

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039131.D
 Acq On : 25 Jun 2020 22:46
 Operator : SY/MD
 Sample : L3121-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F00

Quant Time: Jun 26 04:22:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 04:20:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	247833	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	248842	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	102878	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	72836	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.93	69	72826	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.59	63	112080	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.67	46	402057	61.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.76%
24) Chloroform-d	5.10	84	180748	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.74	65	115591	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.76	84	335328	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.72	67	118716	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.92	98	256593	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.20	79	47579	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.65	63	317101	60.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.94%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	110481	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	102399	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

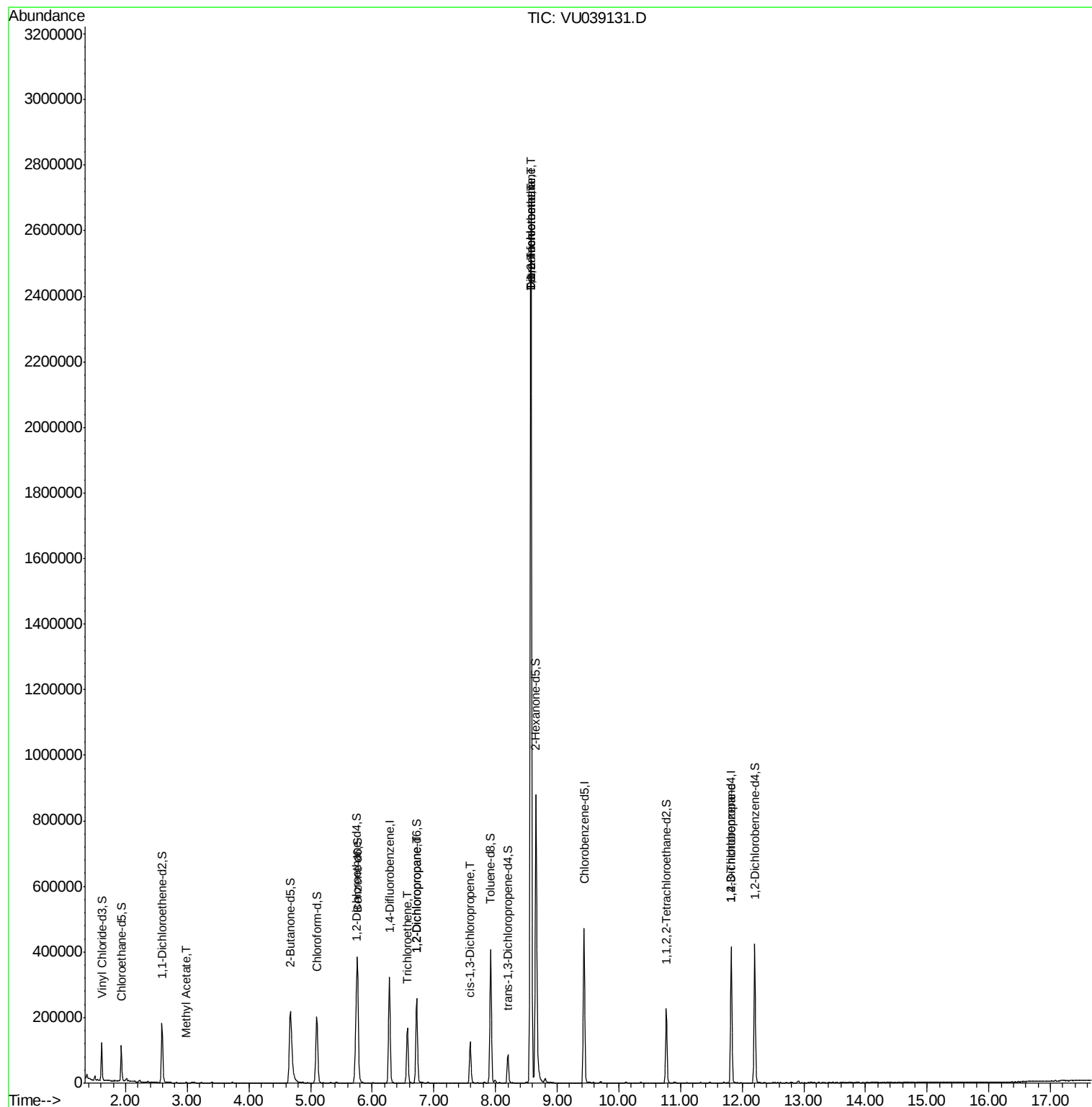
					Ovalue
15) Methyl Acetate	2.99	43	1911	0.181 ug/L #	57
34) Trichloroethene	6.57	95	54147	2.863 ug/L	97
37) 1,2-Dichloropropane	6.72	63	13273	0.627 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3399	0.116 ug/L #	62
45) 1,1,2-Trichloroethane	8.57	97	5581	0.355 ug/L #	4
47) Tetrachloroethene	8.57	164	551768	40.481 ug/L	98
49) Dibromochloromethane	8.57	129	544268	31.793 ug/L #	10
59) 1,2,3-Trichloropropane	11.82	75	13774	0.862 ug/L	89

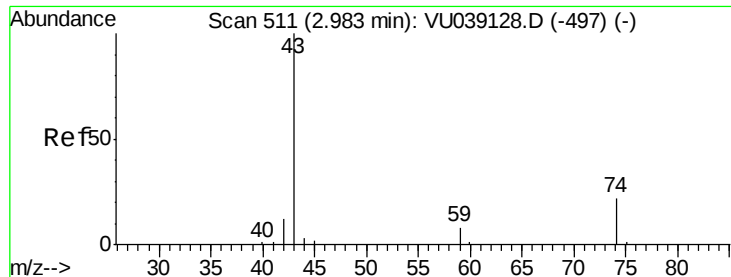
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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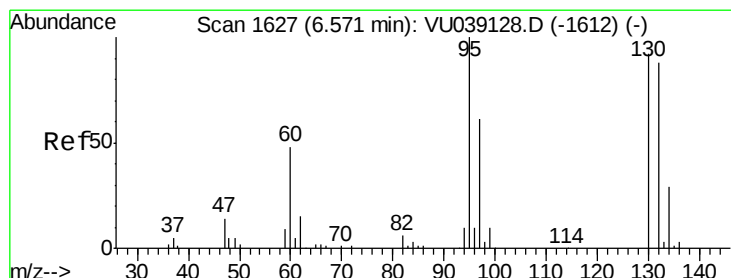
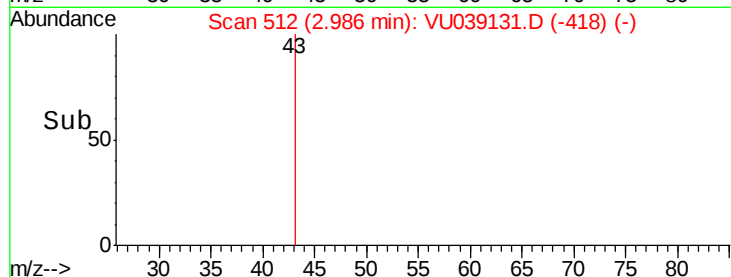
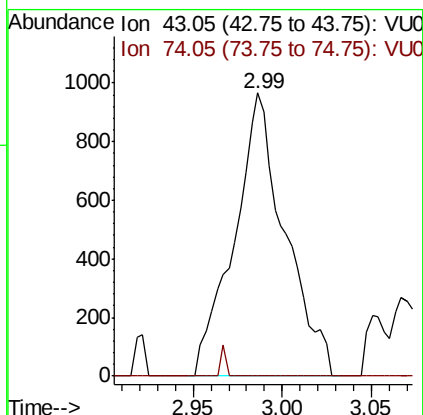
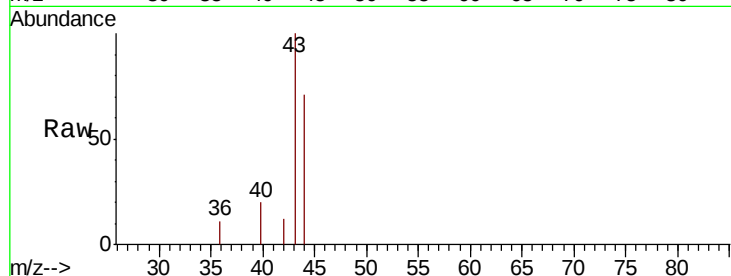




#15
Methvl Acetate
Concen: 0.181 ug/L
RT: 2.99 min Scan# 512
Delta R.T. 0.00 min
Lab File: VU039131.D
Acq: 25 Jun 2020 22:46

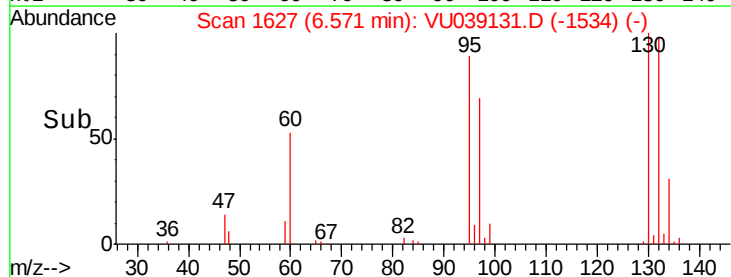
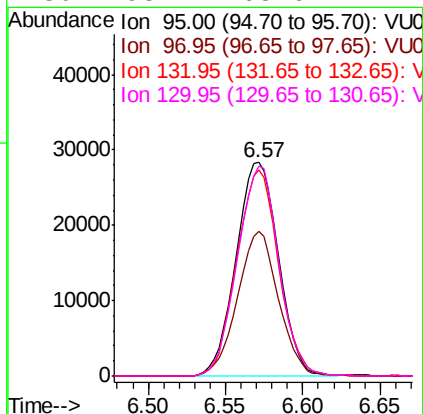
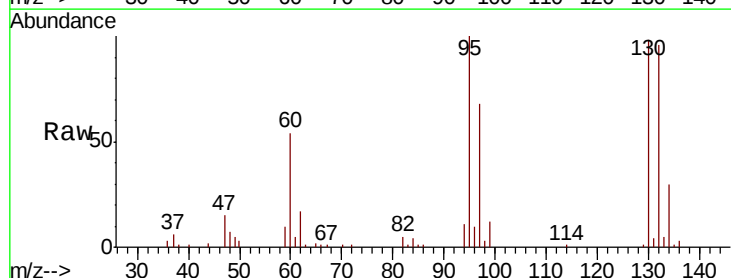
Instrument :
MSVOA_U
ClientSampled :
F9F00

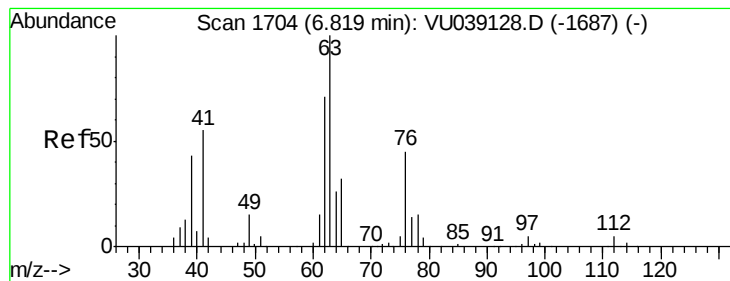
Tot Ion: 43 Resp: 1911
Ion Ratio Lower Upper
43 100
74 1.0 17.0 25.4#



#34
Trichloroethene
Concen: 2.863 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU039131.D
Acq: 25 Jun 2020 22:46

Tgt Ion: 95 Resp: 54147
Ion Ratio Lower Upper
95 100
97 67.9 45.1 83.7
132 96.4 65.1 120.9
130 98.4 68.6 127.4





#37

1,2-Dichloropropane

Concen: 0.627 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU039131.D

Acq: 25 Jun 2020 22:46

Instrument :

MSVOA_U

ClientSampleId :

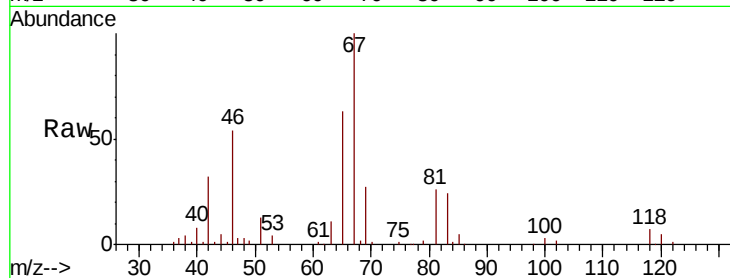
F9F00

Tot Ion: 63 Resp: 13273

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039128.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU039128.D (-1687) (-)

6.72

8000

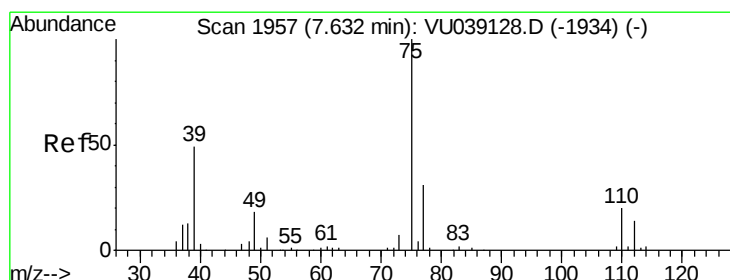
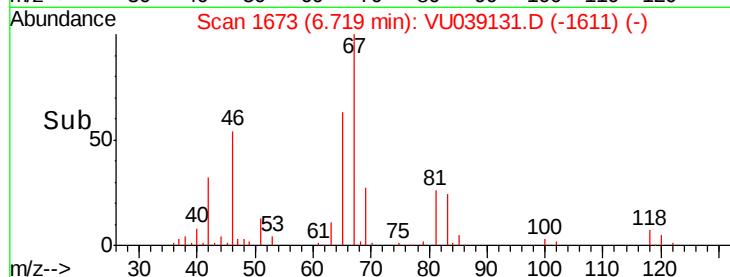
6000

4000

2000

0

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.05 min

Lab File: VU039131.D

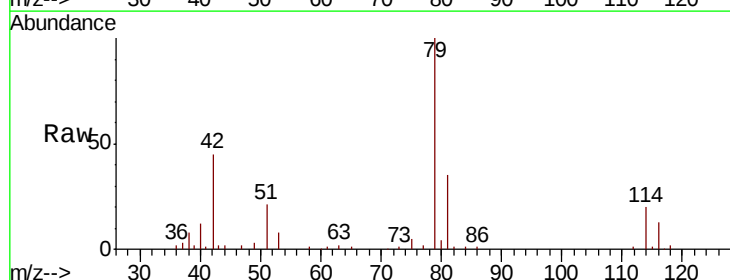
Acq: 25 Jun 2020 22:46

Tgt Ion: 75 Resp: 3399

Ion Ratio Lower Upper

75 100

77 51.9 21.6 40.0#



Abundance Ion 75.05 (74.75 to 75.75): VU039128.D (-1934) (-)

Ion 77.05 (76.75 to 77.75): VU039128.D (-1934) (-)

7.59

2000

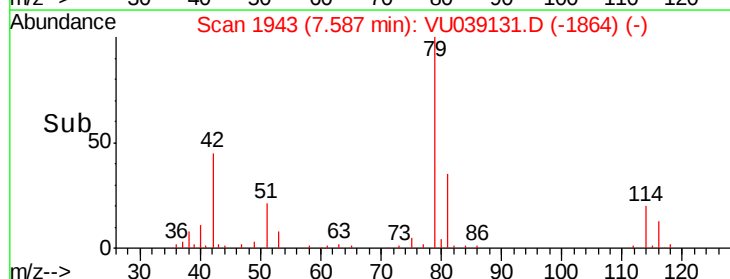
1500

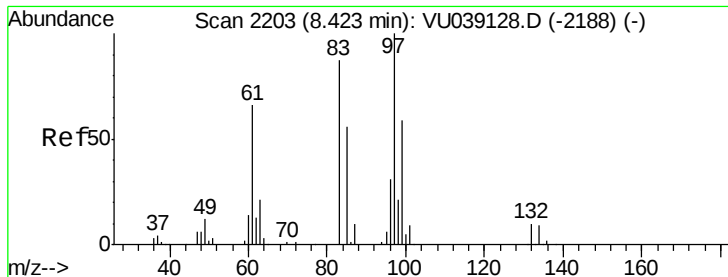
1000

500

0

Time-->





#45

1,1,2-Trichloroethane

Concen: 0.355 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.15 min

Lab File: VU039131.D

Acq: 25 Jun 2020 22:46

Instrument :

MSVOA_U

ClientSampleId :

F9F00

Tot Ion: 97 Resp: 5581

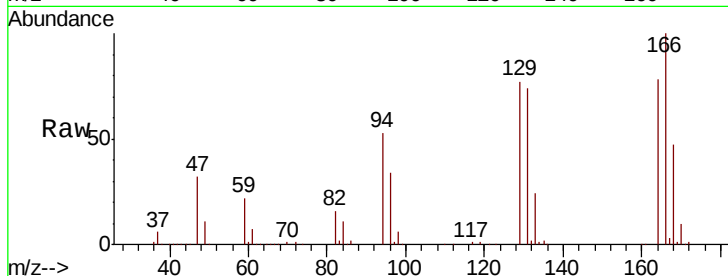
Ion Ratio Lower Upper

97 100

99 14.7 45.4 84.4#

83 248.7 64.4 119.6#

85 39.6 41.7 77.5#

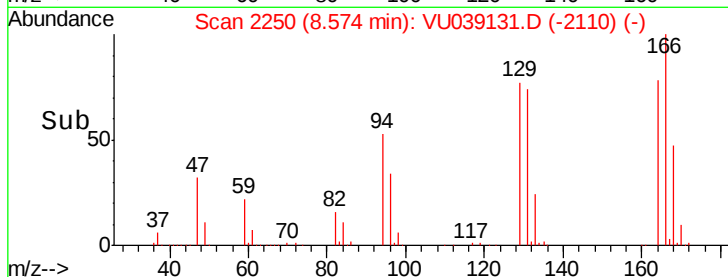
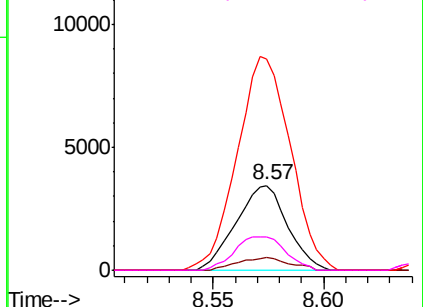


Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0



#47

Tetrachloroethene

Concen: 40.481 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU039131.D

Acq: 25 Jun 2020 22:46

Tgt Ion:164 Resp: 551768

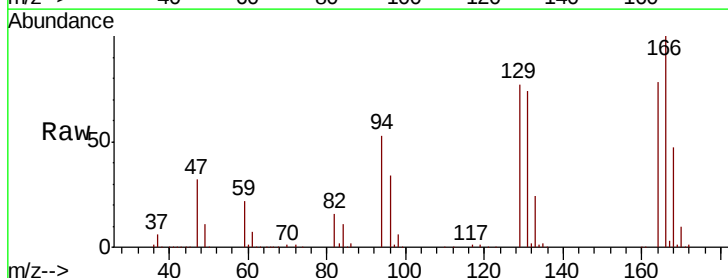
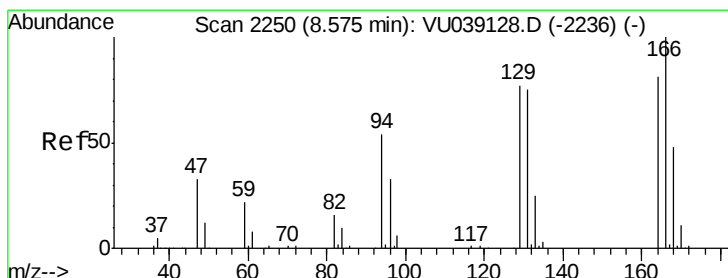
Ion Ratio Lower Upper

164 100

129 99.0 71.3 132.5

131 95.1 68.3 126.8

166 128.8 90.8 168.6

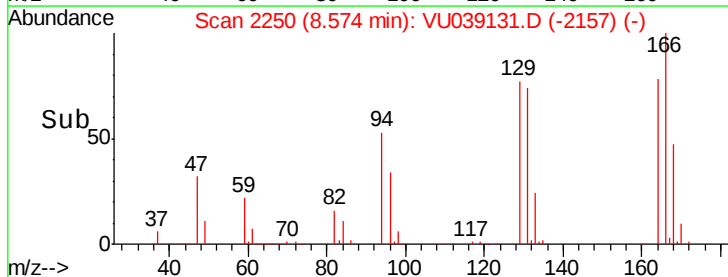
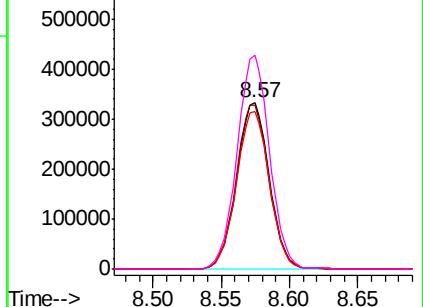


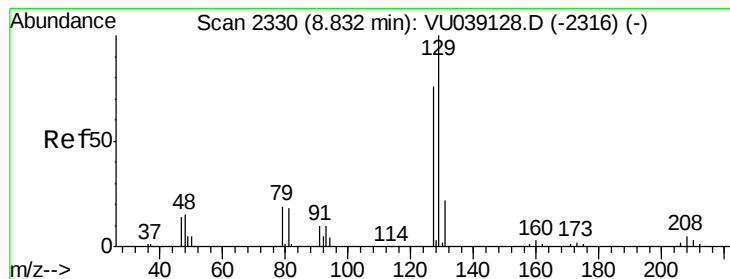
Abundance Ion 163.90 (163.60 to 164.60): V

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: 31.793 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU039131.D

Acq: 25 Jun 2020 22:46

Instrument :

MSVOA_U

ClientSampled :

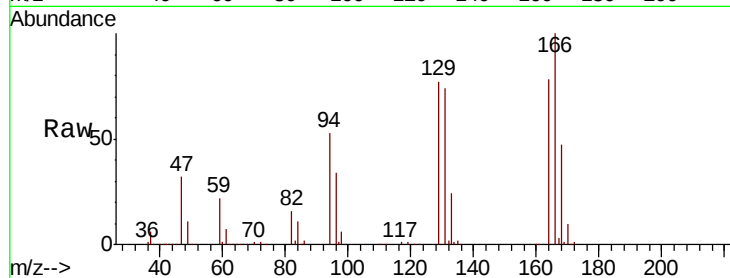
F9F00

Tot Ion:129 Resp: 544268

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

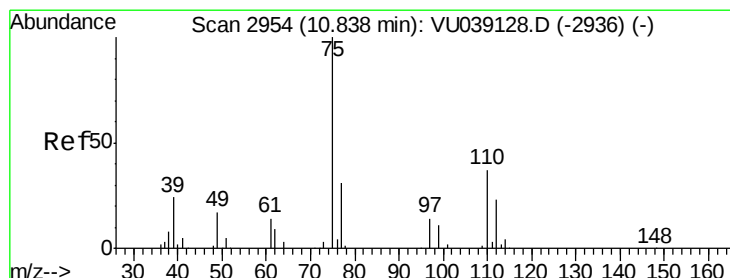
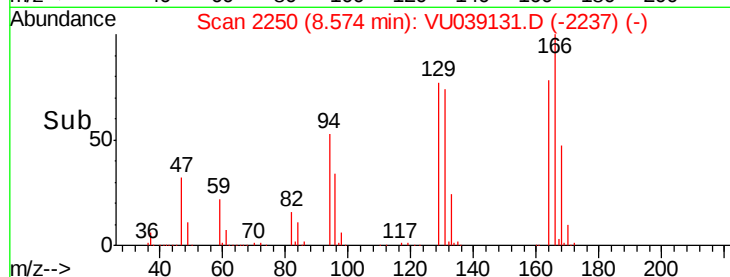
300000

200000

100000

0

Time--> 8.50 8.55 8.60 8.65



#59

1,2,3-Trichloropropane

Concen: 0.862 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039131.D

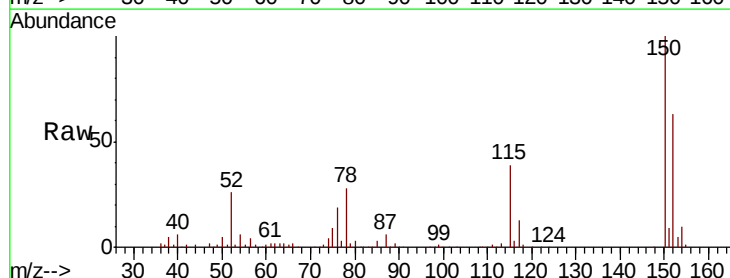
Acq: 25 Jun 2020 22:46

Tgt Ion: 75 Resp: 13774

Ion Ratio Lower Upper

75 100

77 39.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.82

10000

8000

6000

4000

2000

0

Time--> 11.75 11.80 11.85

