

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062620\
 Data File : VU039160.D
 Acq On : 26 Jun 2020 13:20
 Operator : SY/MD
 Sample : L3121-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F30

Quant Time: Jun 26 23:55:06 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	232091	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	239244	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	99165	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	69661	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.93	69	71133	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.59	63	104395	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.68	46	380197	61.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.96%
24) Chloroform-d	5.10	84	177635	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.74	65	113486	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.76	84	326105	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.72	67	113786	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.92	98	245471	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.20	79	43682	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.66	63	279521	55.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	102441	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	104779	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

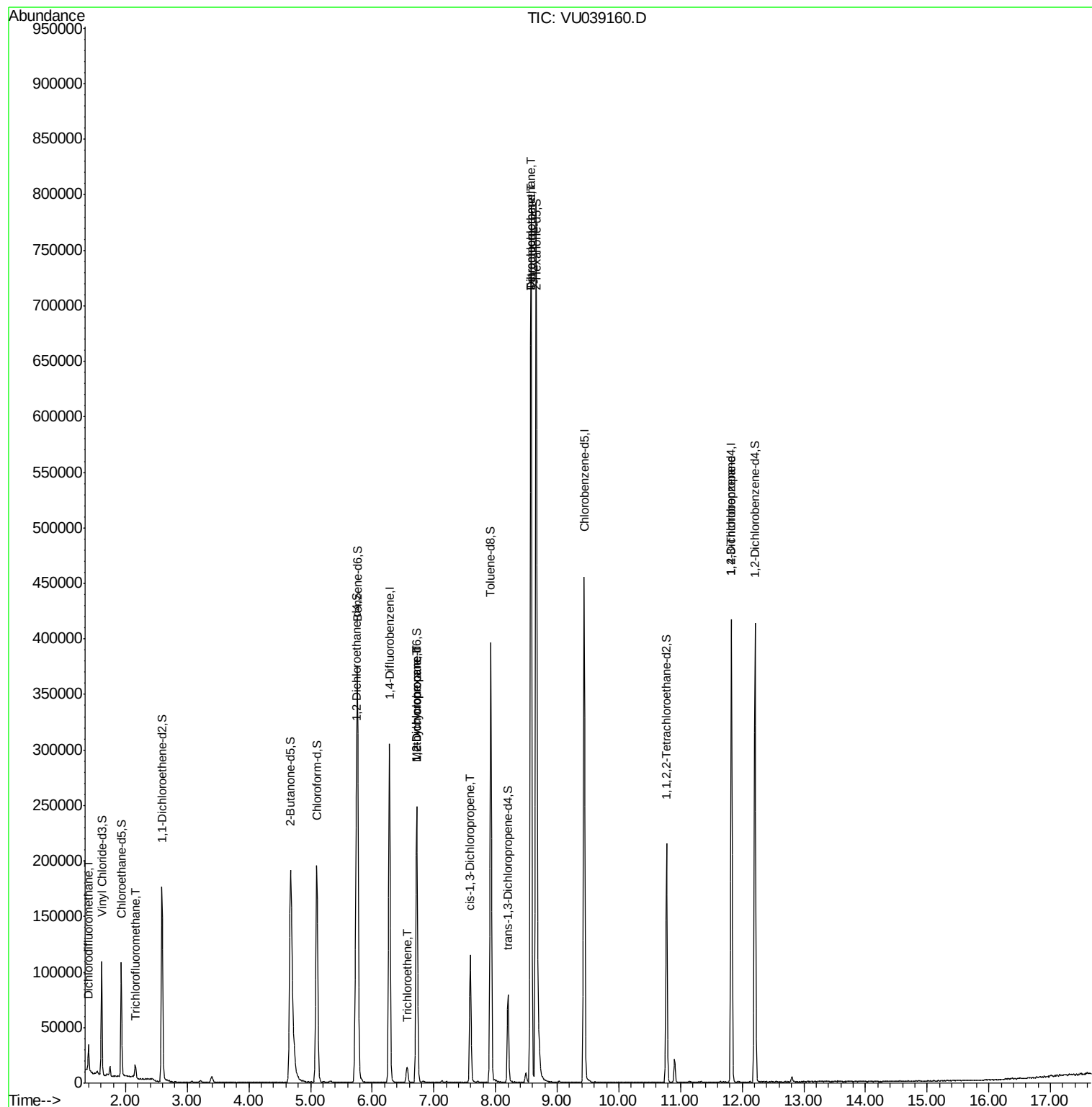
					Ovalue
2) Dichlorodifluoromethane	1.40	85	10142	0.488 ug/L	97
9) Trichlorofluoromethane	2.16	101	5668	0.196 ug/L	98
34) Trichloroethene	6.57	95	3227	0.177 ug/L	78
35) Methylcyclohexane	6.72	83	27731	1.028 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12836	0.630 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2915	0.103 ug/L #	67
47) Tetrachloroethene	8.57	164	163768	12.497 ug/L	98
49) Dibromochloromethane	8.57	129	158018	9.601 ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	13354	0.870 ug/L	93

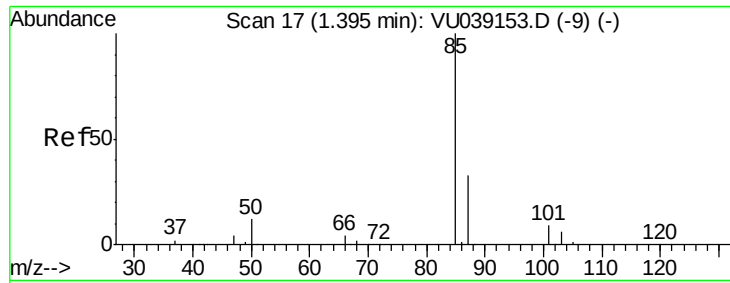
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.488 ug/L

RT: 1.40 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU039160.D

Acq: 26 Jun 2020 13:20

Instrument :

MSVOA_U

ClientSampleId :

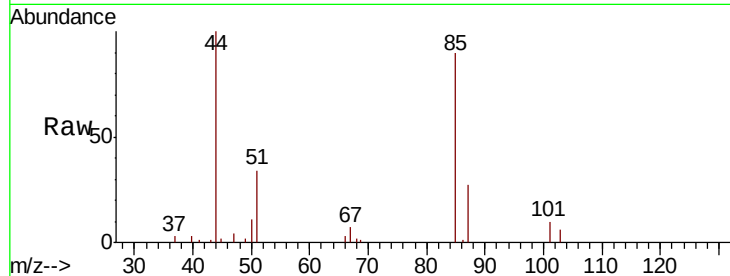
F9F30

Tot Ion: 85 Resp: 10142

Ion Ratio Lower Upper

85 100

87 30.3 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VU039153.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VU039153.D (-9) (-)

12000

10000

8000

6000

4000

2000

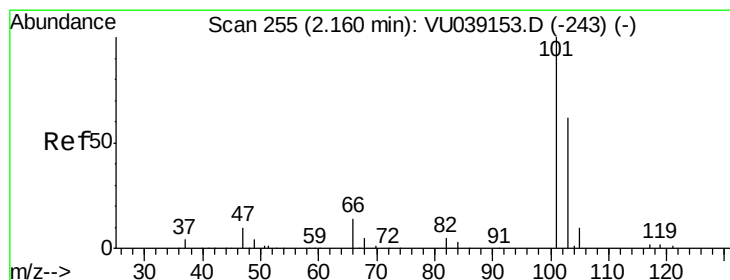
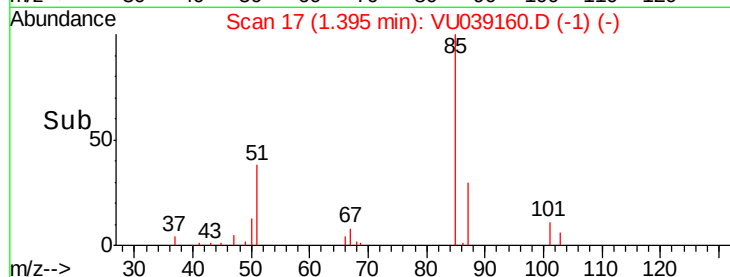
0

1.35

1.40

1.45

Time-->



#9

Trichlorofluoromethane

Concen: 0.196 ug/L

RT: 2.16 min Scan# 254

Delta R.T. -0.00 min

Lab File: VU039160.D

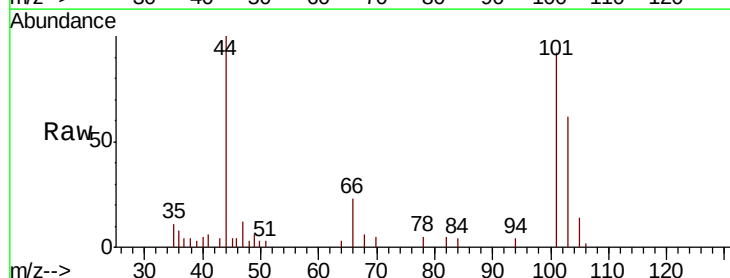
Acq: 26 Jun 2020 13:20

Tgt Ion: 101 Resp: 5668

Ion Ratio Lower Upper

101 100

103 62.5 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): VU039153.D (-243) (-)

Ion 103.00 (102.70 to 103.70): VU039153.D (-243) (-)

4000

3000

2000

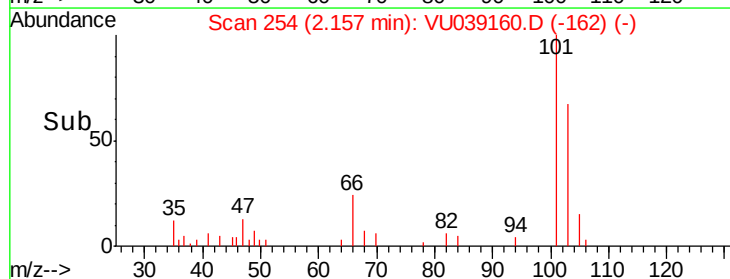
1000

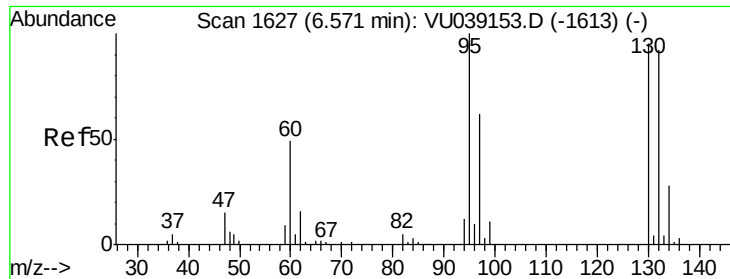
0

2.15

2.20

Time-->

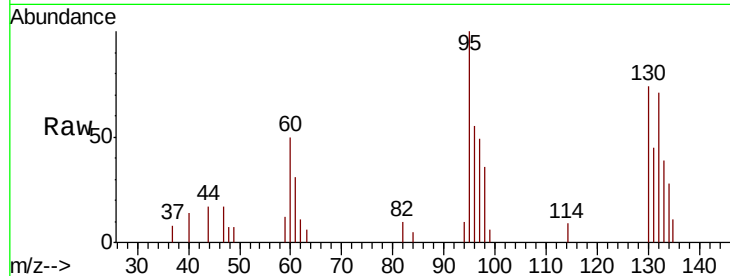




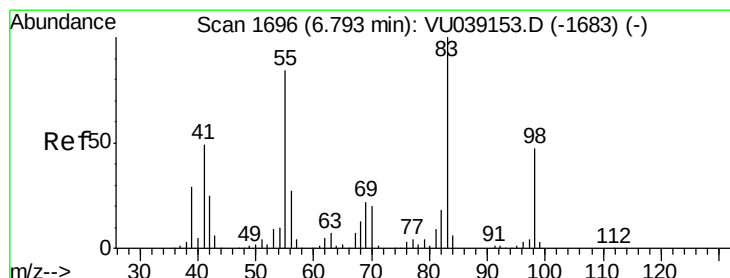
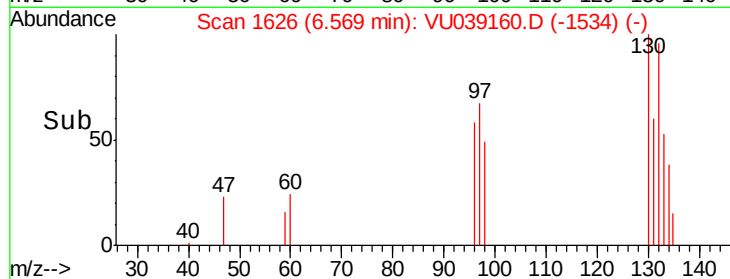
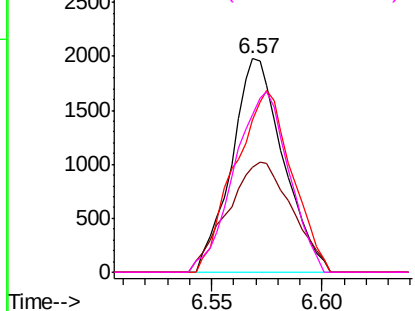
#34
 Trichloroethene
 Concen: 0.177 ug/L
 RT: 6.57 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: VU039160.D
 Acq: 26 Jun 2020 13:20

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F30

Tot Ion: 95 Resp: 3227
 Ion Ratio Lower Upper
 95 100
 97 49.2 45.1 83.7
 132 71.4 65.1 120.9
 130 74.0 68.6 127.4

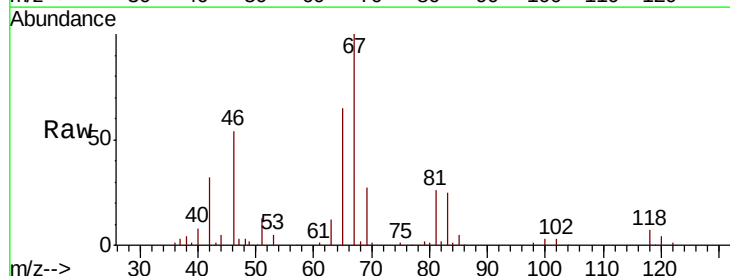


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

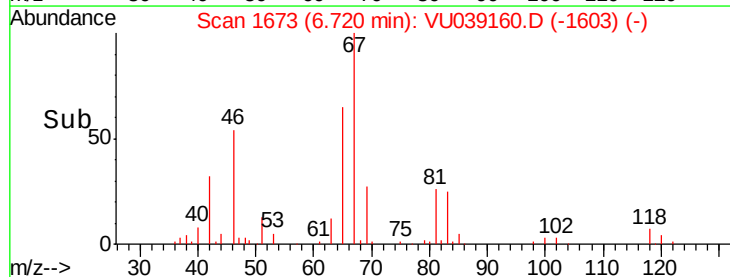
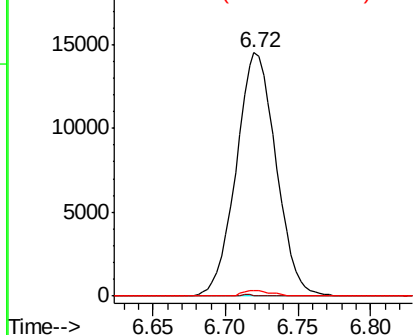


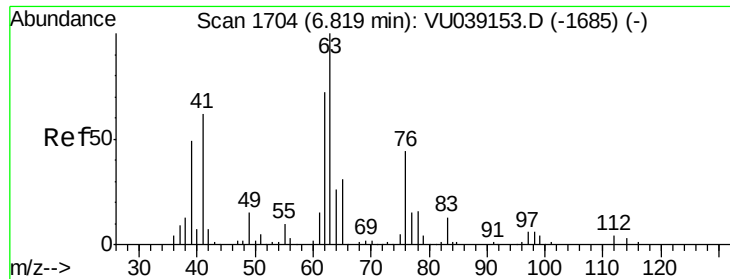
#35
 Methylcyclohexane
 Concen: 1.028 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.07 min
 Lab File: VU039160.D
 Acq: 26 Jun 2020 13:20

Tgt Ion: 83 Resp: 27731
 Ion Ratio Lower Upper
 83 100
 55 0.2 65.5 98.3#
 98 1.6 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

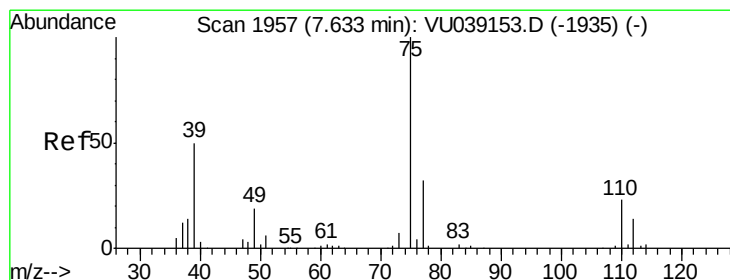
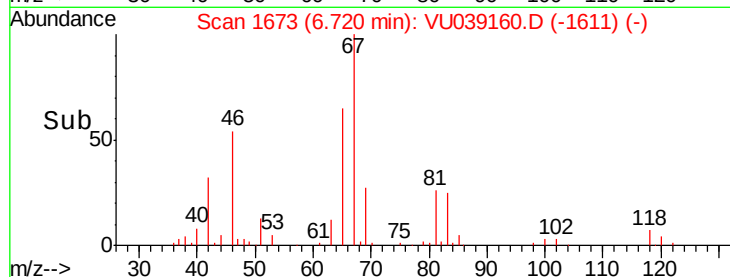
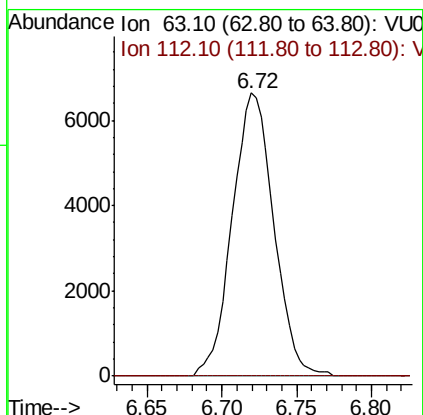
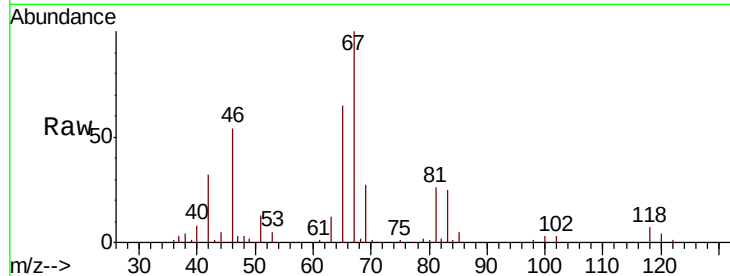




#37
 1,2-Dichloropropane
 Concen: 0.630 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039160.D
 Acq: 26 Jun 2020 13:20

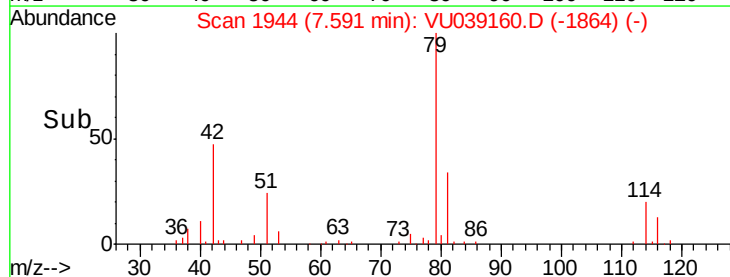
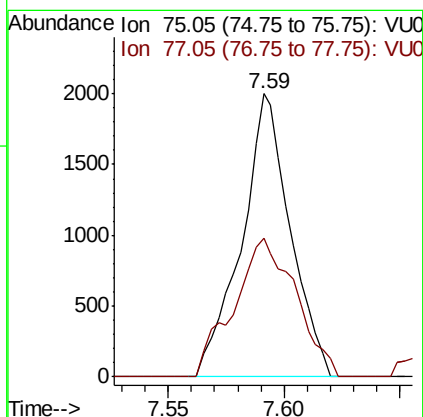
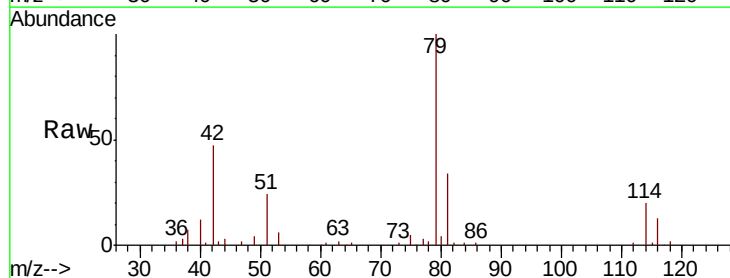
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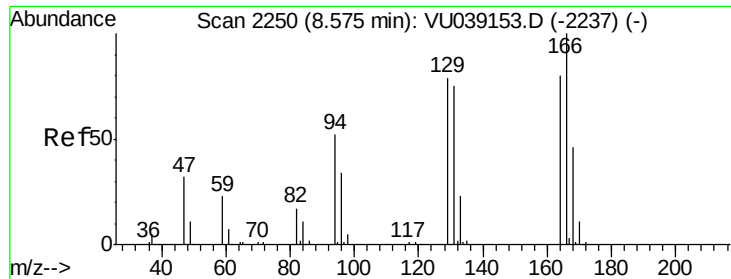
Tot Ion: 63 Resp: 12836
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039160.D
 Acq: 26 Jun 2020 13:20

Tgt Ion: 75 Resp: 2915
 Ion Ratio Lower Upper
 75 100
 77 48.8 21.6 40.0#

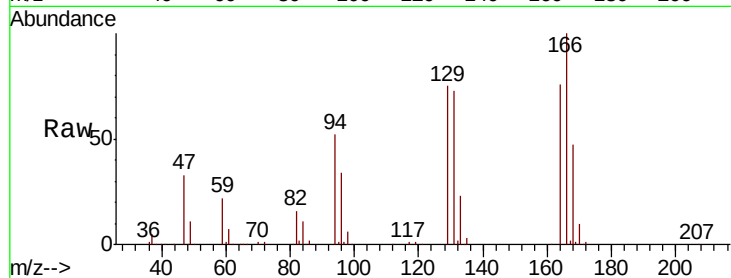




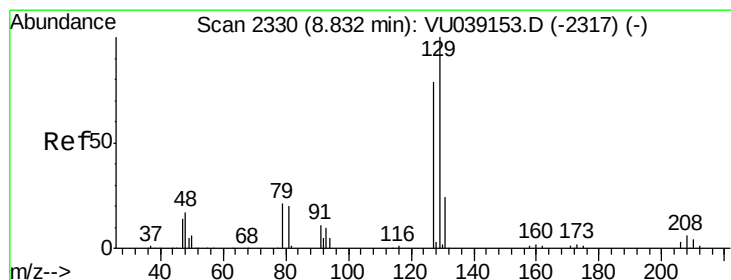
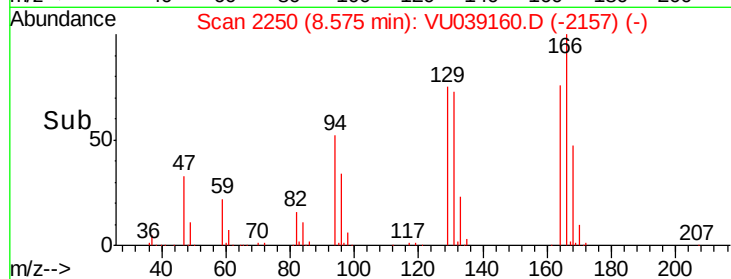
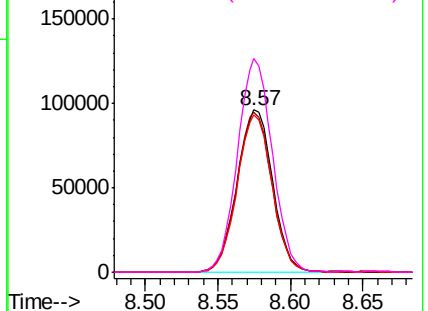
#47
Tetrachloroethene
Concen: 12.497 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. 0.00 min
Lab File: VU039160.D
Acq: 26 Jun 2020 13:20

Instrument :
MSVOA_U
ClientSampled :
F9F30

Tot Ion:164 Resp: 163768
Ion Ratio Lower Upper
164 100
129 98.7 71.3 132.5
131 96.5 68.3 126.8
166 131.4 90.8 168.6

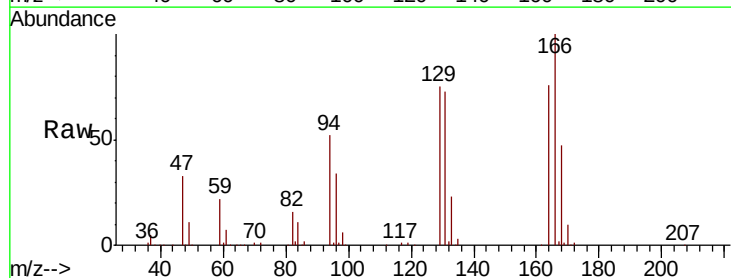


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

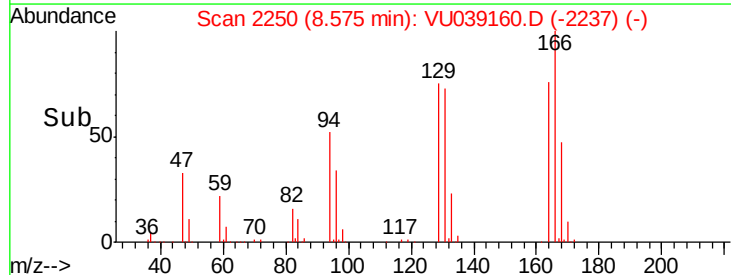
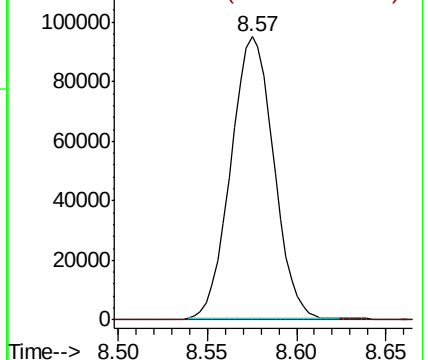


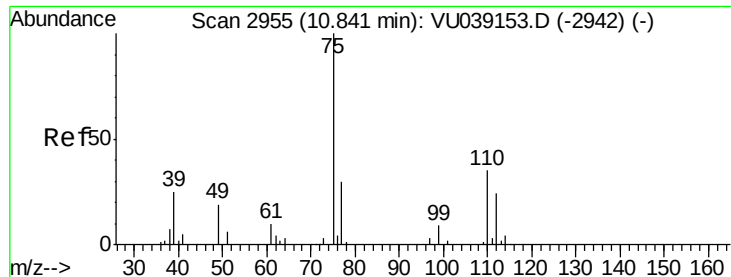
#49
Dibromochloromethane
Concen: 9.601 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU039160.D
Acq: 26 Jun 2020 13:20

Tgt Ion:129 Resp: 158018
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: 0.870 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU039160.D

Acq: 26 Jun 2020 13:20

Instrument :

MSVOA_U

ClientSampleId :

F9F30

Tot Ion: 75 Resp: 13354

Ion Ratio Lower Upper

75 100

77 36.8 26.2 39.2

