

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120420\
 Data File : VU041470.D
 Acq On : 04 Dec 2020 15:01
 Operator : SY/MD
 Sample : VIBLK05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK05

Quant Time: Dec 05 05:26:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 05 05:22:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	53101	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	51420	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25692	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	12808	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.92	69	12202	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.58	63	23938	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.65	46	53172	51.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.98%
24) Chloroform-d	5.08	84	37294	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.72	65	25722	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.74	84	57816	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.70	67	16295	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.91	98	52279	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.19	79	9414	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.64	63	40191	48.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.32%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	17603	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	23692	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

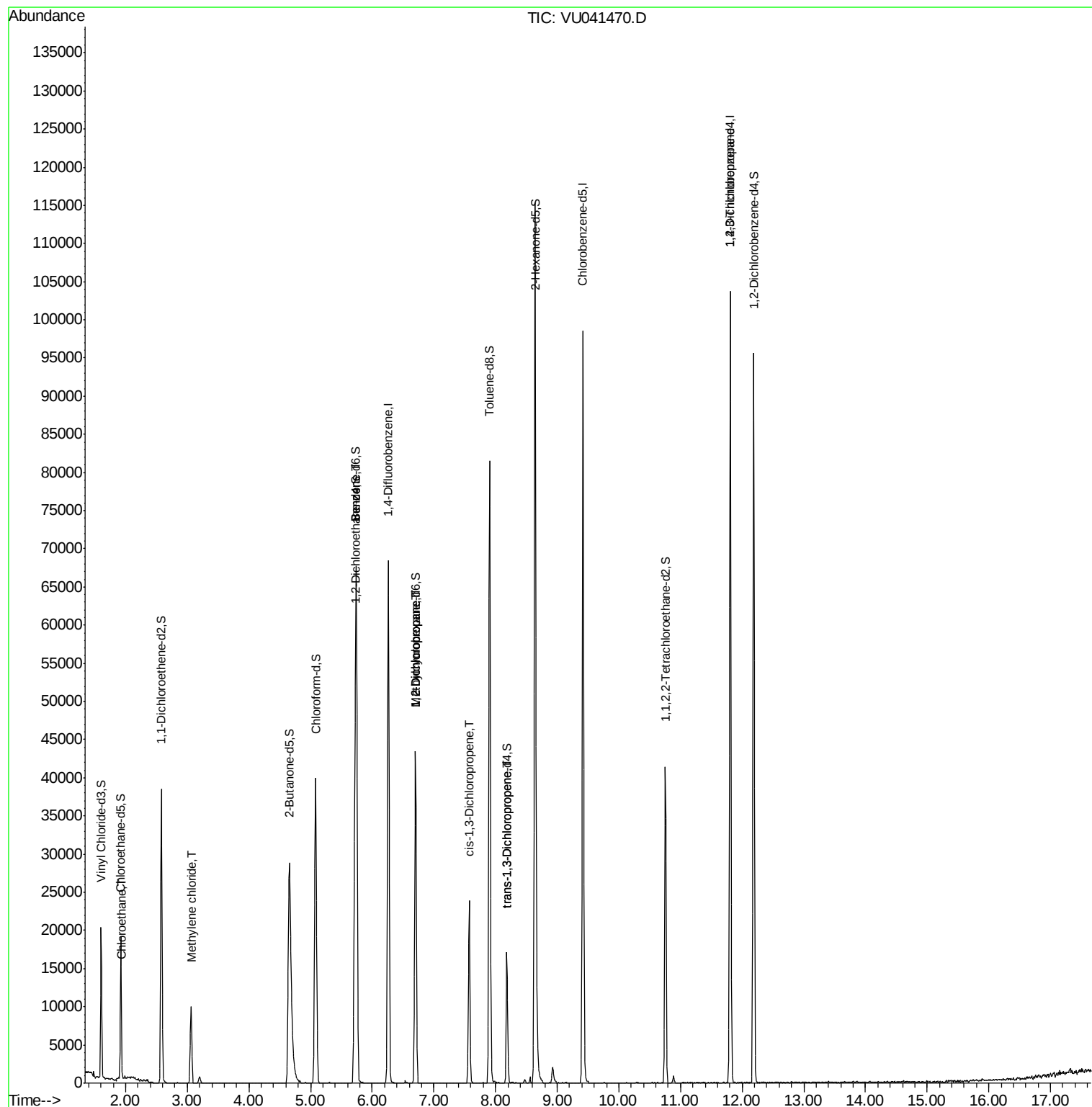
					Ovalue
8) Chloroethane	1.94	64	100	0.042 ug/L #	45
16) Methylene chloride	3.06	84	4739	1.142 ug/L	99
33) Benzene	5.74	78	468	0.037 ug/L	100
35) Methylcyclohexane	6.70	83	4981	0.951 ug/L #	17
37) 1,2-Dichloropropane	6.70	63	2538	0.851 ug/L #	84
39) cis-1,3-Dichloropropene	7.57	75	682	0.127 ug/L	96
44) trans-1,3-Dichloropropene	8.18	75	525	0.098 ug/L #	42
59) 1,2,3-Trichloropropane	11.81	75	2643	0.913 ug/L #	79

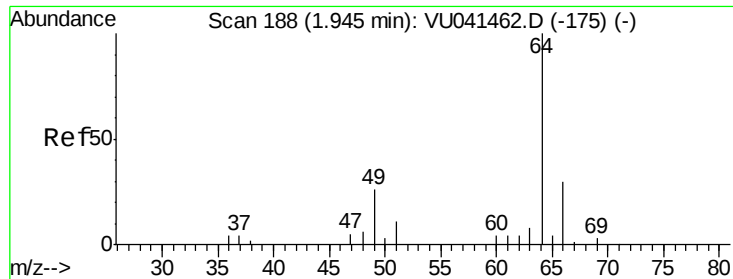
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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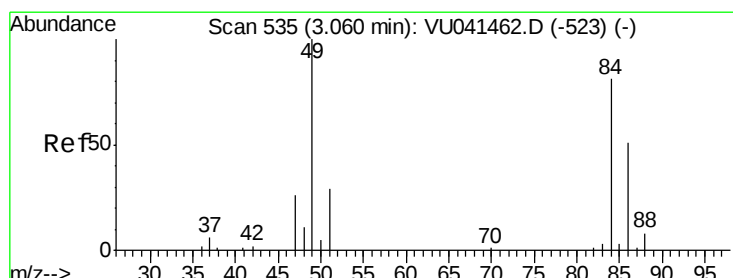
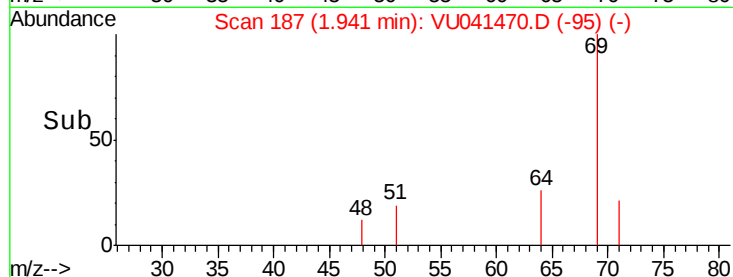
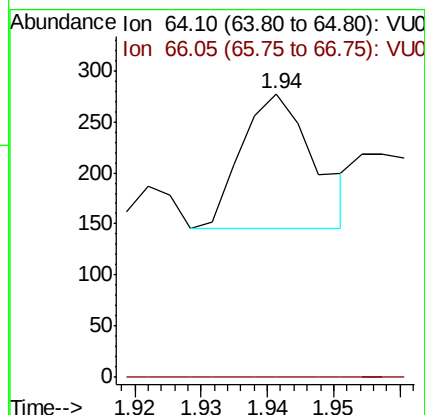
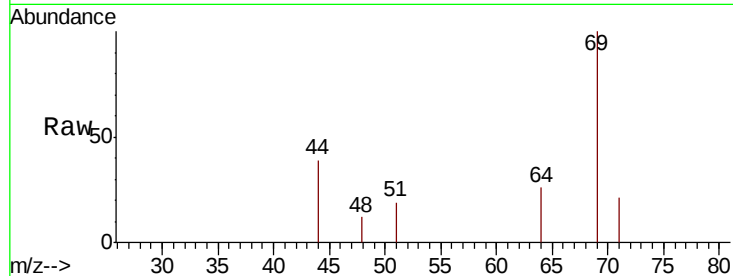




#8
Chloroethane
Concen: 0.042 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU041470.D
Acq: 04 Dec 2020 15:01

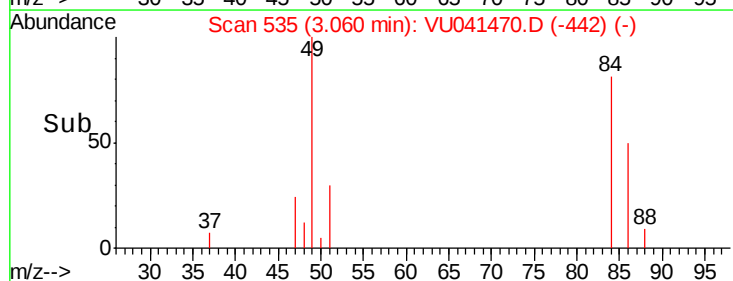
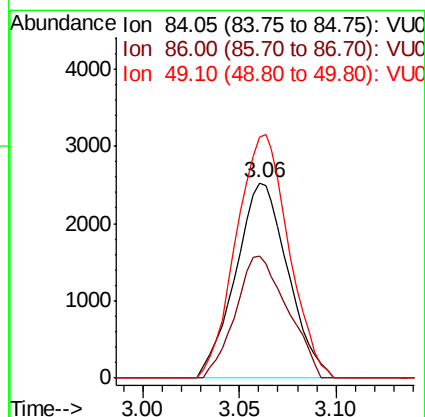
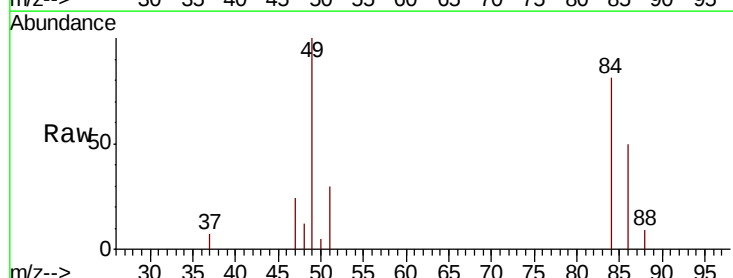
Instrument :
MSVOA_U
ClientSampleId :
VIBLK05

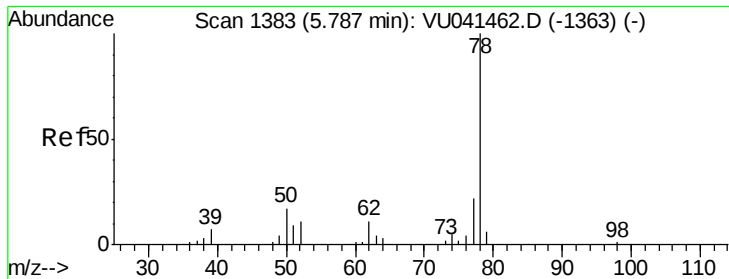
Tot Ion: 64 Resp: 100
Ion Ratio Lower Upper
64 100
66 0.0 20.9 38.9#



#16
Methylene chloride
Concen: 1.142 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU041470.D
Acq: 04 Dec 2020 15:01

Tgt Ion: 84 Resp: 4739
Ion Ratio Lower Upper
84 100
86 62.4 44.1 81.9
49 123.6 86.1 159.9





#33

Benzene

Concen: 0.037 ug/L

RT: 5.74 min Scan# 1368

Delta R.T. -0.05 min

Lab File: VU041470.D

Acq: 04 Dec 2020 15:01

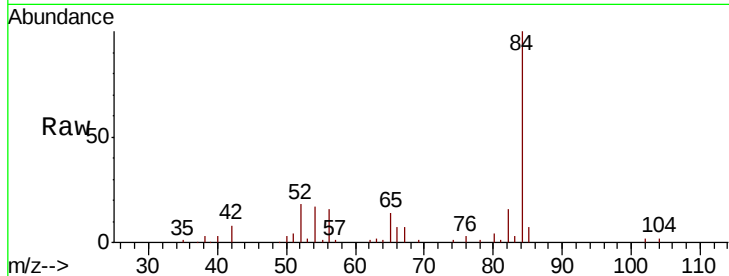
Instrument :

MSVOA_U

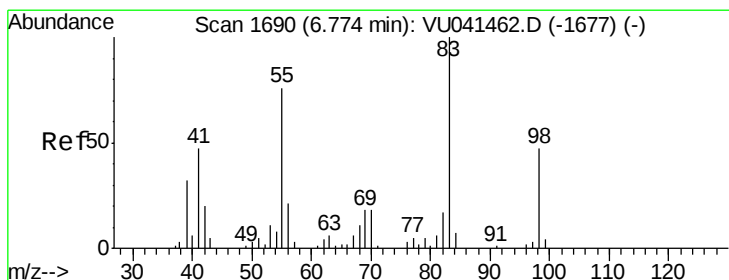
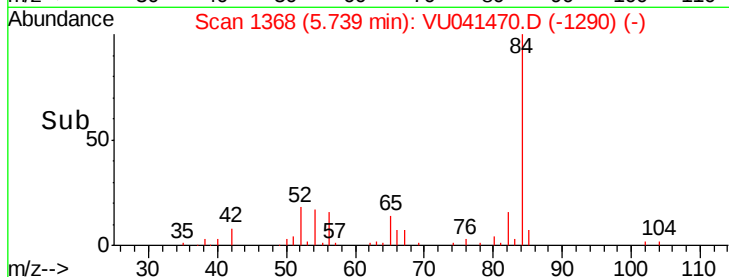
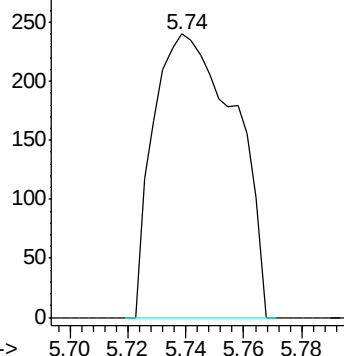
ClientSampleId :

VIBLK05

Tgt Ion: 78 Resp: 468



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.951 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041470.D

Acq: 04 Dec 2020 15:01

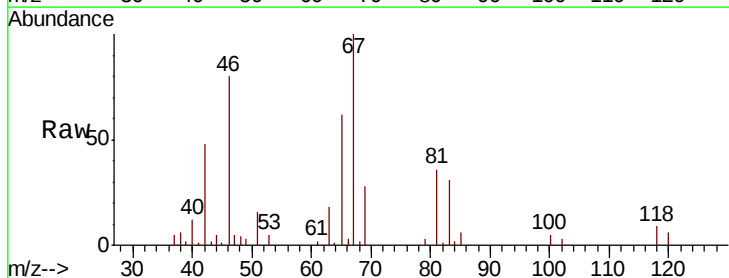
Tgt Ion: 83 Resp: 4981

Ion Ratio Lower Upper

83 100

55 0.0 62.1 93.1#

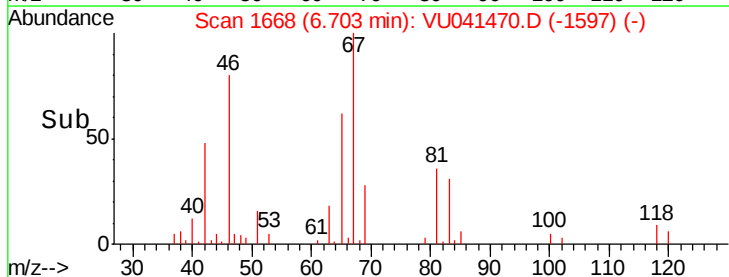
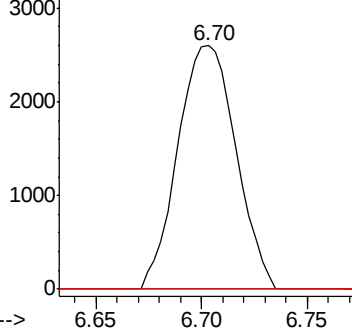
98 0.0 38.7 58.1#

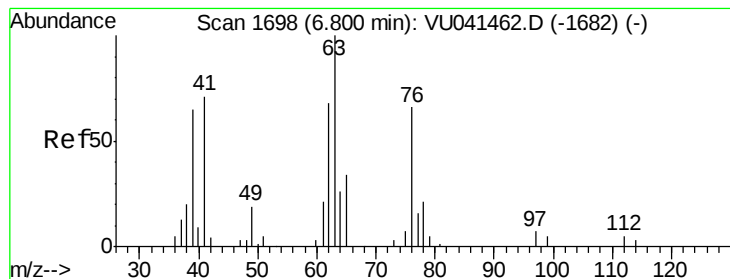


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.851 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU041470.D

Acq: 04 Dec 2020 15:01

Instrument :

MSVOA_U

ClientSampleId :

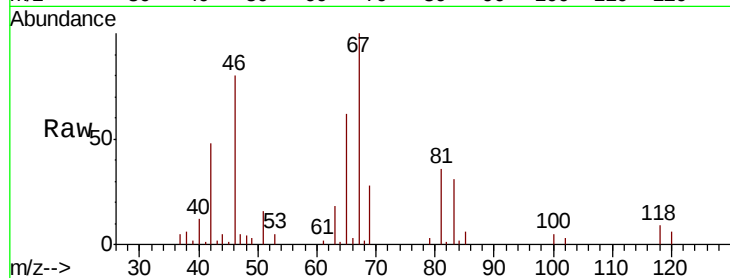
VIBLK05

Tot Ion: 63 Resp: 2538

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



Abundance Ion 63.10 (62.80 to 63.80): VU041462.D (-1682) (-)

Ion 112.10 (111.80 to 112.80): VU041462.D (-1682) (-)

6.70

1500

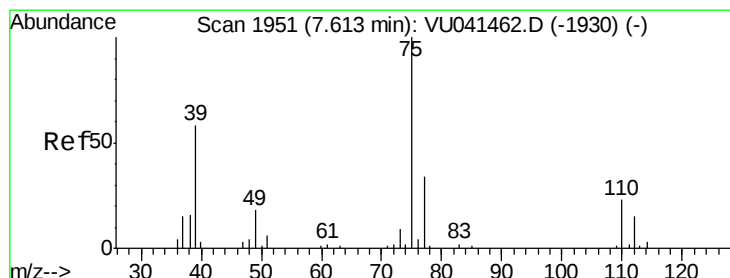
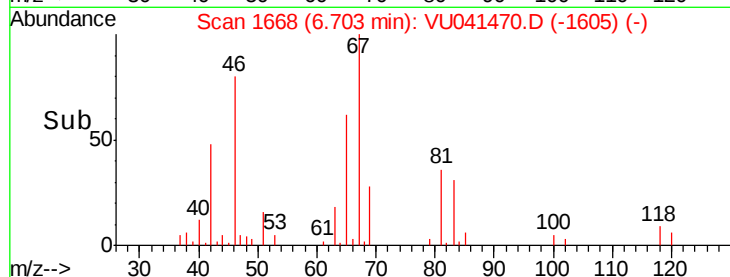
1000

500

0

6.65 6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.127 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU041470.D

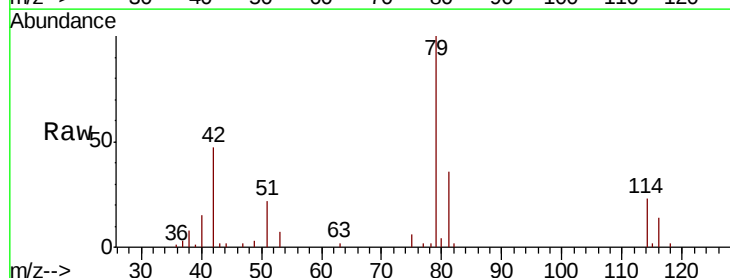
Acq: 04 Dec 2020 15:01

Tgt Ion: 75 Resp: 682

Ion Ratio Lower Upper

75 100

77 36.7 24.0 44.6



Abundance Ion 75.05 (74.75 to 75.75): VU041462.D (-1930) (-)

Ion 77.05 (76.75 to 77.75): VU041462.D (-1930) (-)

7.57

500

400

300

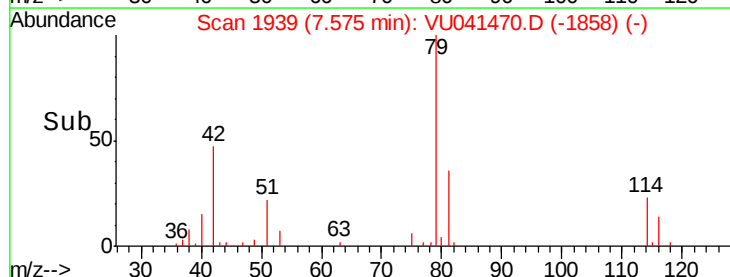
200

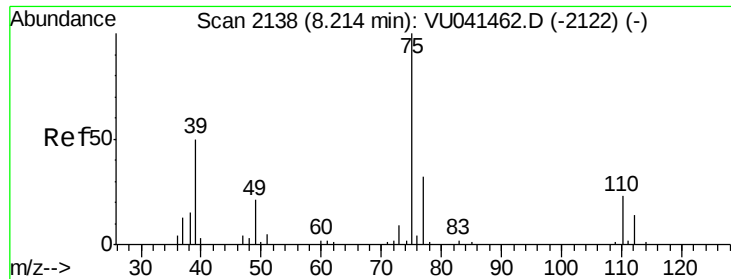
100

0

7.54 7.56 7.58 7.60

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041470.D

Acq: 04 Dec 2020 15:01

Instrument :

MSVOA_U

ClientSampleId :

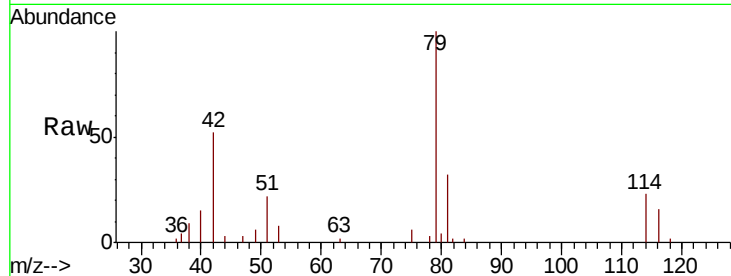
VIBLK05

Tot Ion: 75 Resp: 525

Ion Ratio Lower Upper

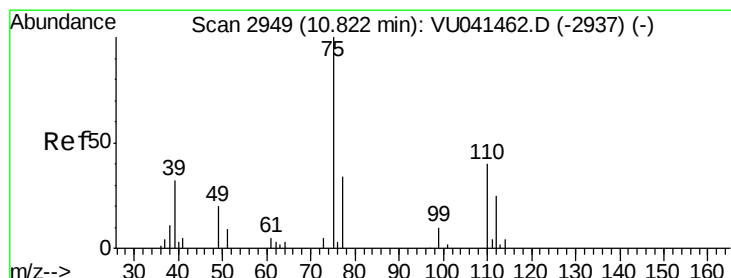
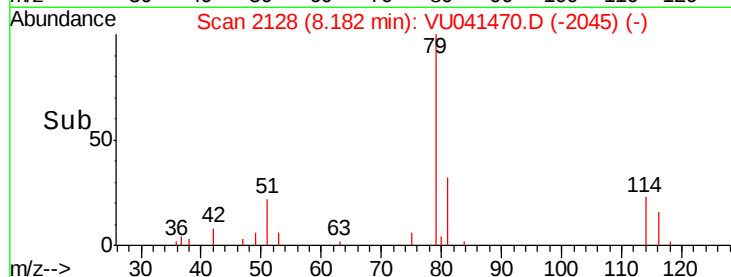
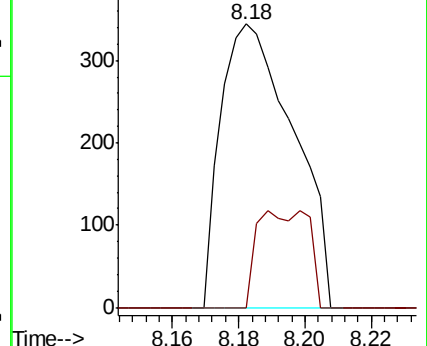
75 100

77 0.0 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.913 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041470.D

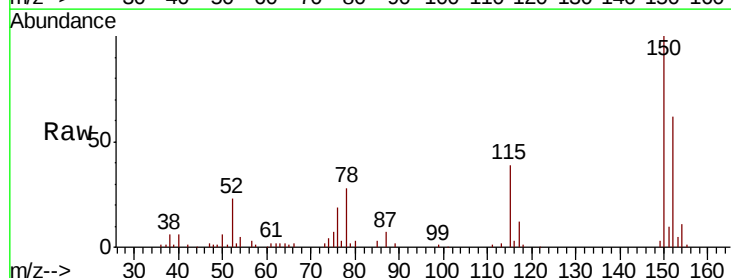
Acq: 04 Dec 2020 15:01

Tgt Ion: 75 Resp: 2643

Ion Ratio Lower Upper

75 100

77 44.7 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

