

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041745.D
 Acq On : 22 Dec 2020 16:49
 Operator : SY/MD
 Sample : L5142-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Dec 23 05:09:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 05:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127890	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124819	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53775	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40955	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.92	69	43884	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.40%
11) 1,1-Dichloroethene-d2	2.58	63	65208	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.66	46	146476	51.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.00%
24) Chloroform-d	5.08	84	84212	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.72	65	48276	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.74	84	163162	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.70	67	52442	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.90	98	129989	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	8.19	79	21095	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.64	63	126597	45.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.92%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48827	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	50539	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

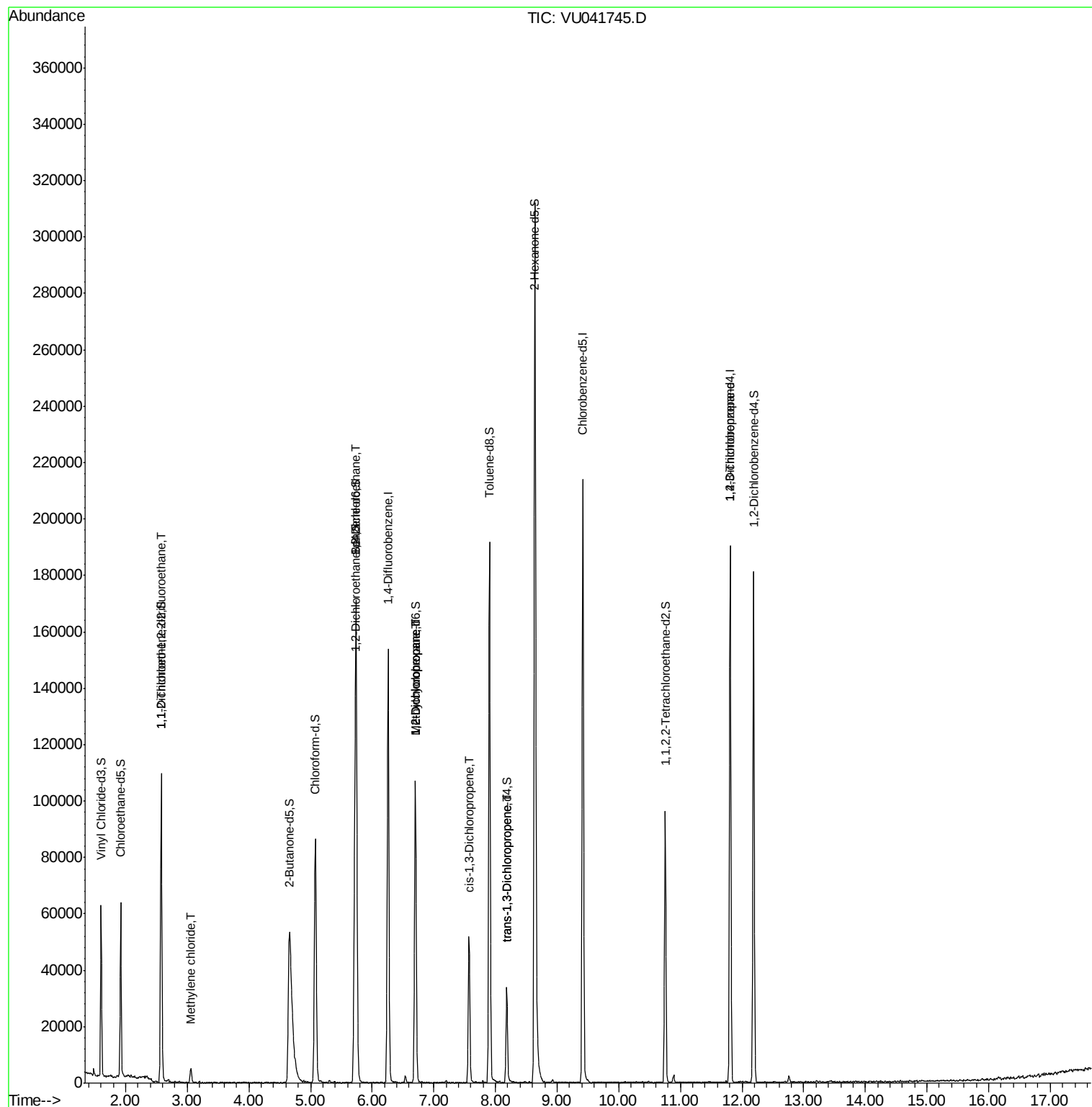
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	592	0.067 ug/L #	22
16) Methylene chloride	3.06	84	2542	0.245 ug/L	93
27) 1,2-Dichloroethane	5.74	62	618	0.054 ug/L #	73
35) Methylcyclohexane	6.70	83	12414	0.766 ug/L #	20
37) 1,2-Dichloropropane	6.70	63	5089	0.498 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1294	0.086 ug/L	90
44) trans-1,3-Dichloropropene	8.18	75	901	0.067 ug/L #	79
59) 1,2,3-Trichloropropane	11.81	75	5777	0.753 ug/L	96

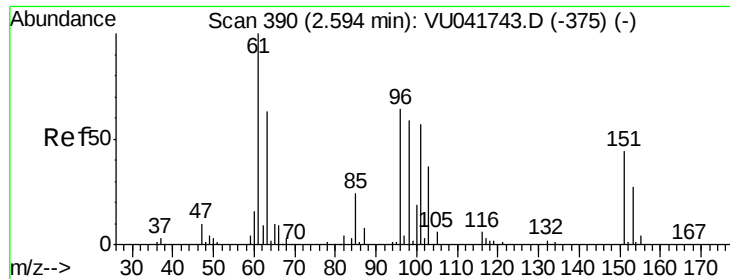
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU122220\
Data File : VU041745.D
Acq On : 22 Dec 2020 16:49
Operator : SY/MD
Sample : L5142-15
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Dec 23 05:09:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 23 05:08:09 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.067 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU041745.D

Acq: 22 Dec 2020 16:49

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

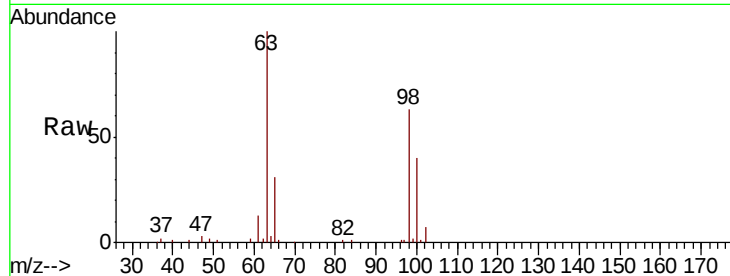
Tot Ion:101 Resp: 592

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

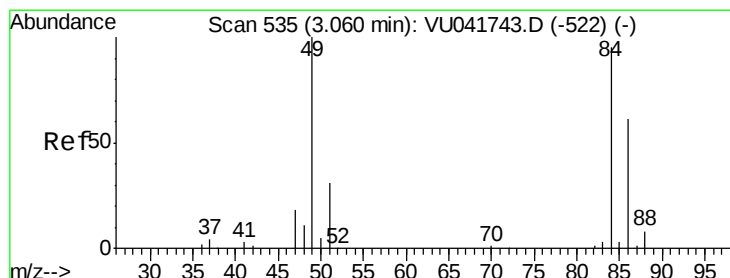
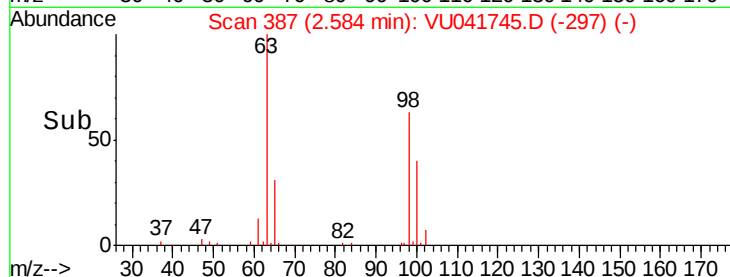
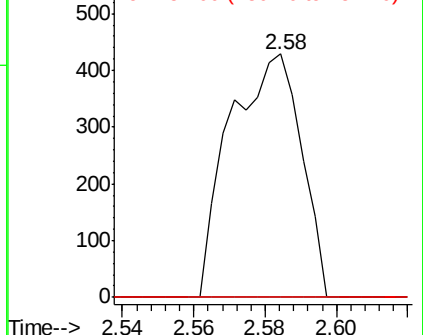
151 0.0 56.2 84.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 0.245 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041745.D

Acq: 22 Dec 2020 16:49

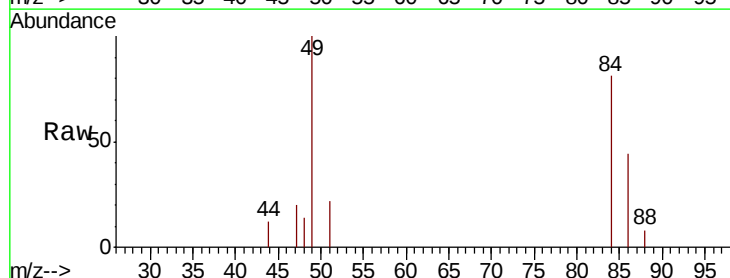
Tgt Ion: 84 Resp: 2542

Ion Ratio Lower Upper

84 100

86 54.1 45.1 83.7

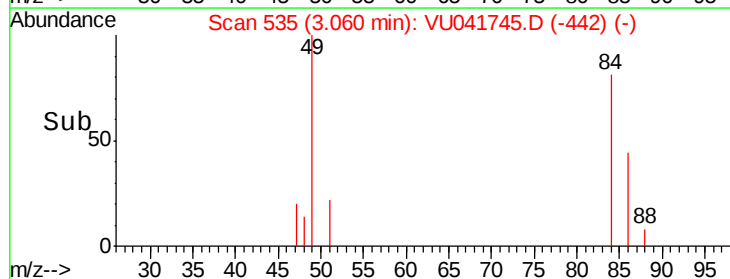
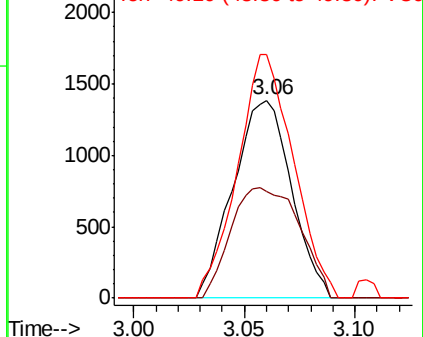
49 123.2 83.1 154.3

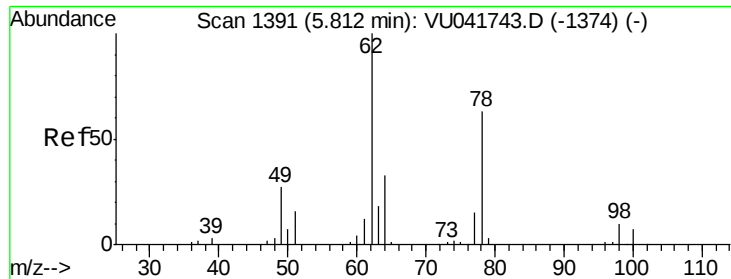


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

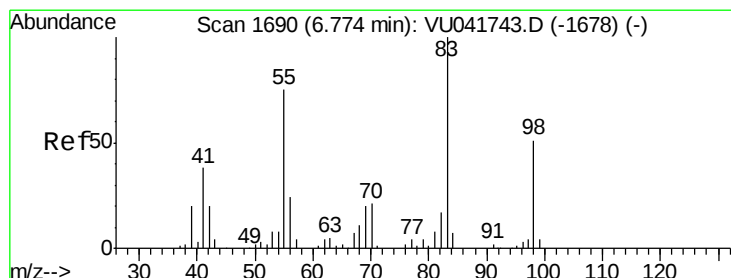
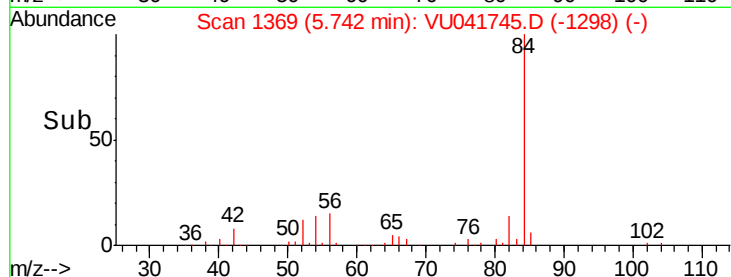
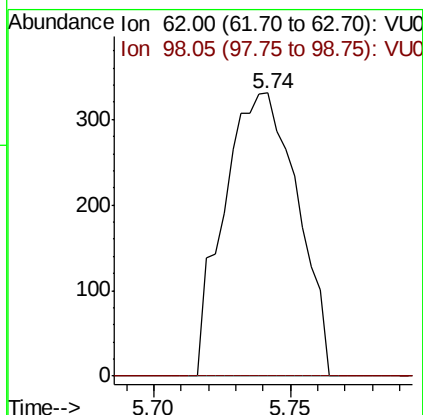
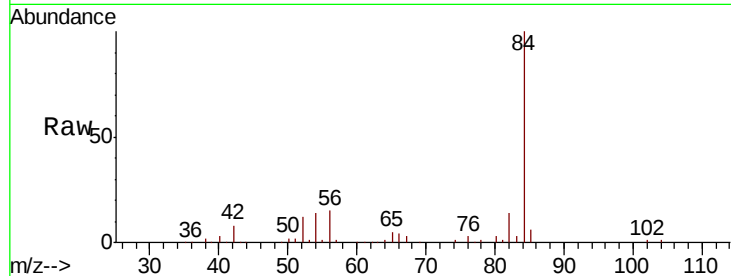




#27
 1,2-Dichloroethane
 Concen: 0.054 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.07 min
 Lab File: VU041745.D
 Acq: 22 Dec 2020 16:49

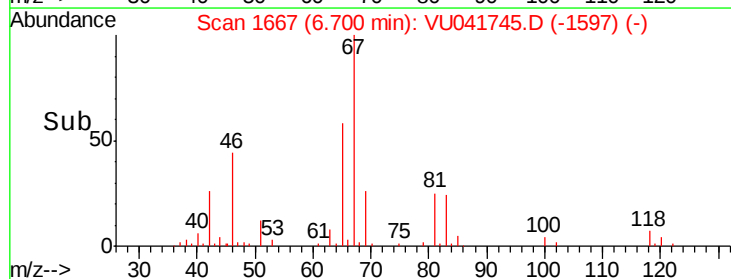
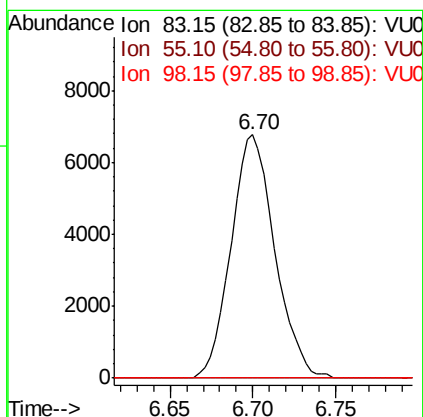
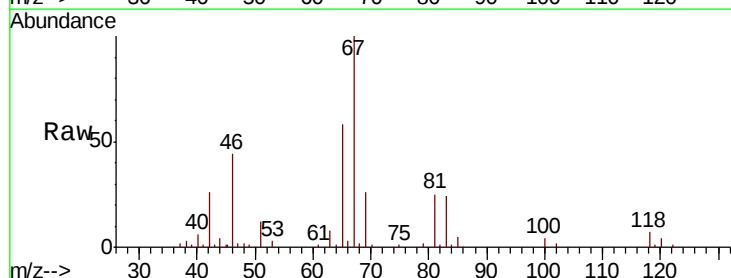
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

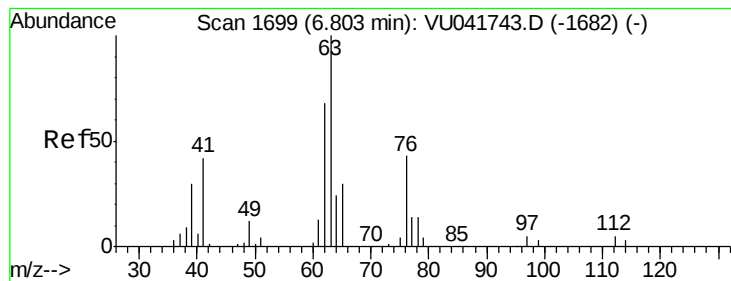
Tot Ion: 62 Resp: 618
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#35
 Methylcyclohexane
 Concen: 0.766 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: VU041745.D
 Acq: 22 Dec 2020 16:49

Tgt Ion: 83 Resp: 12414
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.2 91.8#
 98 3.2 36.6 54.8#





#37

1,2-Dichloropropane

Concen: 0.498 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU041745.D

Acq: 22 Dec 2020 16:49

Instrument :

MSVOA_U

ClientSampleId :

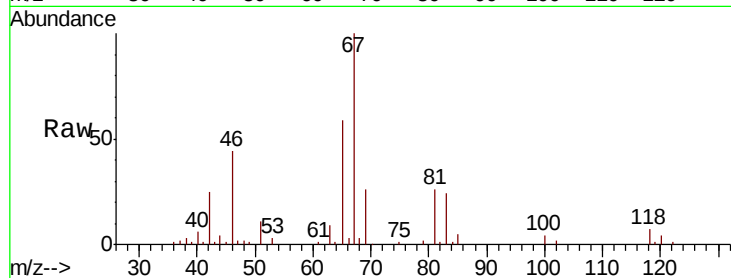
VHBLK01

Tot Ion: 63 Resp: 5089

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU041743.D (-1682) (-)

Ion 112.10 (111.80 to 112.80): VU041743.D (-1682) (-)

6.70

2500

2000

1500

1000

500

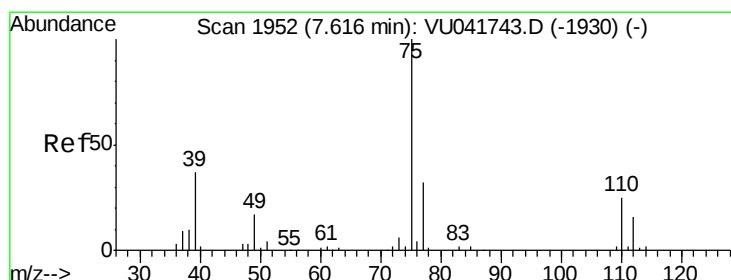
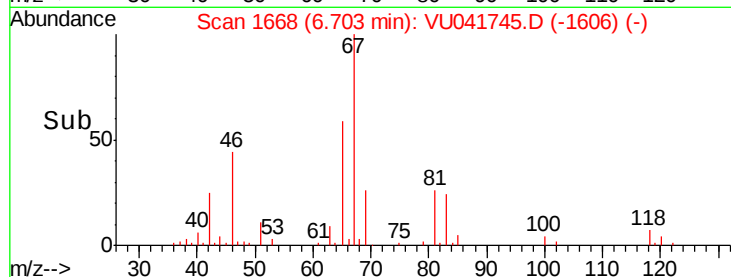
0

6.65

6.70

6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.05 min

Lab File: VU041745.D

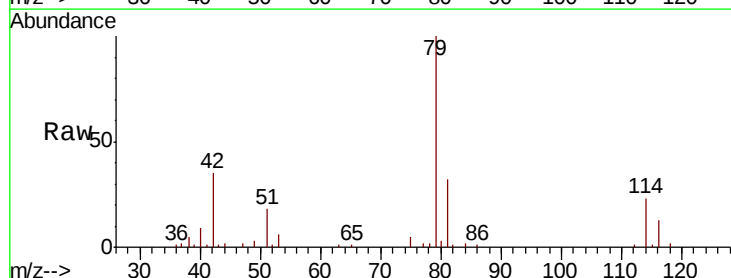
Acq: 22 Dec 2020 16:49

Tgt Ion: 75 Resp: 1294

Ion Ratio Lower Upper

75 100

77 37.2 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VU041743.D (-1930) (-)

Ion 77.05 (76.75 to 77.75): VU041743.D (-1930) (-)

7.57

1000

800

600

400

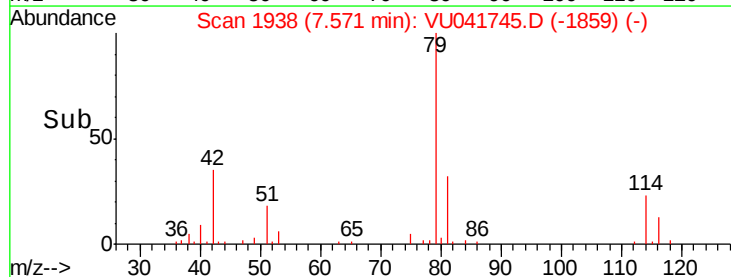
200

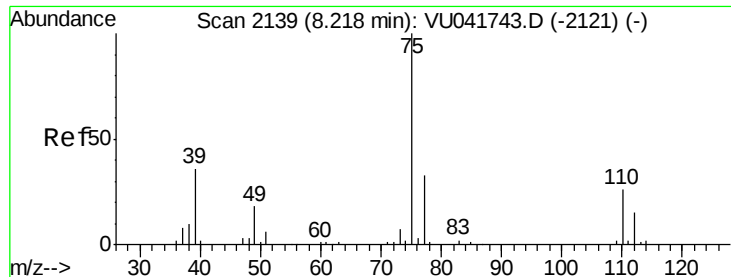
0

7.55

7.60

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.04 min

Lab File: VU041745.D

Acq: 22 Dec 2020 16:49

Instrument :

MSVOA_U

ClientSampleId :

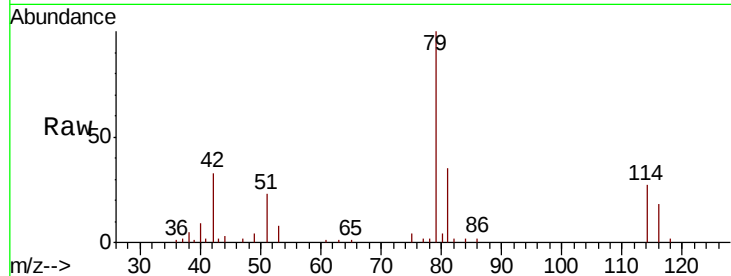
VHBLK01

Tot Ion: 75 Resp: 901

Ion Ratio Lower Upper

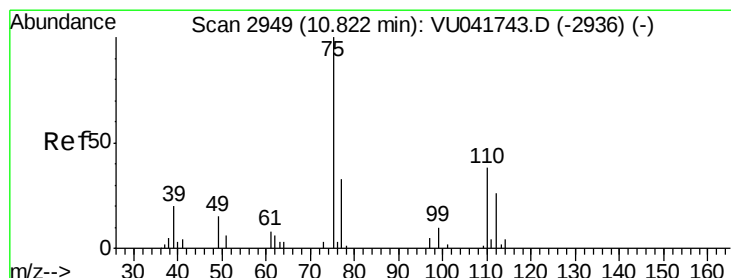
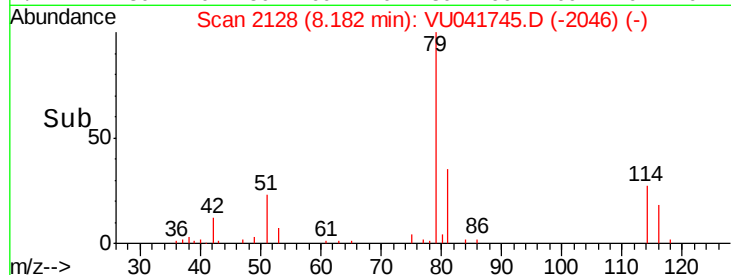
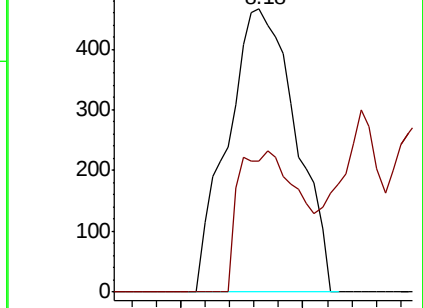
75 100

77 46.1 23.8 44.2#



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: 0.753 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041745.D

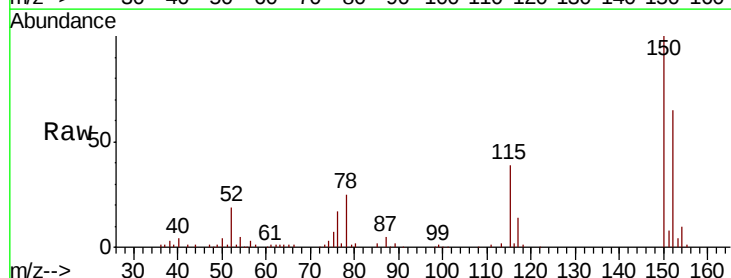
Acq: 22 Dec 2020 16:49

Tgt Ion: 75 Resp: 5777

Ion Ratio Lower Upper

75 100

77 34.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

