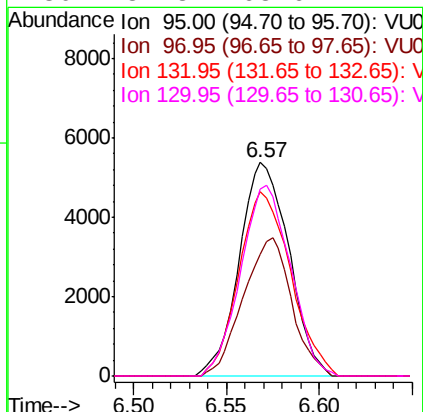
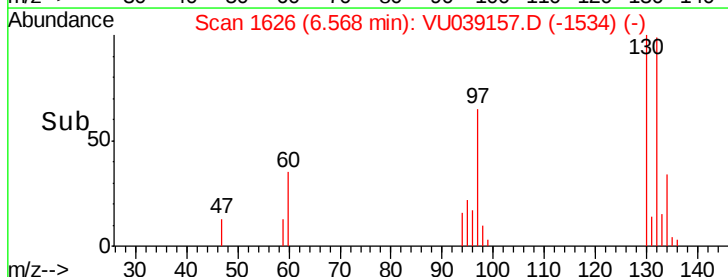
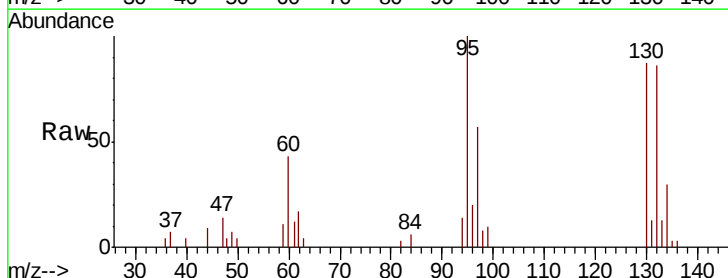
Instrument :
MSVOA_U
ClientSampleId :
F9F00DL

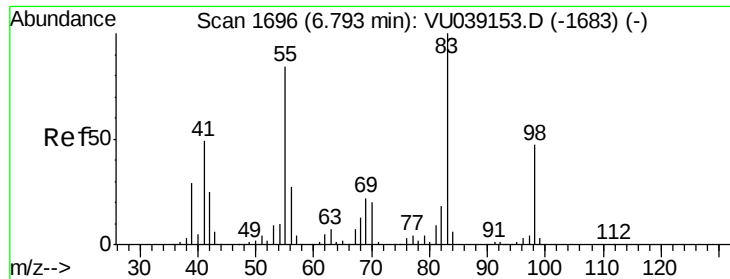
Tot Ion: 84 Resp: 3082
Ion Ratio Lower Upper
84 100
86 45.3 44.1 81.9
49 111.1 93.1 172.9



#34
Trichloroethene
Concen: 0.468 ug/L
RT: 6.57 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VU039157.D
Acq: 26 Jun 2020 11:52

Tgt Ion: 95 Resp: 9972
Ion Ratio Lower Upper
95 100
97 57.1 45.1 83.7
132 86.1 65.1 120.9
130 87.3 68.6 127.4

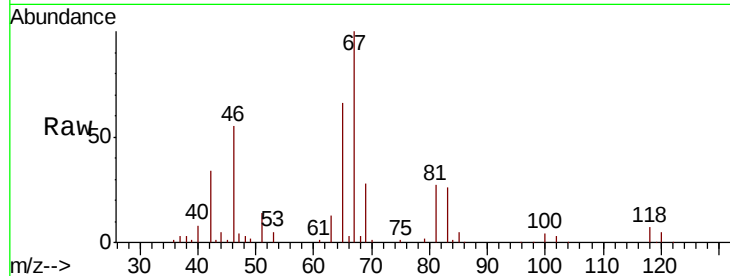




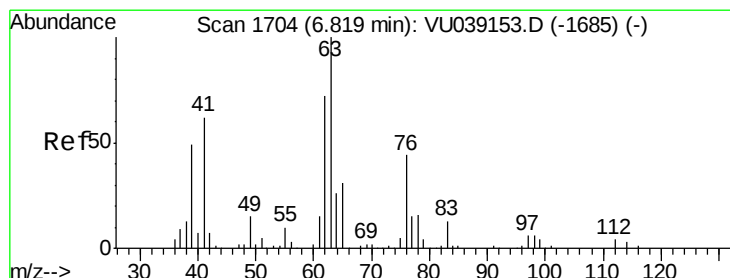
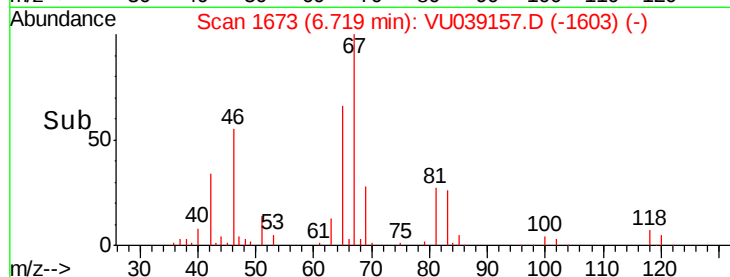
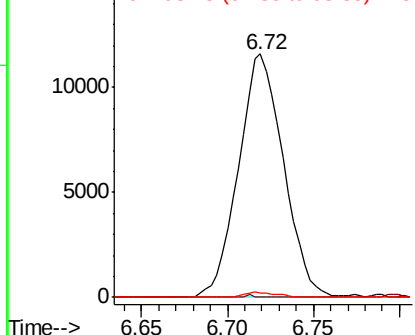
#35
Methylcyclohexane
Concen: 0.666 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039157.D
Acq: 26 Jun 2020 11:52

Instrument :
MSVOA_U
ClientSampleID :
F9F00DL

Tot Ion: 83 Resp: 21047
Ion Ratio Lower Upper
83 100
55 0.1 65.5 98.3#
98 1.5 36.5 54.7#

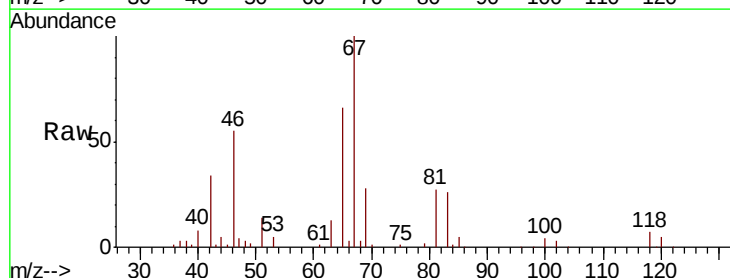


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

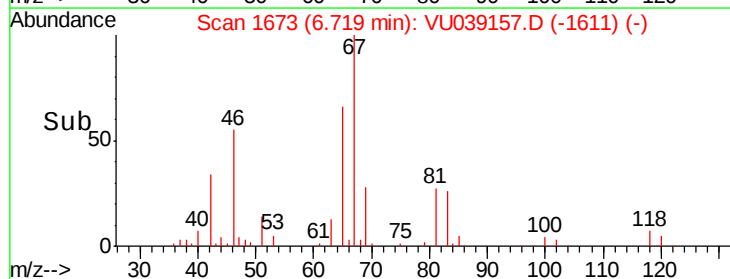
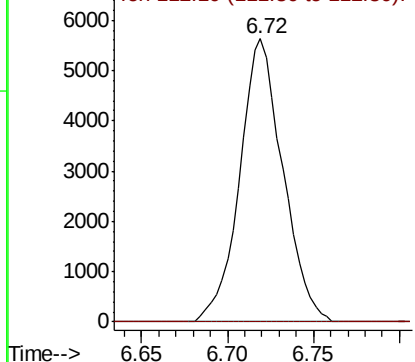


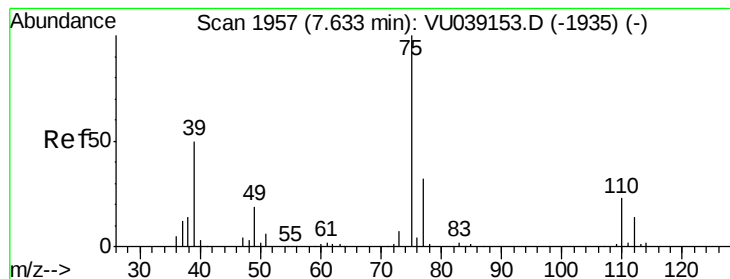
#37
1,2-Dichloropropane
Concen: 0.411 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039157.D
Acq: 26 Jun 2020 11:52

Tgt Ion: 63 Resp: 9815
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



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



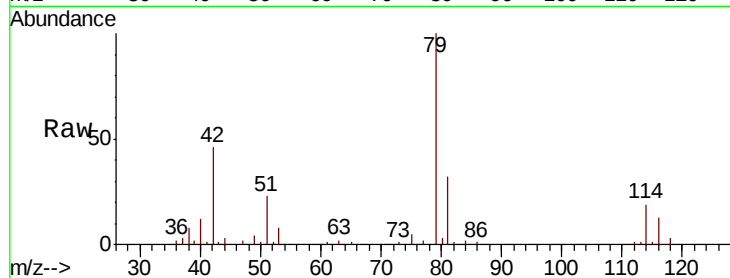


#39

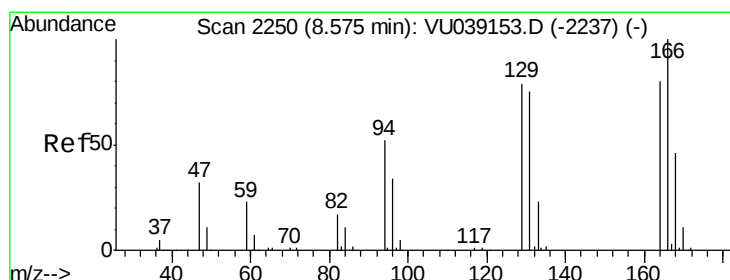
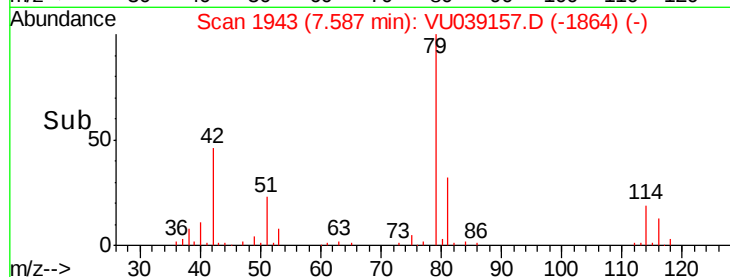
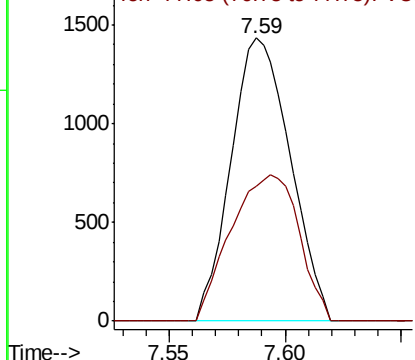
cis-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.05 min
Lab File: VU039157.D
Acq: 26 Jun 2020 11:52

Instrument :
MSVOA_U
ClientSampleId :
F9F00DL

Tot Ion: 75 Resp: 2538
Ion Ratio Lower Upper
75 100
77 47.7 21.6 40.0#



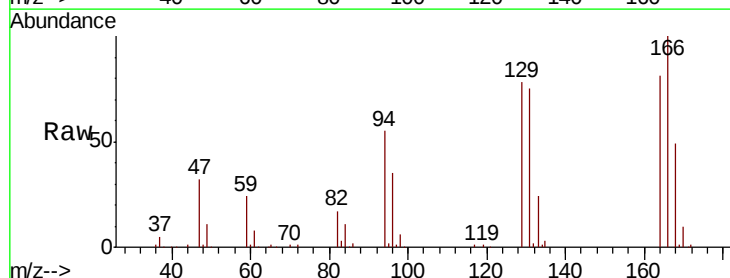
Abundance Ion 75.05 (74.75 to 75.75): VU039157.D (-1864) (-)
Ion 77.05 (76.75 to 77.75): VU039157.D (-1864) (-)



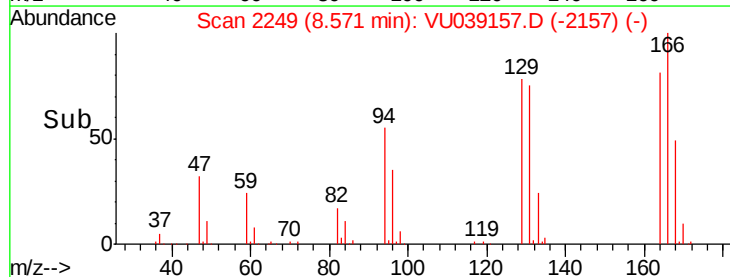
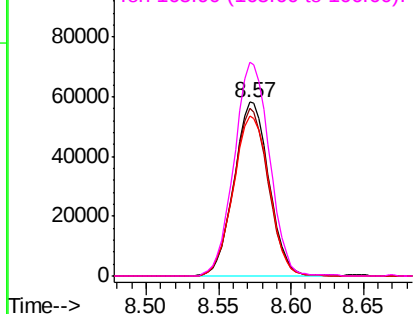
#47

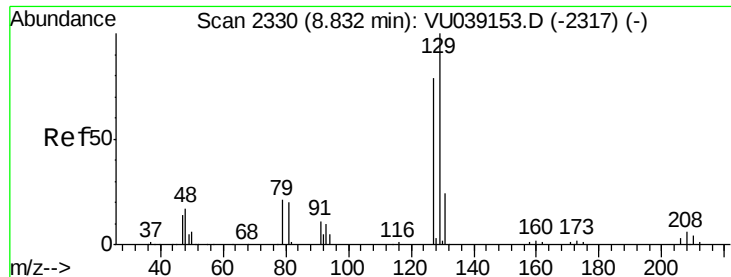
Tetrachloroethene
Concen: 6.358 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.00 min
Lab File: VU039157.D
Acq: 26 Jun 2020 11:52

Tgt Ion:164 Resp: 97594
Ion Ratio Lower Upper
164 100
129 96.3 71.3 132.5
131 91.8 68.3 126.8
166 122.9 90.8 168.6



Abundance Ion 163.90 (163.60 to 164.60): VU039157.D (-2157) (-)
Ion 128.95 (128.65 to 129.65): VU039157.D (-2157) (-)
Ion 130.95 (130.65 to 131.65): VU039157.D (-2157) (-)
Ion 165.90 (165.60 to 166.60): VU039157.D (-2157) (-)





#49

Dibromochloromethane

Concen: 4.843 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU039157.D

Acq: 26 Jun 2020 11:52

Instrument :

MSVOA_U

ClientSampleId :

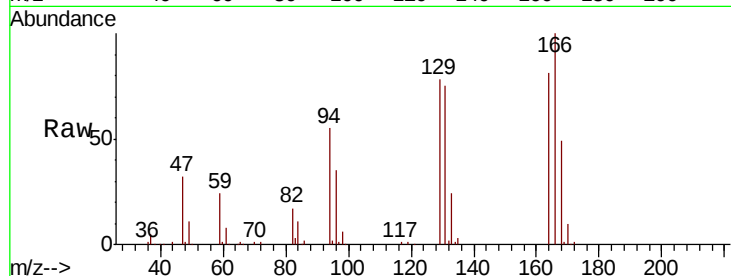
F9F00DL

Tot Ion:129 Resp: 93372

Ion Ratio Lower Upper

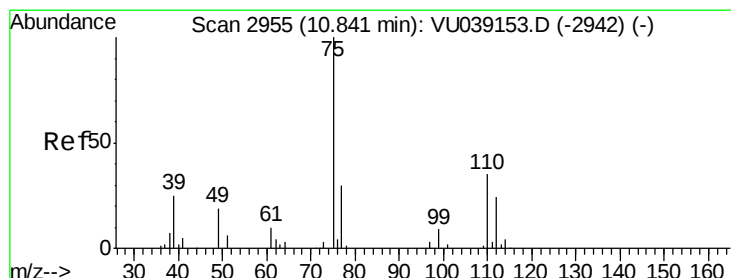
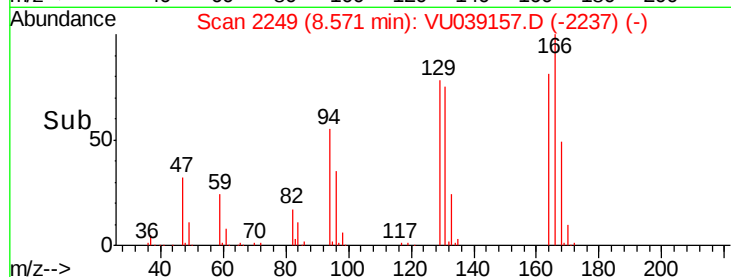
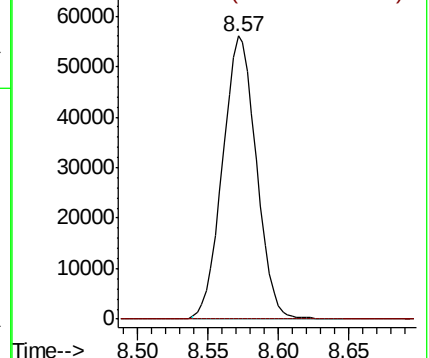
129 100

127 0.0 55.4 103.0#



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: 0.916 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039157.D

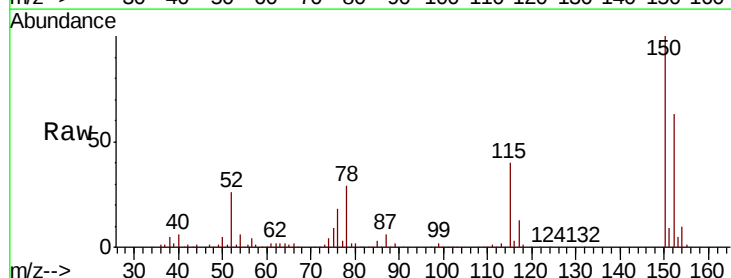
Acq: 26 Jun 2020 11:52

Tgt Ion: 75 Resp: 16484

Ion Ratio Lower Upper

75 100

77 36.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

