

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039120.D
 Acq On : 25 Jun 2020 16:47
 Operator : SY/MD
 Sample : L3110-10DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F25DL

Quant Time: Jun 26 01:02:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 00:59:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	249959	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	249222	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	112732	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85035	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.93	69	73141	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.58	63	129911	3.69	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.68	46	411504	62.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.58%
24) Chloroform-d	5.10	84	186715	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.74	65	120607	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.76	84	352209	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.72	67	119854	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.92	98	265710	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.20	79	48598	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.66	63	314529	60.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	112961	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	111809	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

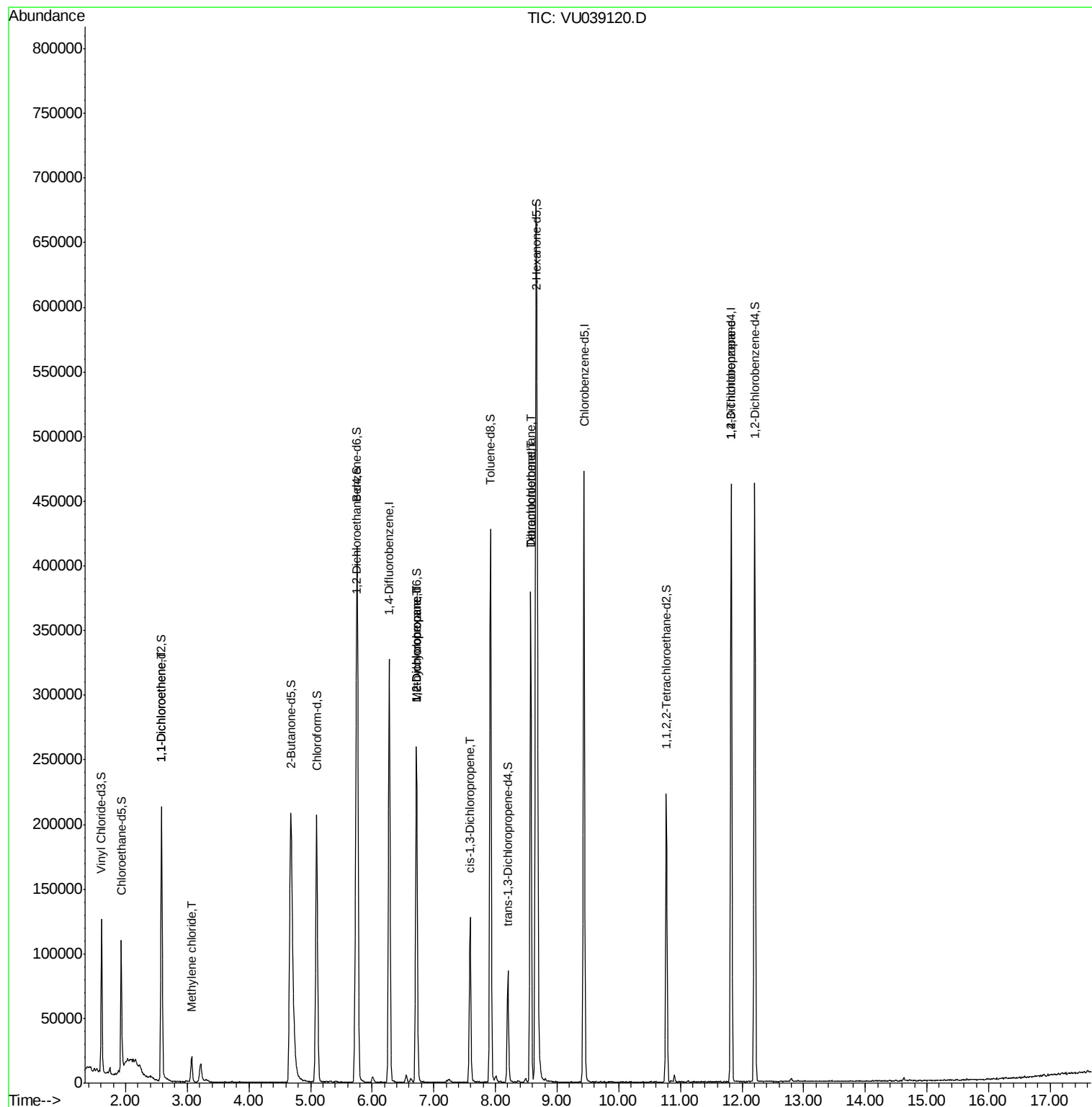
					Ovalue
12) 1,1-Dichloroethene	2.58	96	1082	0.063 ug/L #	1
16) Methylene chloride	3.07	84	8614	0.403 ug/L	96
35) Methylcyclohexane	6.72	83	28205	1.004 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13824	0.652 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3407	0.116 ug/L #	57
47) Tetrachloroethene	8.57	164	78376	5.741 ug/L	97
49) Dibromochloromethane	8.57	129	76699	4.473 ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	15647	0.978 ug/L	92

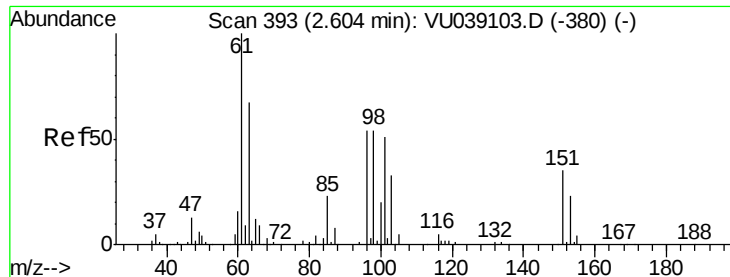
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.063 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.02 min

Lab File: VU039120.D

Acq: 25 Jun 2020 16:47

Instrument :

MSVOA_U

ClientSampleId :

F9F25DL

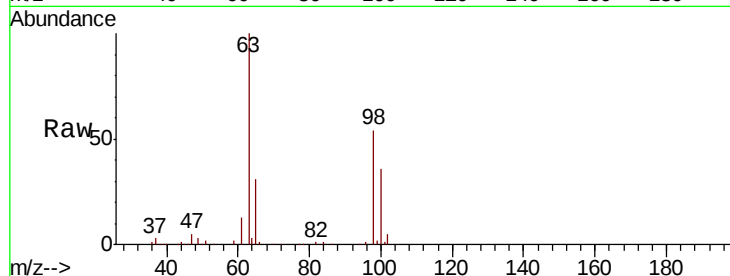
Tot Ion: 96 Resp: 1082

Ion Ratio Lower Upper

96 100

61 1324.8 125.1 232.3#

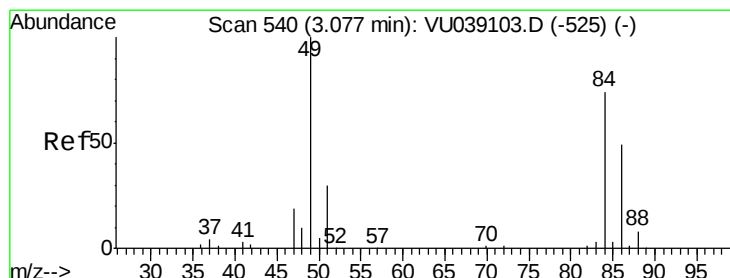
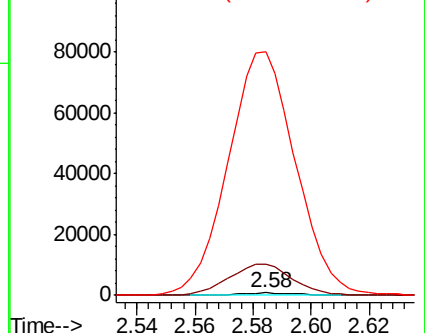
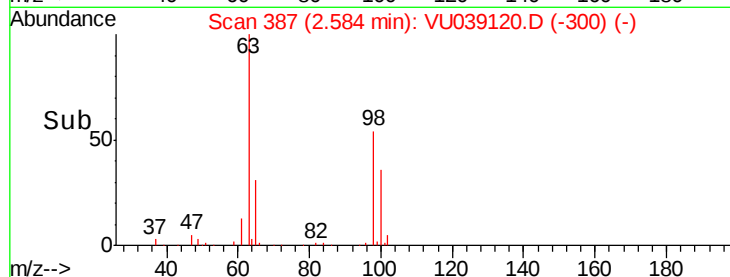
63 10357.6 82.3 152.8#



Abundance Ion 96.00 (95.70 to 96.70): VU039120.D (-300) (-)

Ion 61.05 (60.75 to 61.75): VU039120.D (-300) (-)

Ion 63.00 (62.70 to 63.70): VU039120.D (-300) (-)



#16

Methylene chloride

Concen: 0.403 ug/L

RT: 3.07 min Scan# 538

Delta R.T. -0.01 min

Lab File: VU039120.D

Acq: 25 Jun 2020 16:47

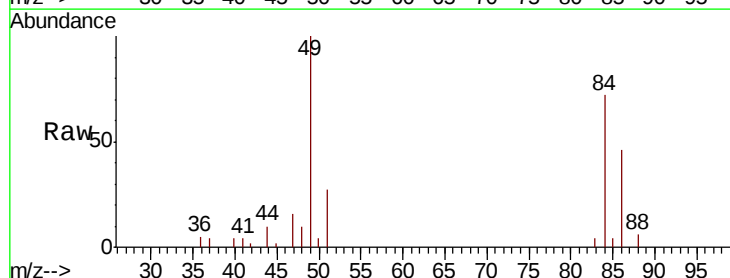
Tgt Ion: 84 Resp: 8614

Ion Ratio Lower Upper

84 100

86 63.9 44.1 81.9

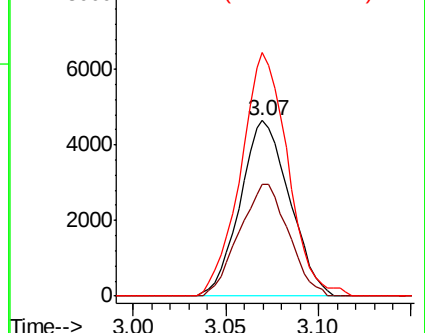
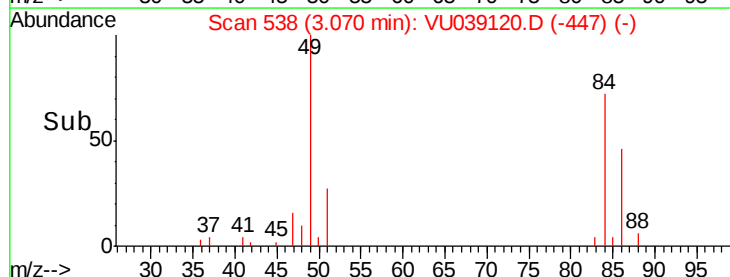
49 139.0 93.1 172.9

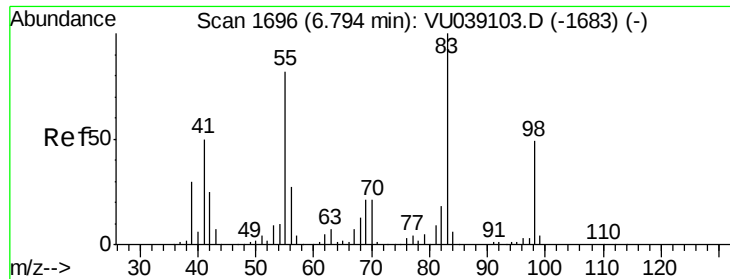


Abundance Ion 84.05 (83.75 to 84.75): VU039120.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU039120.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU039120.D (-447) (-)

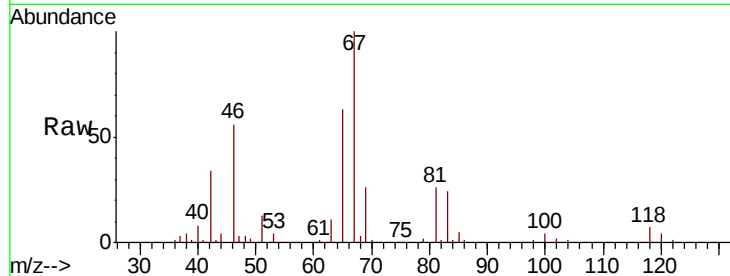




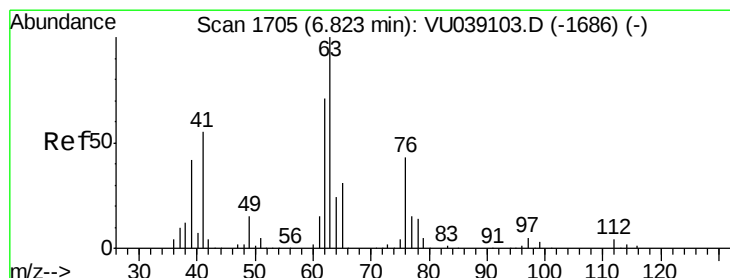
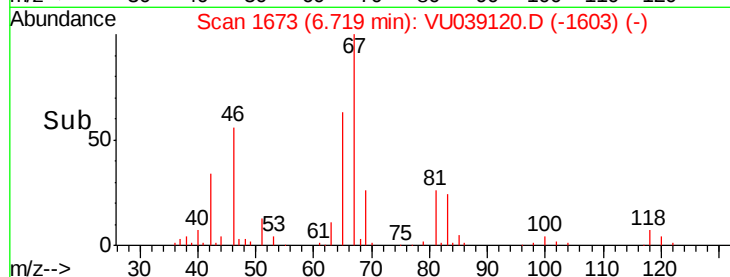
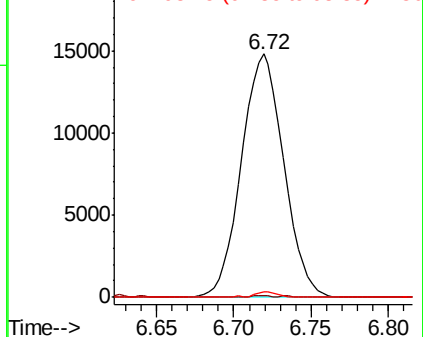
#35
Methvlcvclohexane
Concen: 1.004 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039120.D
Acq: 25 Jun 2020 16:47

Instrument :
MSVOA_U
ClientSampleId :
F9F25DL

Tot Ion: 83 Resp: 28205
Ion Ratio Lower Upper
83 100
55 0.3 65.5 98.3#
98 1.1 36.5 54.7#

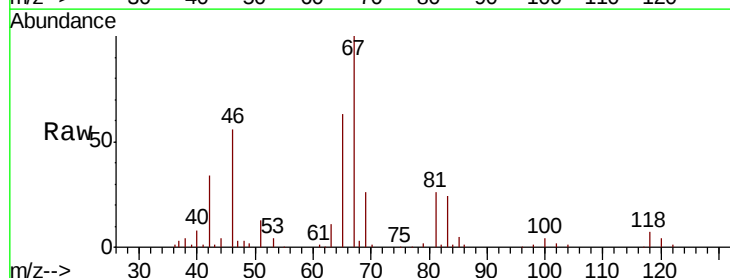


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

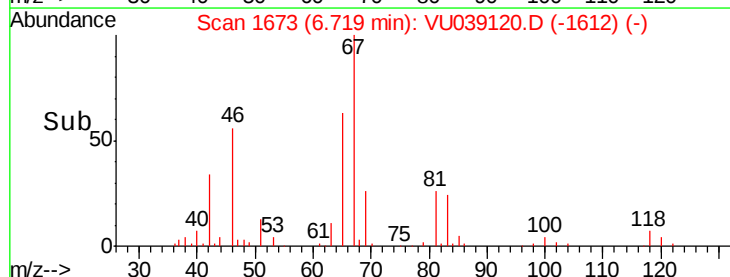
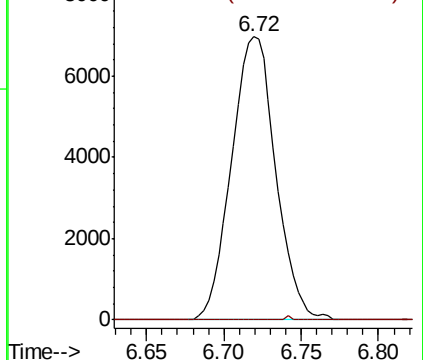


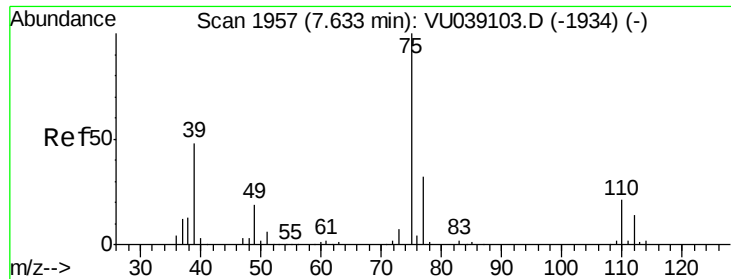
#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039120.D
Acq: 25 Jun 2020 16:47

Tgt Ion: 63 Resp: 13824
Ion Ratio Lower Upper
63 100
112 0.2 3.4 5.2#



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

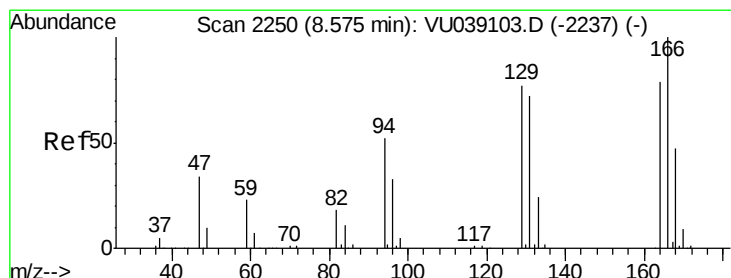
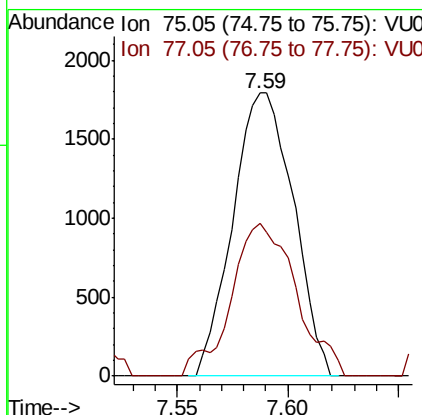
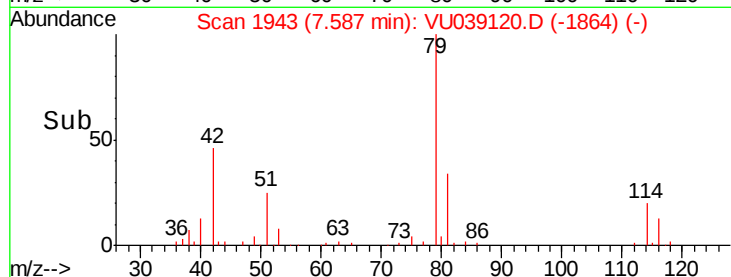
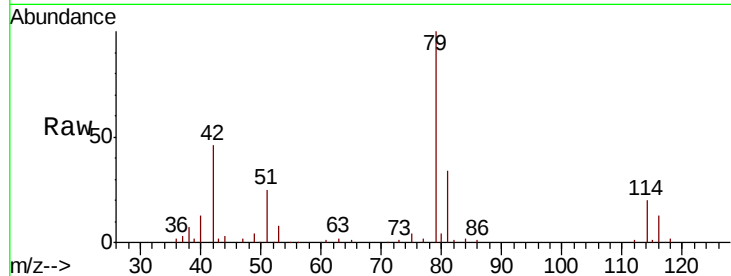




#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU039120.D
 Acq: 25 Jun 2020 16:47

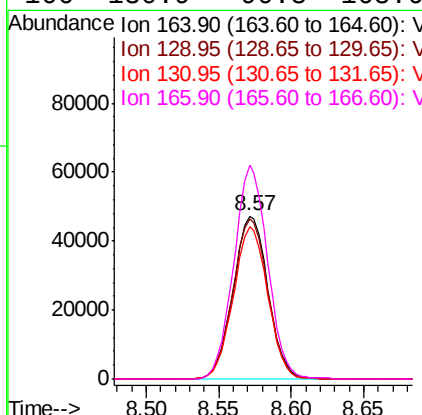
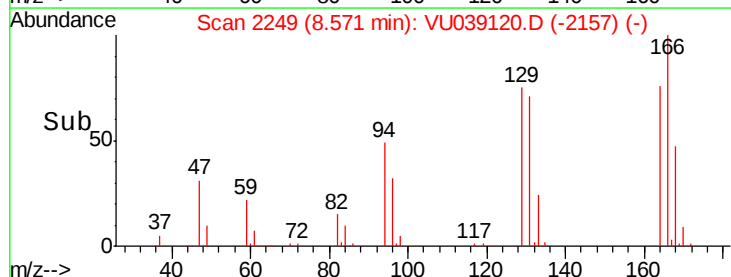
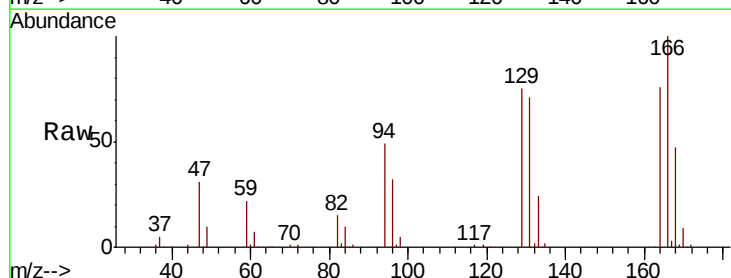
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 ClientSampleId :
 F9F25DL

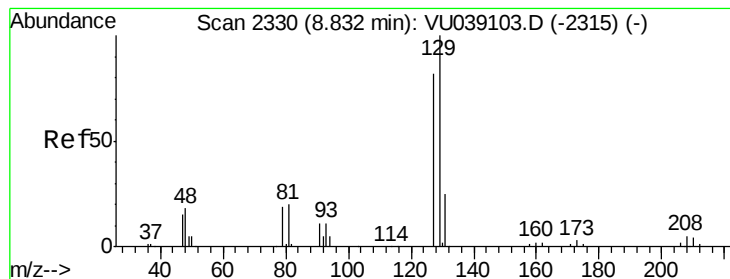
Tot Ion: 75 Resp: 3407
 Ion Ratio Lower Upper
 75 100
 77 54.1 21.6 40.0#



#47
 Tetrachloroethene
 Concen: 5.741 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: VU039120.D
 Acq: 25 Jun 2020 16:47

Tgt Ion:164 Resp: 78376
 Ion Ratio Lower Upper
 164 100
 129 98.1 71.3 132.5
 131 93.5 68.3 126.8
 166 130.9 90.8 168.6





#49

Dibromochloromethane

Concen: 4.473 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU039120.D

Acq: 25 Jun 2020 16:47

Instrument :

MSVOA_U

ClientSampled :

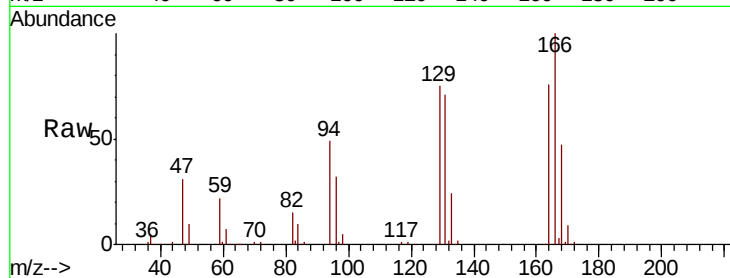
F9F25DL

Tot Ion:129 Resp: 76699

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

8.57

50000

40000

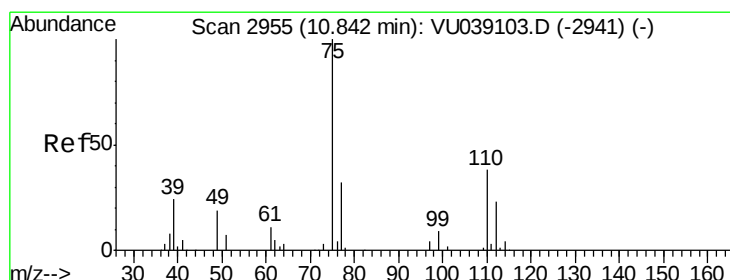
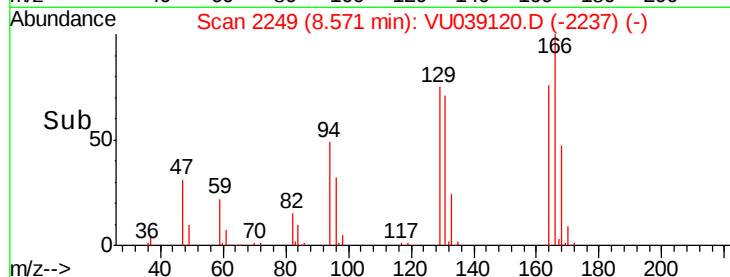
30000

20000

10000

0

Time--> 8.50 8.55 8.60



#59

1,2,3-Trichloropropane

Concen: 0.978 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU039120.D

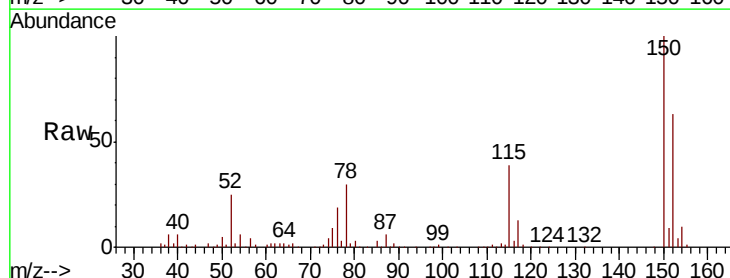
Acq: 25 Jun 2020 16:47

Tgt Ion: 75 Resp: 15647

Ion Ratio Lower Upper

75 100

77 37.3 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

12000

10000

8000

6000

4000

2000

0

Time--> 11.80 11.85

