

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111020\
 Data File : VU041196.D
 Acq On : 11 Nov 2020 11:44
 Operator : SY/MD
 Sample : L4648-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Nov 11 13:26:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 11 13:19:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	59482	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	62909	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25109	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20216	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.92	69	20091	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.58	63	32095	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.65	46	83315	50.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.26%
24) Chloroform-d	5.08	84	44808	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.72	65	29647	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.74	84	87540	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.70	67	29904	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.90	98	64224	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	8.19	79	10097	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.64	63	52956	41.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22548	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	26037	5.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.20%

Target Compounds

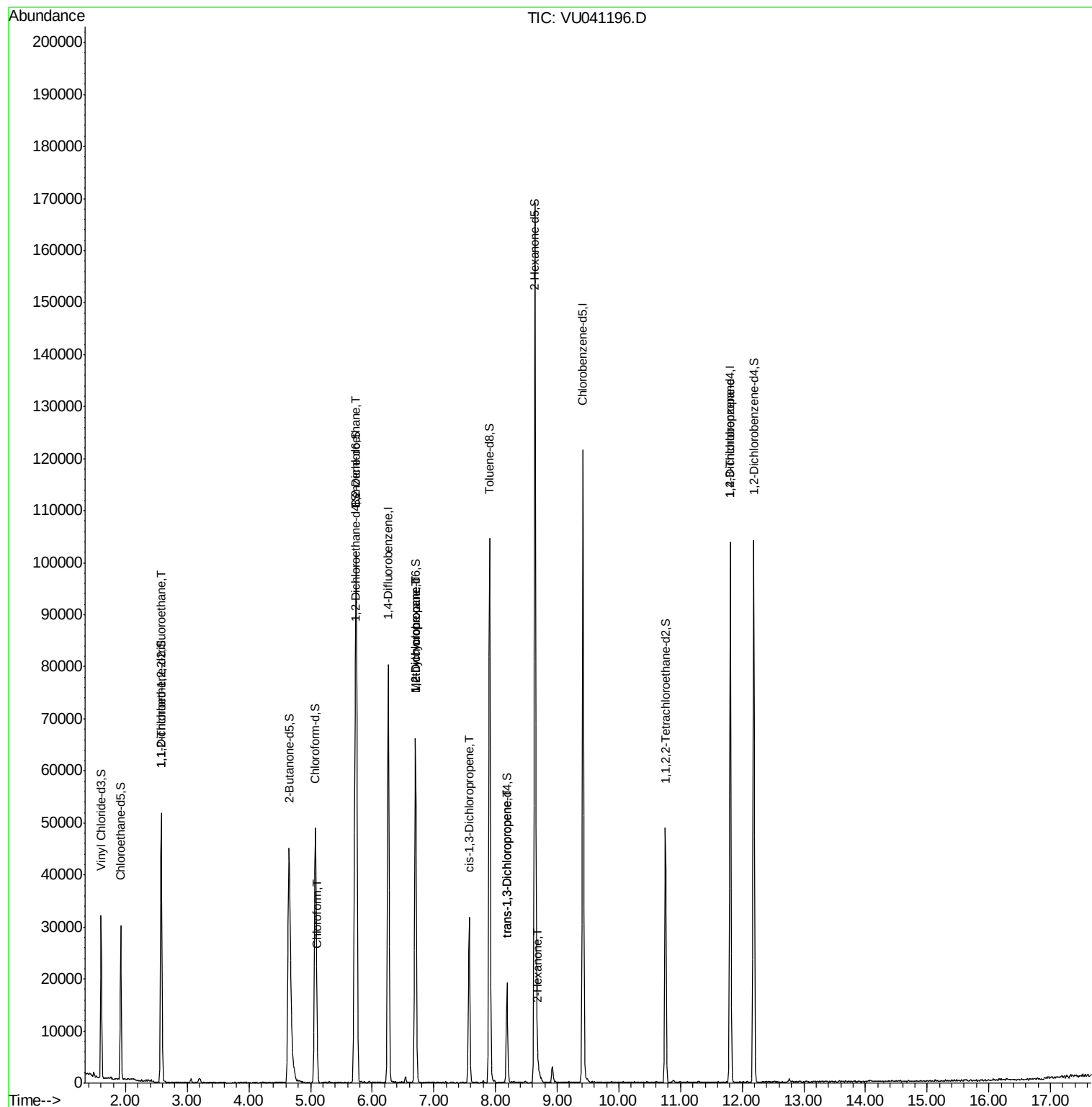
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	208	0.047	ug/L #	22
25) Chloroform	5.11	83	1590	0.186	ug/L	86
27) 1,2-Dichloroethane	5.74	62	529	0.083	ug/L #	74
35) Methylcyclohexane	6.70	83	6860	0.961	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	3469	0.682	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	790	0.113	ug/L #	59
44) trans-1,3-Dichloropropene	8.19	75	430	0.066	ug/L #	19
48) 2-Hexanone	8.69	43	1444	0.473	ug/L #	85
59) 1,2,3-Trichloropropane	11.81	75	3239	0.854	ug/L	90

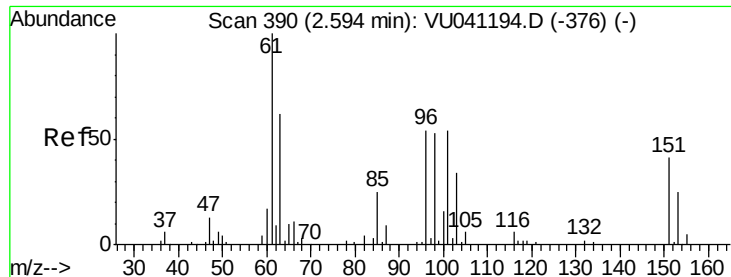
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 11 13:19:05 2020
Response via : Initial Calibration





#10

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

Concen: 0.047 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041196.D

Acq: 11 Nov 2020 11:44

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VHBLK01

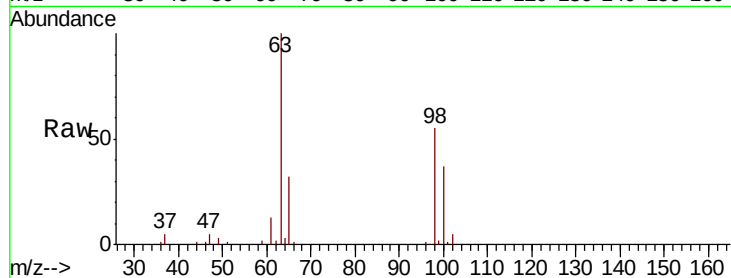
Tot Ion:101 Resp: 208

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

151 0.0 55.3 82.9#



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

2.58

200

150

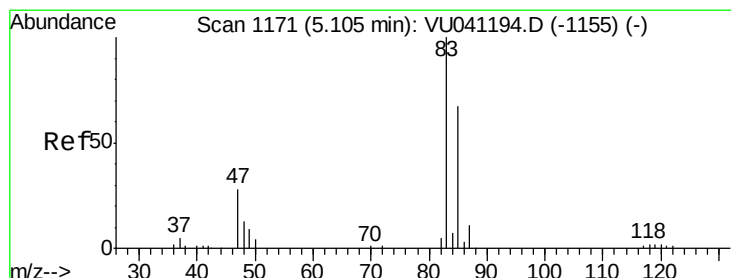
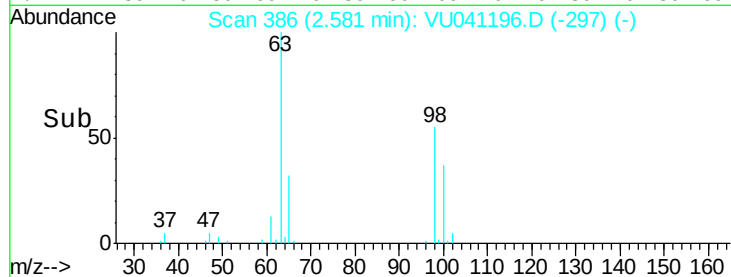
100

50

0

2.56 2.58 2.60

Time-->



#25

Chloroform

Concen: 0.186 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU041196.D

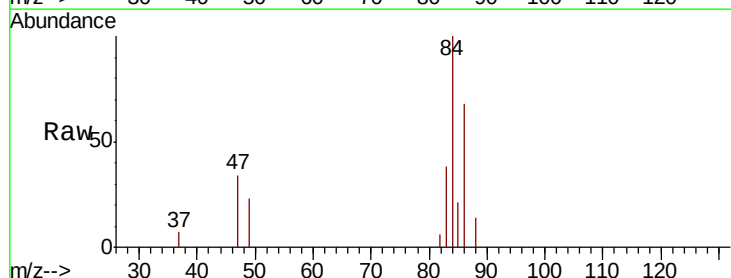
Acq: 11 Nov 2020 11:44

Tgt Ion: 83 Resp: 1590

Ion Ratio Lower Upper

83 100

85 55.0 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

800

600

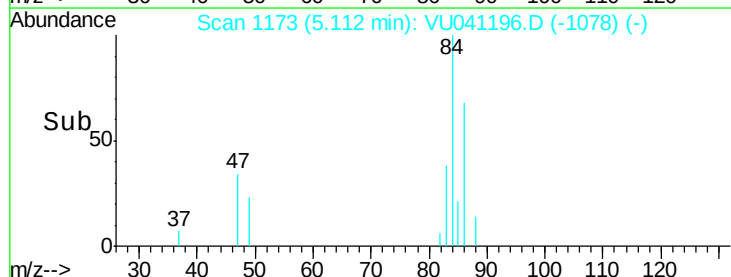
400

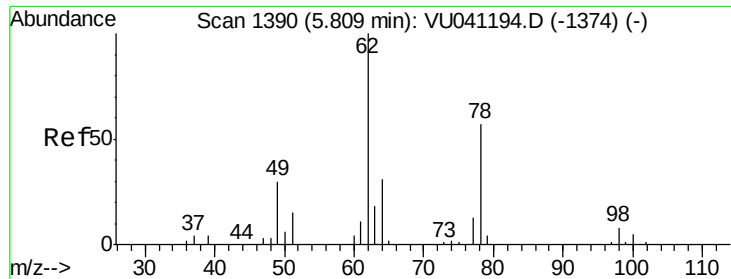
200

0

5.05 5.10 5.15

Time-->

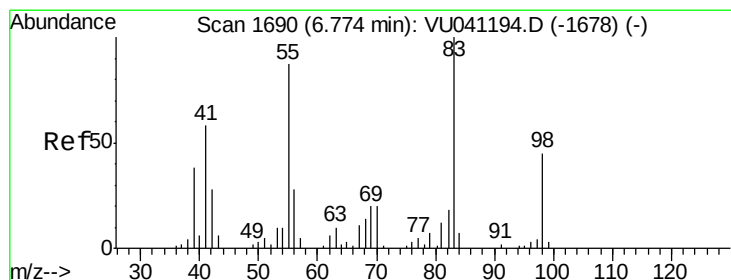
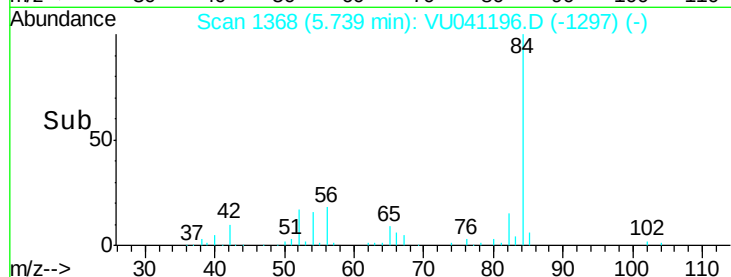
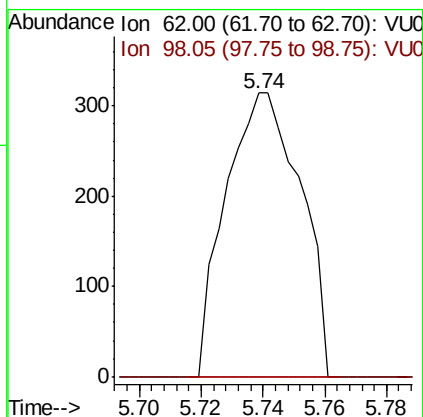
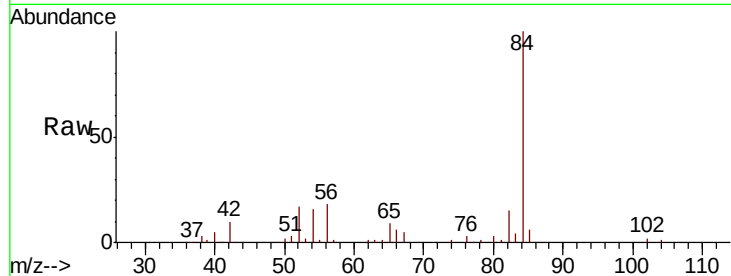




#27
 1,2-Dichloroethane
 Concen: 0.083 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.07 min
 Lab File: VU041196.D
 Acq: 11 Nov 2020 11:44

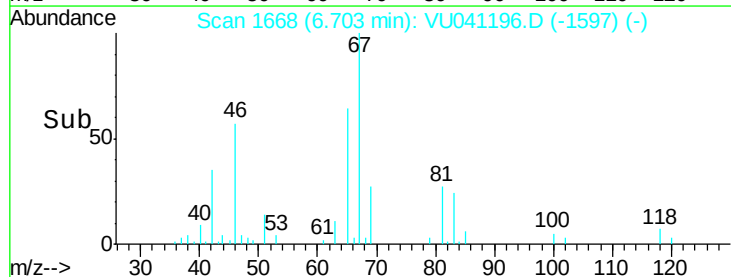
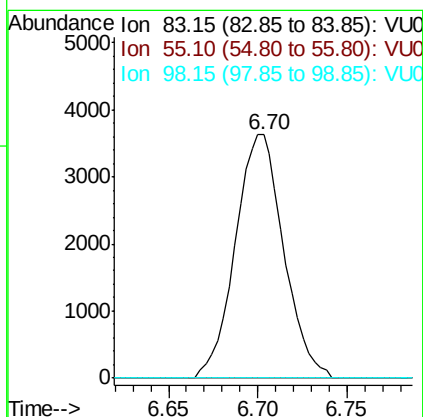
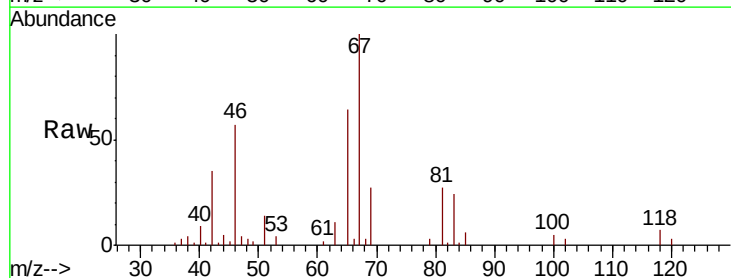
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

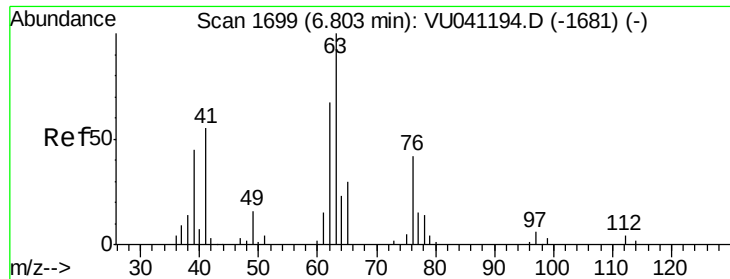
Tot Ion: 62 Resp: 529
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#35
 Methylcyclohexane
 Concen: 0.961 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU041196.D
 Acq: 11 Nov 2020 11:44

Tgt Ion: 83 Resp: 6860
 Ion Ratio Lower Upper
 83 100
 55 0.0 72.0 108.0#
 98 3.0 36.6 55.0#

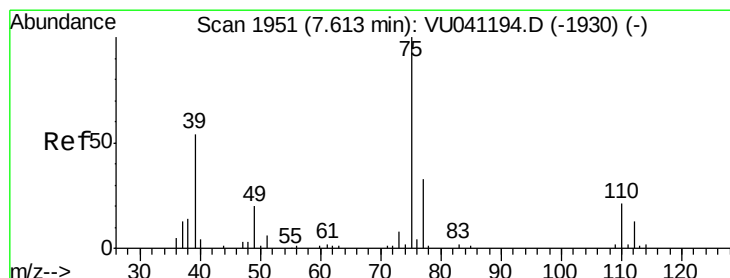
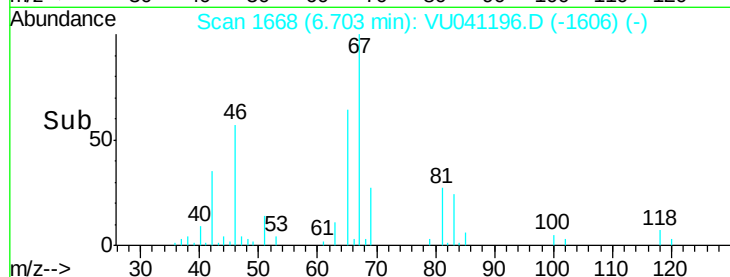
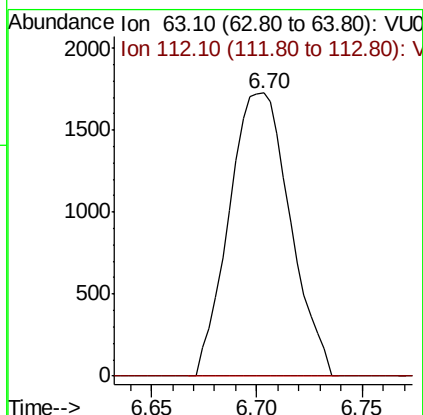
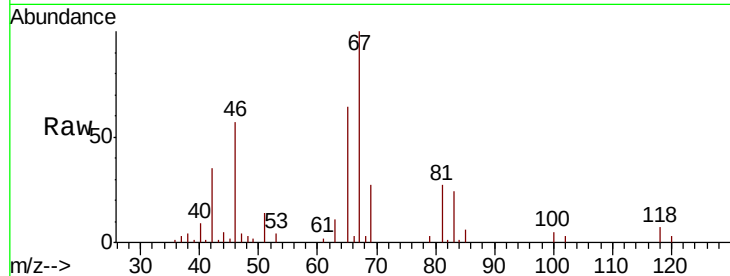




#37
 1,2-Dichloropropane
 Concen: 0.682 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041196.D
 Acq: 11 Nov 2020 11:44

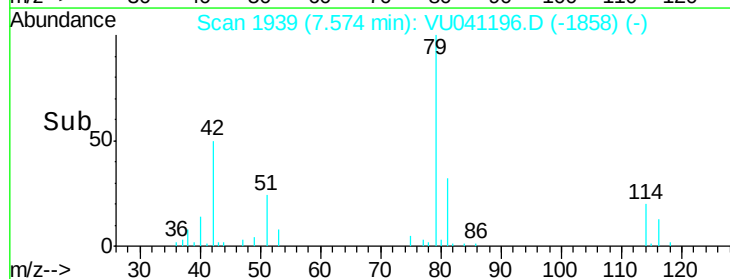
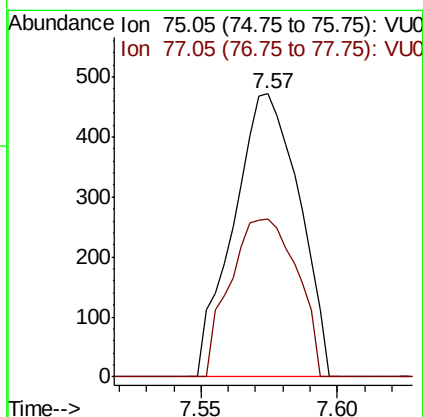
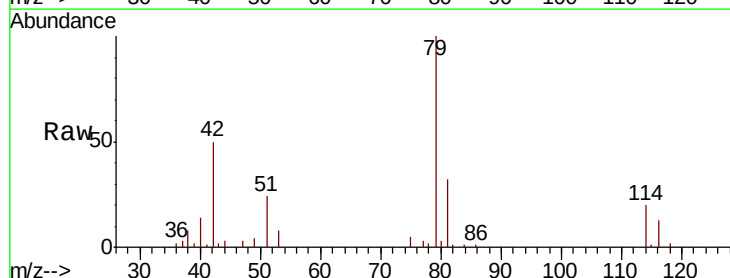
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

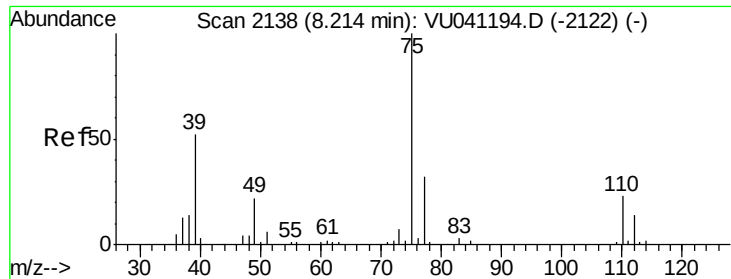
Tot Ion: 63 Resp: 3469
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041196.D
 Acq: 11 Nov 2020 11:44

Tgt Ion: 75 Resp: 790
 Ion Ratio Lower Upper
 75 100
 77 55.7 22.7 42.3#





#44

trans-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041196.D

Acq: 11 Nov 2020 11:44

Instrument :

MSVOA_U

ClientSampleId :

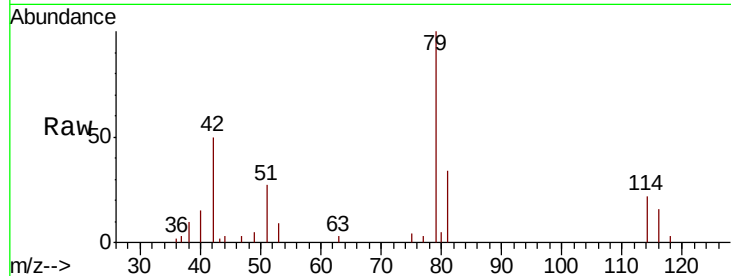
VHBLK01

Tot Ion: 75 Resp: 430

Ion Ratio Lower Upper

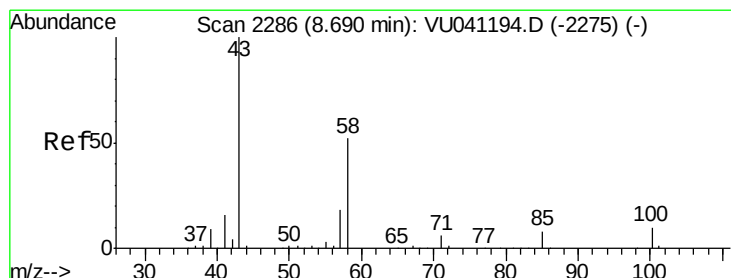
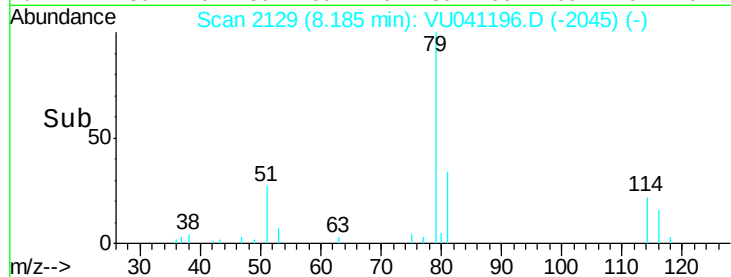
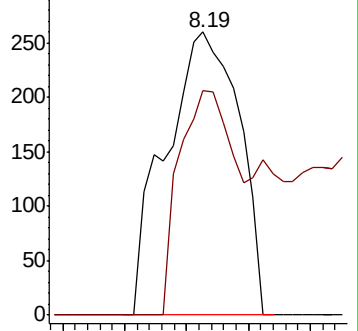
75 100

77 79.2 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 0.473 ug/L

RT: 8.69 min Scan# 2286

Delta R.T. 0.00 min

Lab File: VU041196.D

Acq: 11 Nov 2020 11:44

Tgt Ion: 43 Resp: 1444

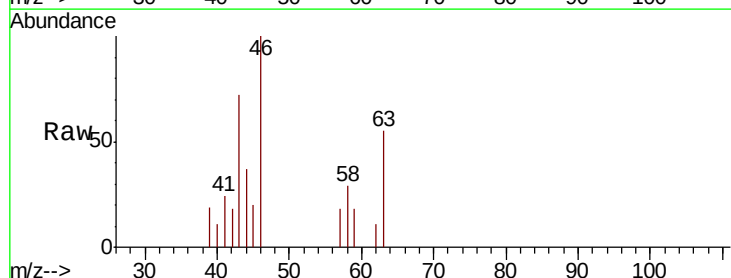
Ion Ratio Lower Upper

43 100

58 39.2 41.4 62.2#

57 18.6 14.6 21.8

100 0.0 8.3 12.5#

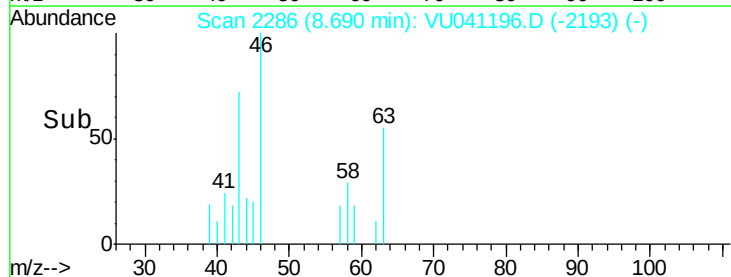
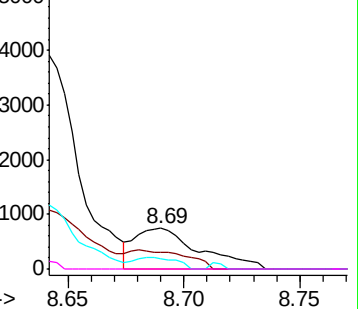


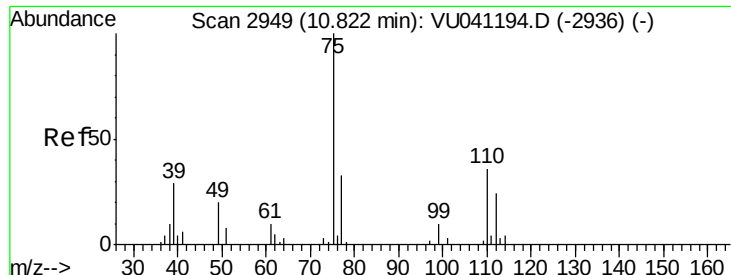
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.854 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041196.D

Acq: 11 Nov 2020 11:44

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tot Ion: 75 Resp: 3239

Ion Ratio Lower Upper

75 100

77 37.7 25.7 38.5

