

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121520\
 Data File : VU041639.D
 Acq On : 15 Dec 2020 16:15
 Operator : SY/MD
 Sample : L5063-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: Dec 16 02:47:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 16 02:41:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	117799	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118020	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50307	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	45951	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.92	69	39492	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.80%
11) 1,1-Dichloroethene-d2	2.58	63	66461	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.67	46	141647	53.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.08%
24) Chloroform-d	5.08	84	81707	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.72	65	48492	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.75	84	163241	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.70	67	51178	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.91	98	140404	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.19	79	21725	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.64	63	123604	47.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.92%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47109	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	49899	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

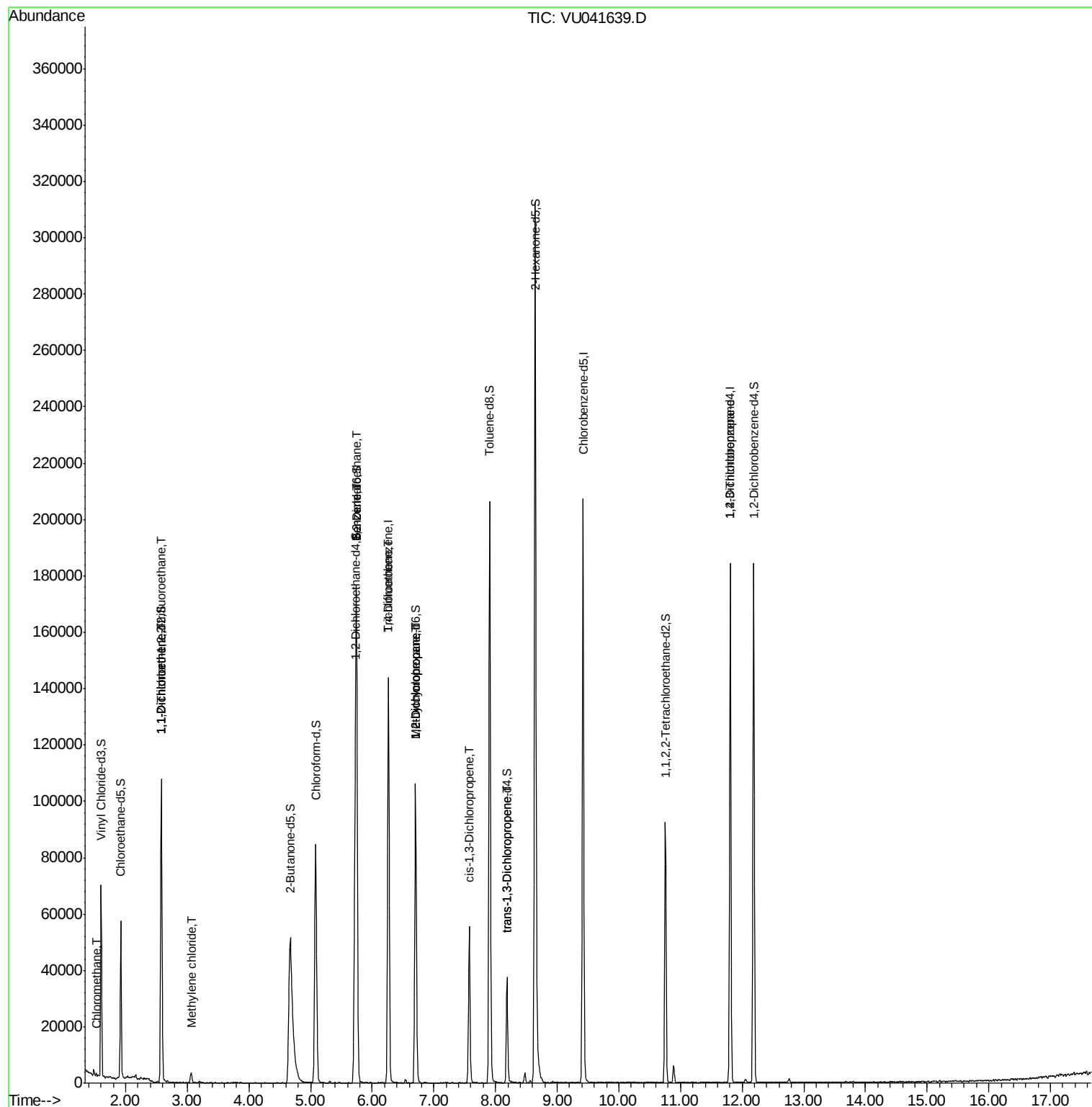
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	593	0.061	ug/L #	78
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	537	0.066	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	458	0.057	ug/L #	1
16) Methylene chloride	3.06	84	1948	0.204	ug/L	94
27) 1,2-Dichloroethane	5.75	62	875	0.083	ug/L #	73
33) Benzene	5.75	78	1298	0.034	ug/L	100
34) Trichloroethene	6.27	95	2653	0.280	ug/L #	7
35) Methylcyclohexane	6.70	83	11956	0.780	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5346	0.554	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1393	0.097	ug/L #	76
44) trans-1,3-Dichloropropene	8.19	75	810	0.063	ug/L #	79
59) 1,2,3-Trichloropropane	11.81	75	5315	0.733	ug/L	95

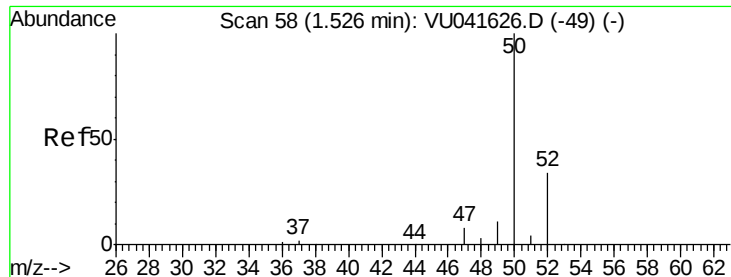
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 16 02:41:48 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.061 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU041639.D

Acq: 15 Dec 2020 16:15

Instrument :

MSVOA_U

ClientSampled :

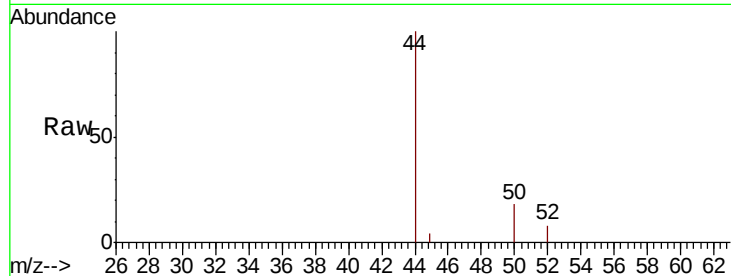
VHBLK02

Tot Ion: 50 Resp: 593

Ion Ratio Lower Upper

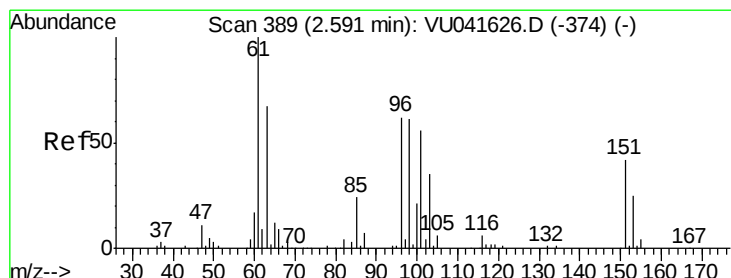
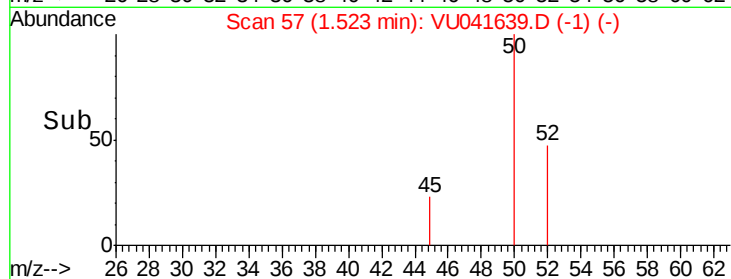
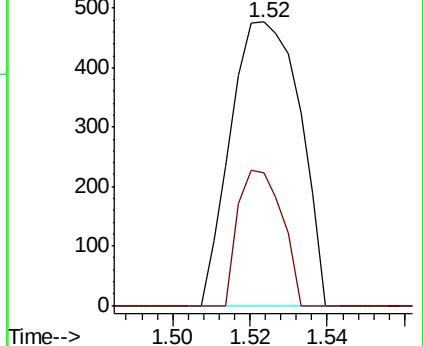
50 100

52 47.0 24.1 44.8#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#10

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

Concen: 0.066 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041639.D

Acq: 15 Dec 2020 16:15

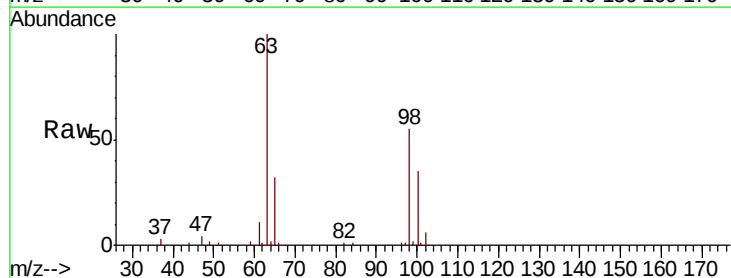
Tgt Ion:101 Resp: 537

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

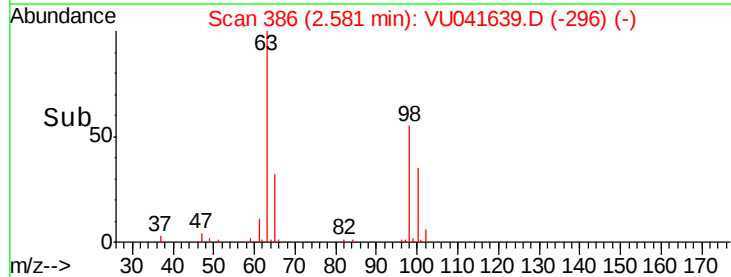
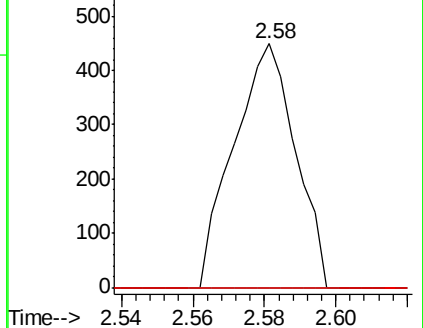
151 0.0 56.2 84.4#

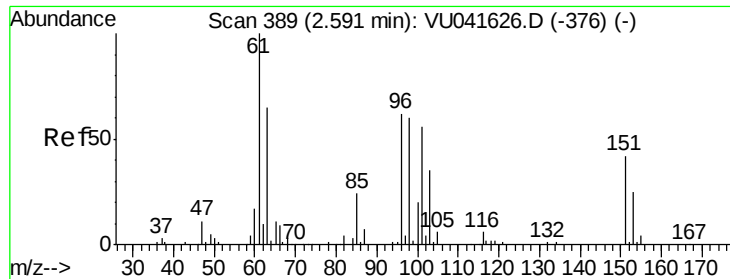


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.057 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU041639.D

Acq: 15 Dec 2020 16:15

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

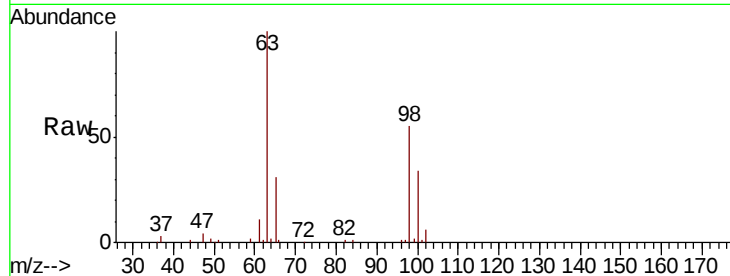
Tot Ion: 96 Resp: 458

Ion Ratio Lower Upper

96 100

61 1418.2 123.8 230.0#

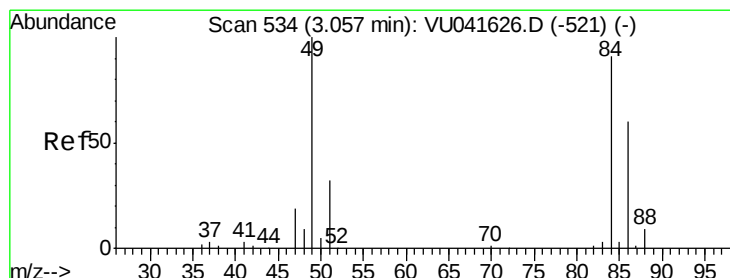
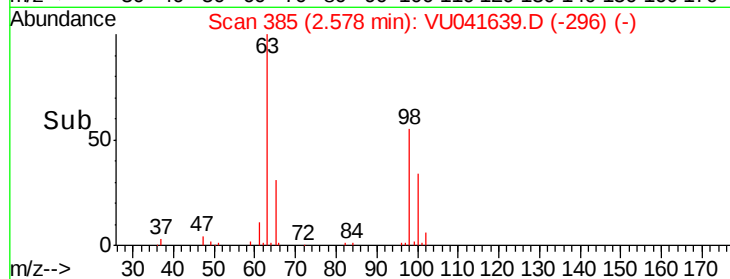
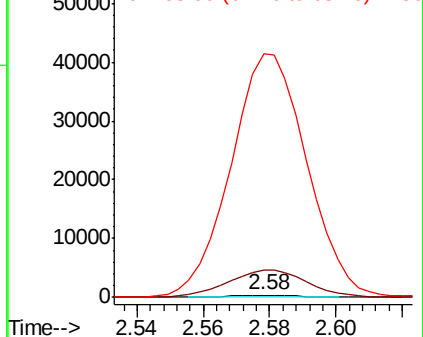
63 12586.0 81.0 150.4#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#16

Methylene chloride

Concen: 0.204 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.01 min

Lab File: VU041639.D

Acq: 15 Dec 2020 16:15

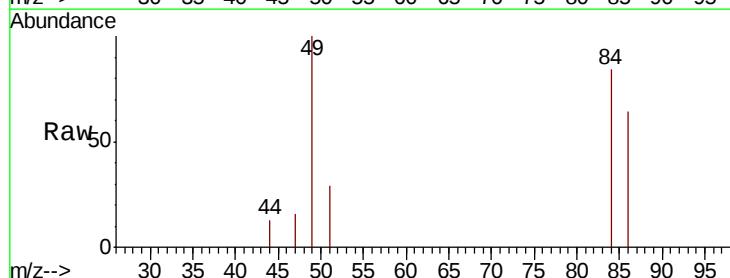
Tgt Ion: 84 Resp: 1948

Ion Ratio Lower Upper

84 100

86 76.5 45.1 83.7

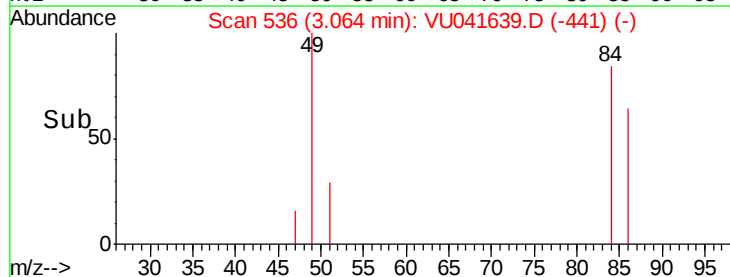
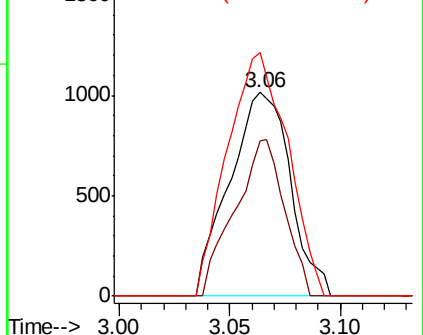
49 119.6 83.1 154.3

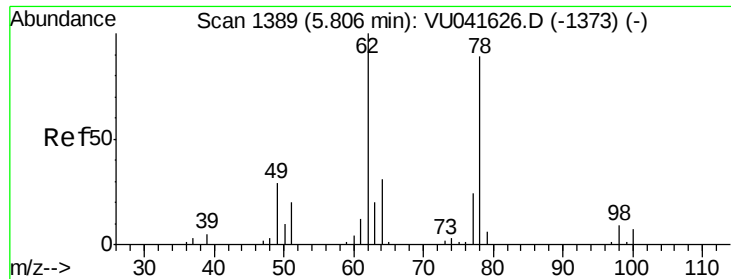


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

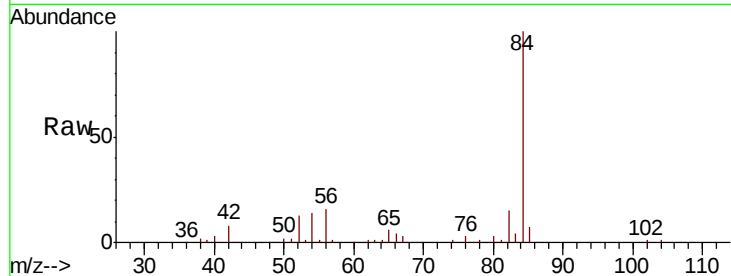




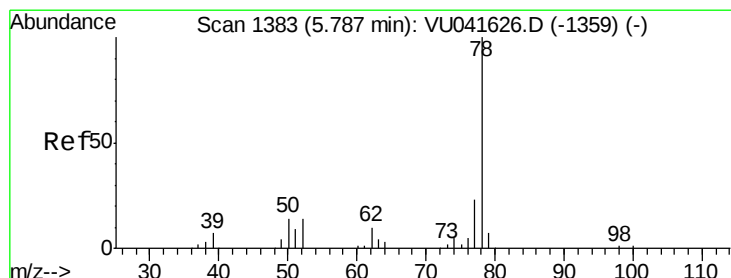
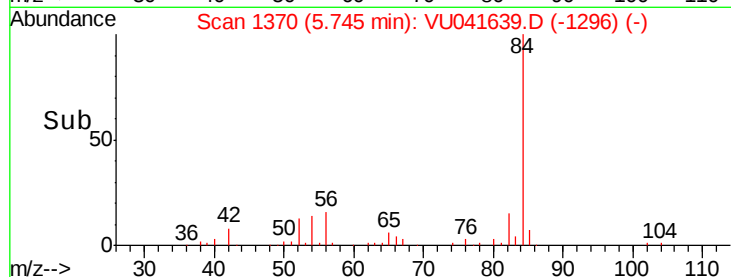
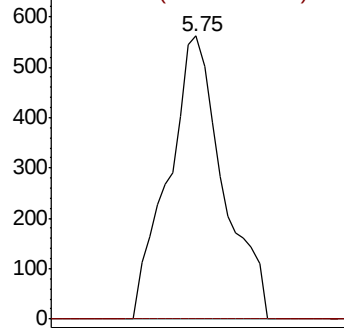
#27
 1,2-Dichloroethane
 Concen: 0.083 ug/L
 RT: 5.75 min Scan# 1370
 Delta R.T. -0.06 min
 Lab File: VU041639.D
 Acq: 15 Dec 2020 16:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Tot Ion: 62 Resp: 875
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#

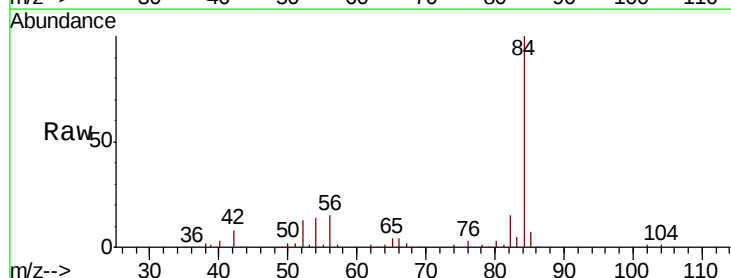


Abundance Ion 62.00 (61.70 to 62.70): VU0
 Ion 98.05 (97.75 to 98.75): VU0

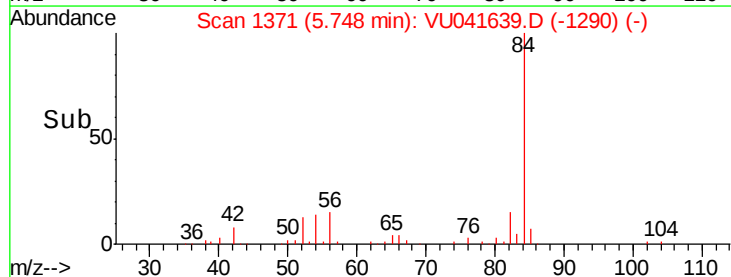
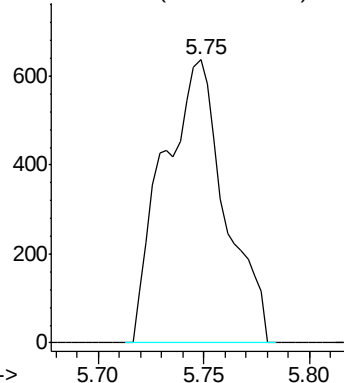


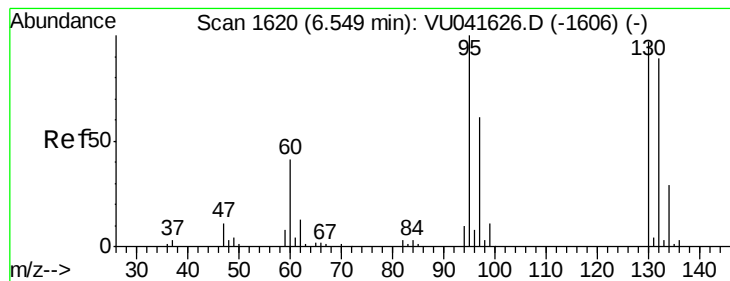
#33
 Benzene
 Concen: 0.034 ug/L
 RT: 5.75 min Scan# 1371
 Delta R.T. -0.04 min
 Lab File: VU041639.D
 Acq: 15 Dec 2020 16:15

Tgt Ion: 78 Resp: 1298



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 0.280 ug/L

RT: 6.27 min Scan# 1532

Delta R.T. -0.28 min

Lab File: VU041639.D

Acq: 15 Dec 2020 16:15

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

Tot Ion: 95 Resp: 2653

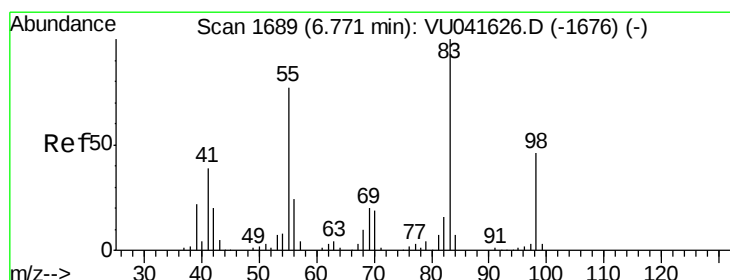
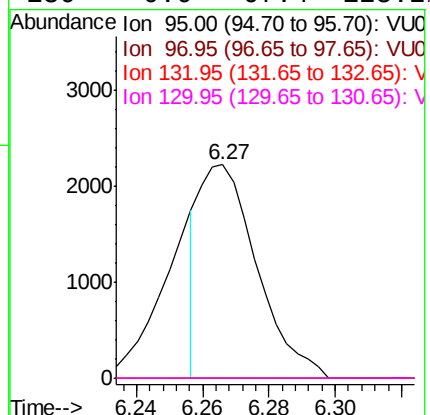
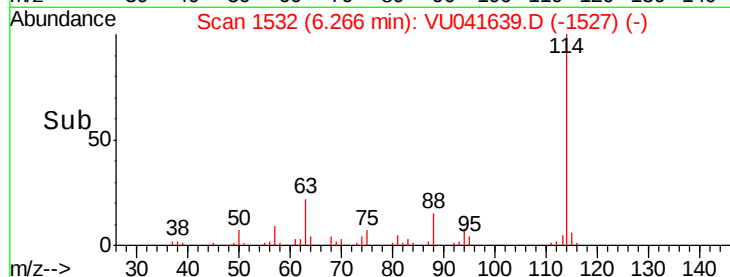
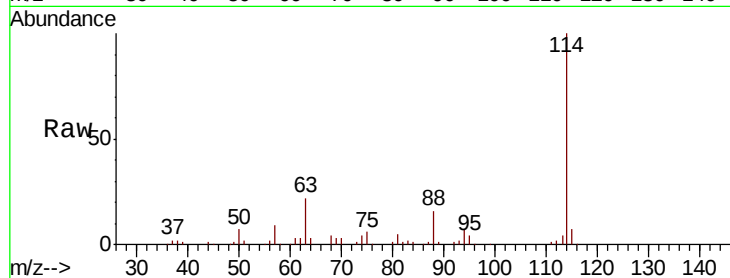
Ion Ratio Lower Upper

95 100

97 0.0 43.9 81.5#

132 0.0 63.1 117.3#

130 0.0 67.4 125.2#



#35

Methylcyclohexane

Concen: 0.780 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041639.D

Acq: 15 Dec 2020 16:15

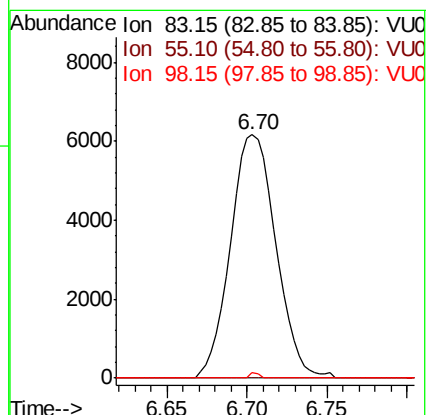
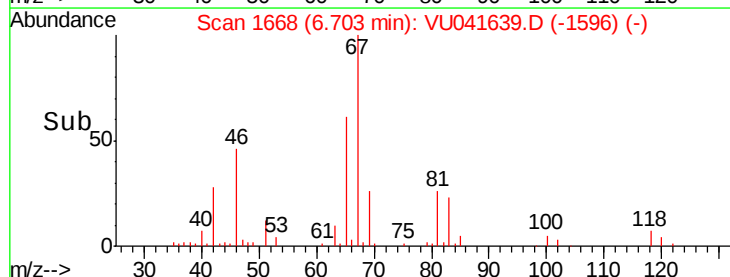
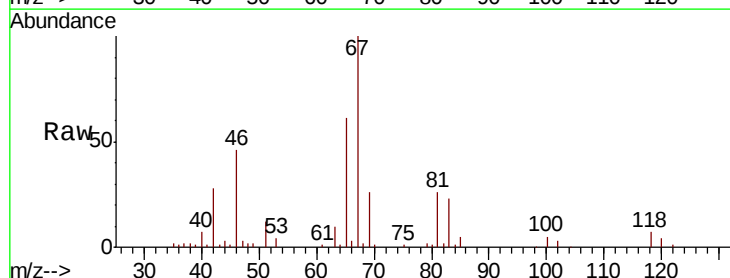
Tgt Ion: 83 Resp: 11956

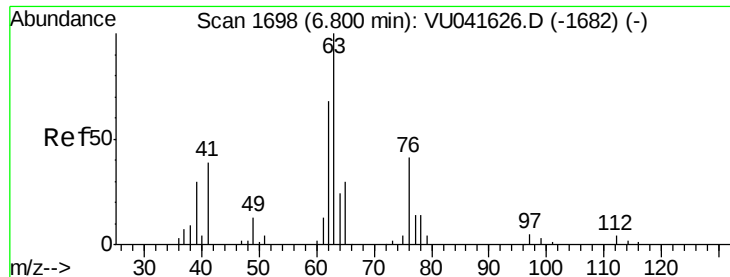
Ion Ratio Lower Upper

83 100

55 0.0 61.2 91.8#

98 0.4 36.6 54.8#

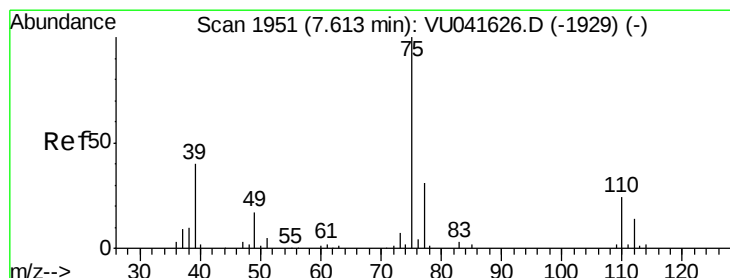
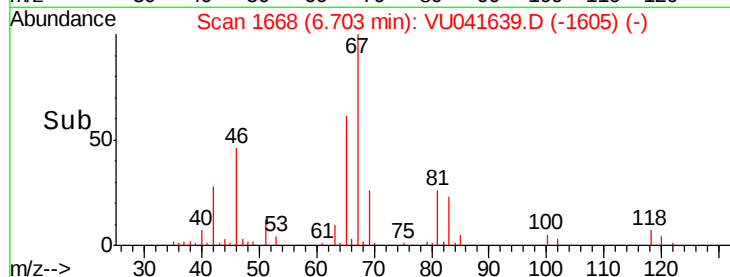
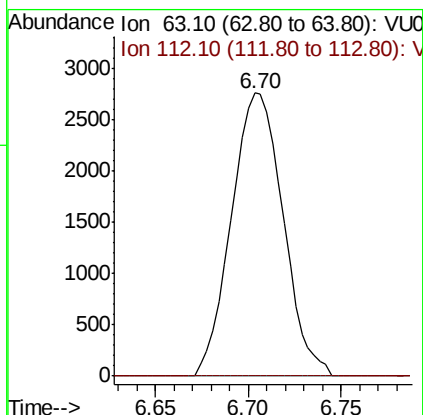
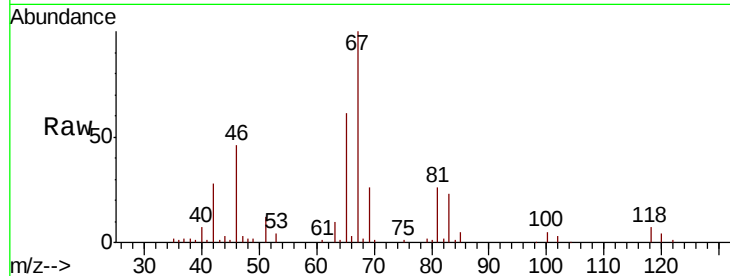




#37
 1,2-Dichloropropane
 Concen: 0.554 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041639.D
 Acq: 15 Dec 2020 16:15

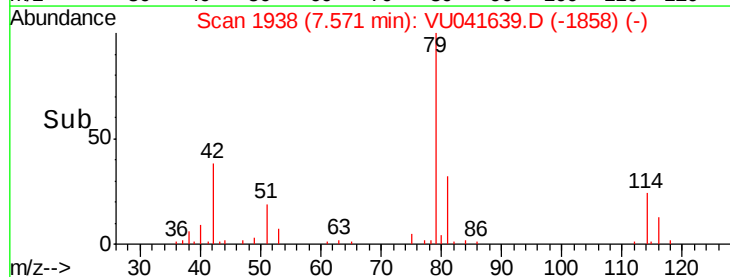
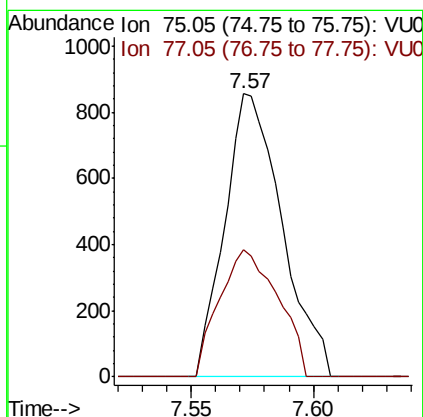
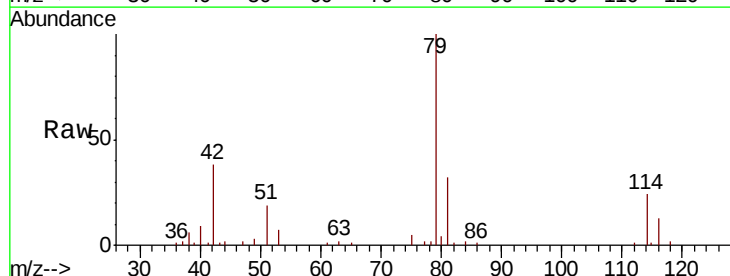
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

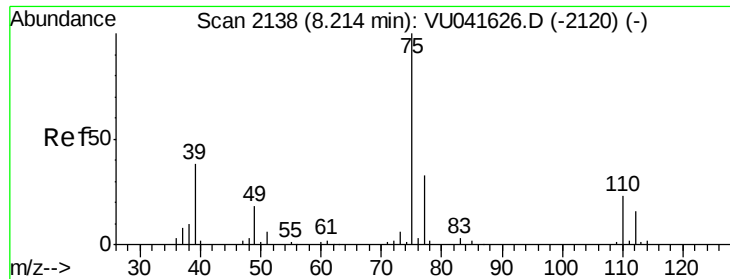
Tot Ion: 63 Resp: 5346
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041639.D
 Acq: 15 Dec 2020 16:15

Tgt Ion: 75 Resp: 1393
 Ion Ratio Lower Upper
 75 100
 77 45.1 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.063 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041639.D

Acq: 15 Dec 2020 16:15

Instrument :

MSVOA_U

ClientSampleId :

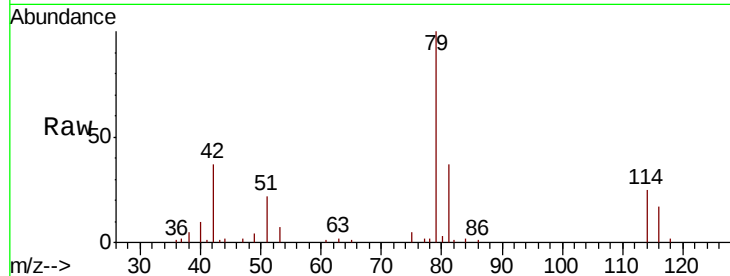
VHBLK02

Tot Ion: 75 Resp: 810

Ion Ratio Lower Upper

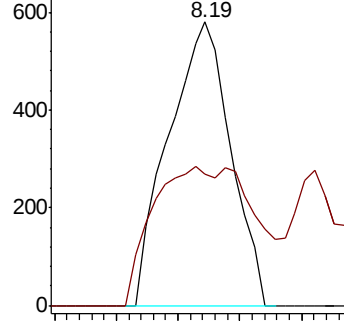
75 100

77 46.2 23.8 44.2#

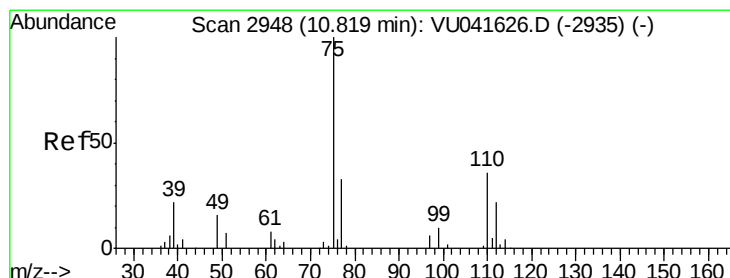
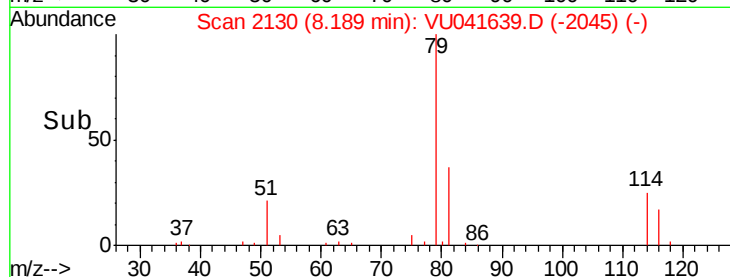


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



Time-->



#59

1,2,3-Trichloropropane

Concen: 0.733 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041639.D

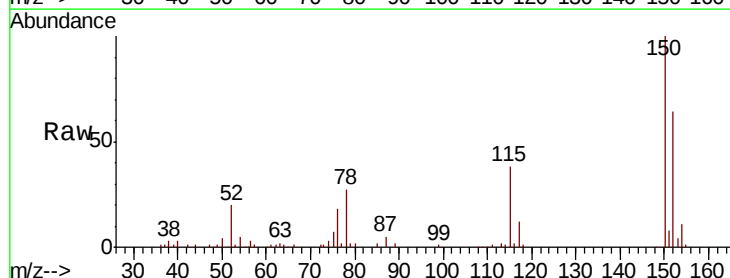
Acq: 15 Dec 2020 16:15

Tgt Ion: 75 Resp: 5315

Ion Ratio Lower Upper

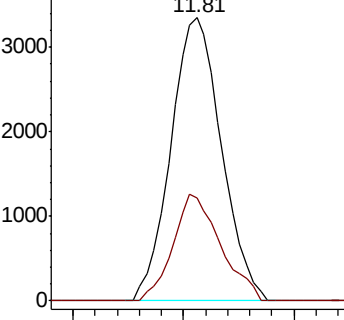
75 100

77 35.5 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->

