

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122920\
 Data File : VU041830.D
 Acq On : 29 Dec 2020 11:43
 Operator : SY/MD
 Sample : VU1229WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK13

Quant Time: Dec 30 01:49:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 30 01:48:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	159329	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	153494	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	66859	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	59753	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.92	69	55193	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.40%
11) 1,1-Dichloroethene-d2	2.57	63	90112	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	4.66	46	150598	42.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.18%
24) Chloroform-d	5.08	84	103157	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.72	65	57800	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.74	84	205919	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.70	67	63871	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.90	98	178973	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.19	79	26455	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.64	63	143181	42.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.54%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	58249	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	66887	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

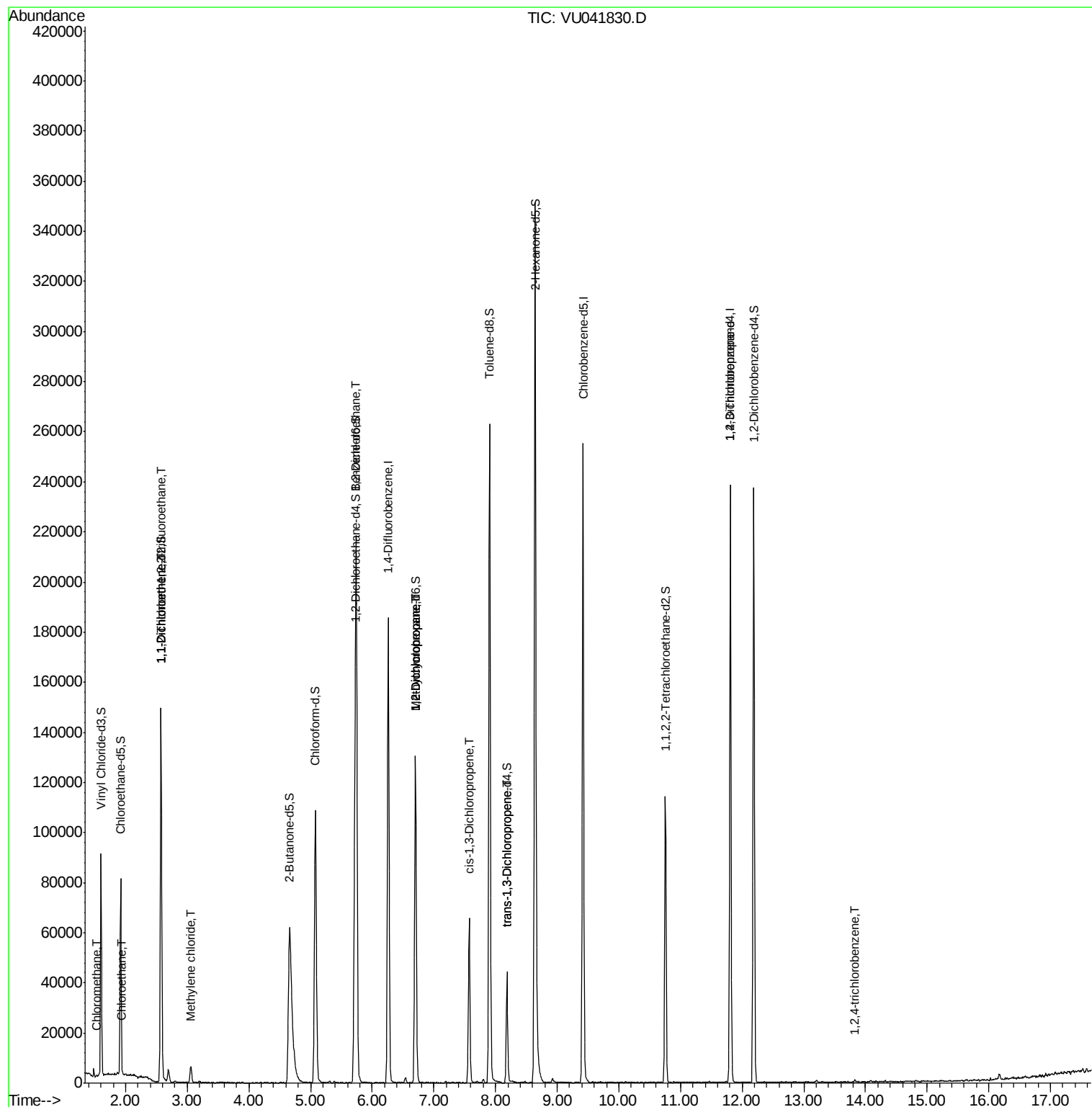
					Ovalue
3) Chloromethane	1.52	50	617	0.047 ug/L #	80
8) Chloroethane	1.95	64	413	0.042 ug/L #	62
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	797	0.073 ug/L #	22
12) 1,1-Dichloroethene	2.57	96	739	0.068 ug/L #	1
16) Methylene chloride	3.06	84	3466	0.269 ug/L	94
27) 1,2-Dichloroethane	5.74	62	1206	0.085 ug/L #	73
35) Methylcyclohexane	6.70	83	15823	0.794 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	6487	0.517 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1487	0.080 ug/L #	64
44) trans-1,3-Dichloropropene	8.18	75	1128	0.068 ug/L #	51
59) 1,2,3-Trichloropropane	11.81	75	7274	0.771 ug/L	93
68) 1,2,4-trichlorobenzene	13.83	180	513	0.039 ug/L #	66

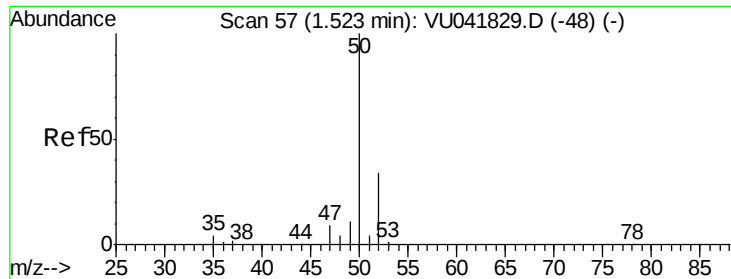
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 30 01:48:43 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.047 ug/L

RT: 1.52 min Scan# 56

Delta R.T. -0.00 min

Lab File: VU041830.D

Acq: 29 Dec 2020 11:43

Instrument :

MSVOA_U

ClientSampleId :

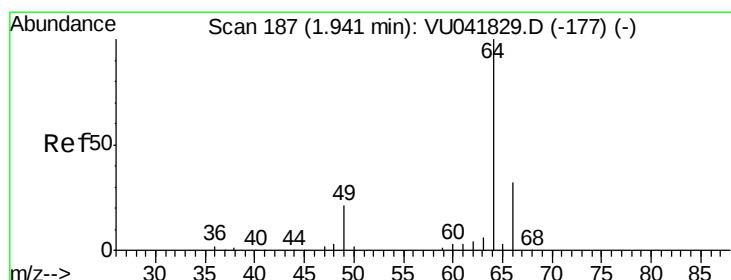
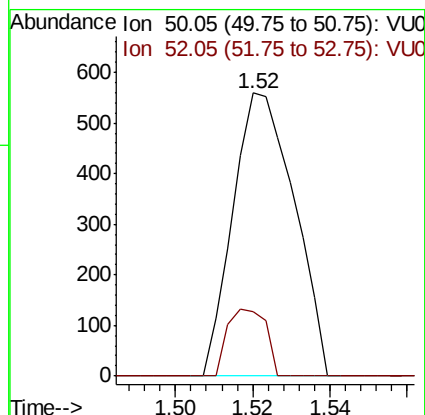
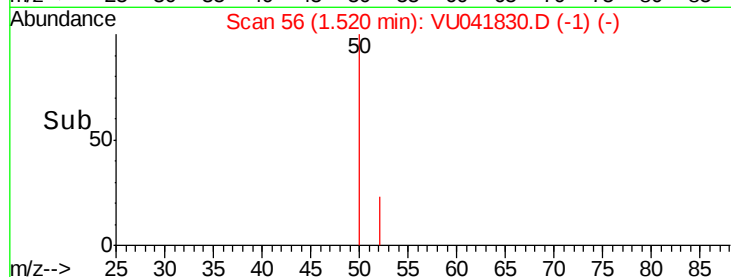
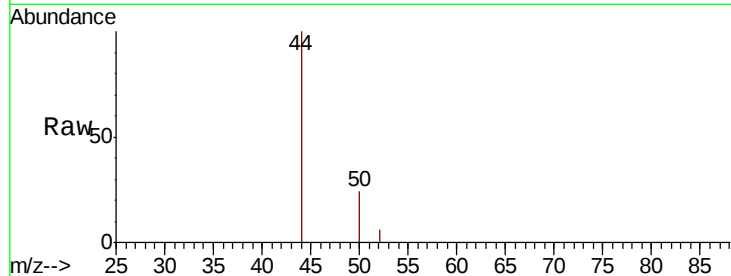
VBLK13

Tot Ion: 50 Resp: 617

Ion Ratio Lower Upper

50 100

52 22.9 24.1 44.8#



#8

Chloroethane

Concen: 0.042 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.01 min

Lab File: VU041830.D

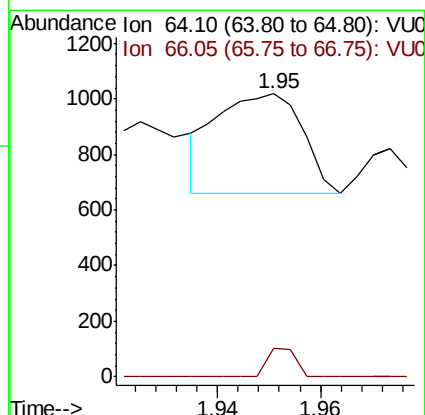
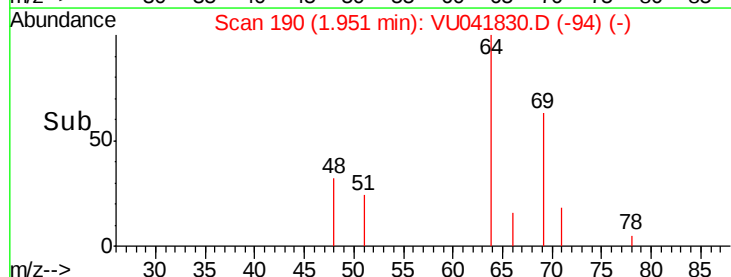
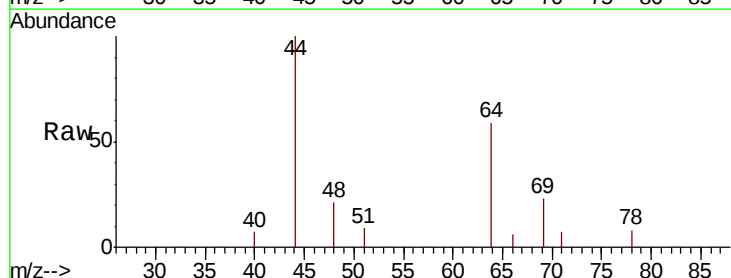
Acq: 29 Dec 2020 11:43

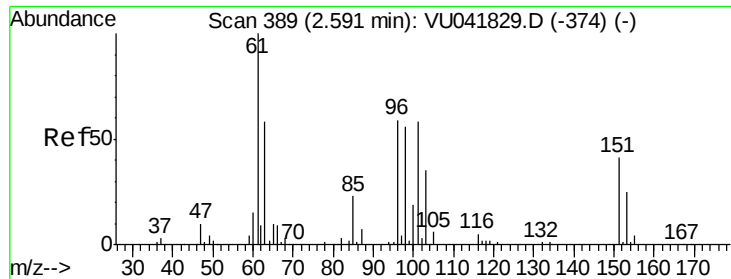
Tgt Ion: 64 Resp: 413

Ion Ratio Lower Upper

64 100

66 9.9 21.6 40.0#





#10

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

Concen: 0.073 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU041830.D

Acq: 29 Dec 2020 11:43

Instrument :

MSVOA_U

ClientSampleId :

VBLK13

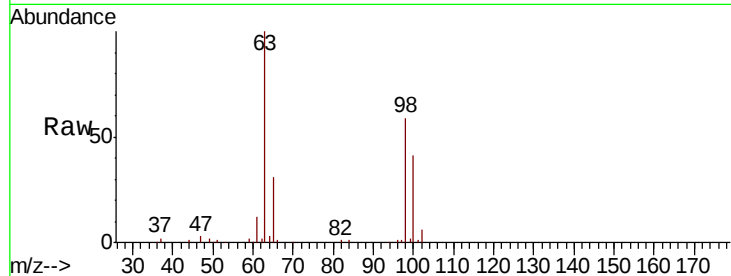
Tot Ion:101 Resp: 797

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

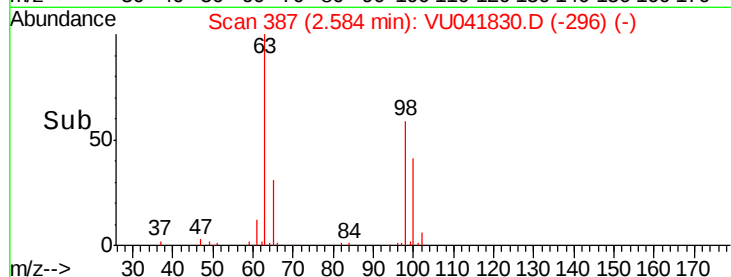
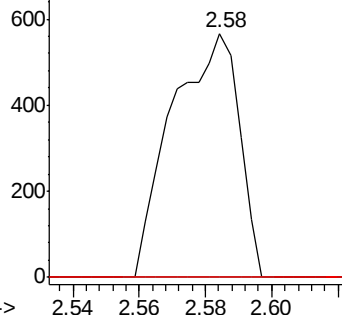
151 0.0 56.2 84.4#



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: 0.068 ug/L

RT: 2.57 min Scan# 383

Delta R.T. -0.02 min

Lab File: VU041830.D

Acq: 29 Dec 2020 11:43

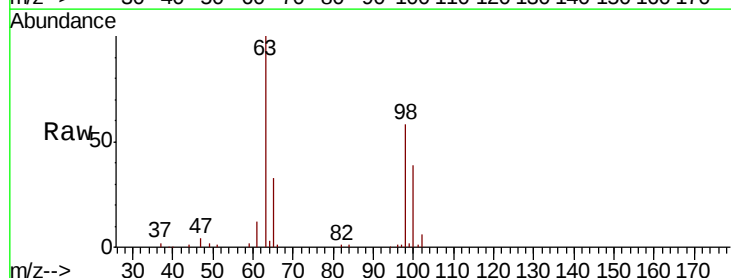
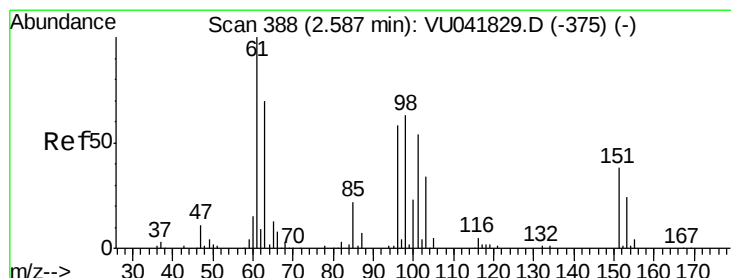
Tgt Ion: 96 Resp: 739

Ion Ratio Lower Upper

96 100

61 1374.4 123.8 230.0#

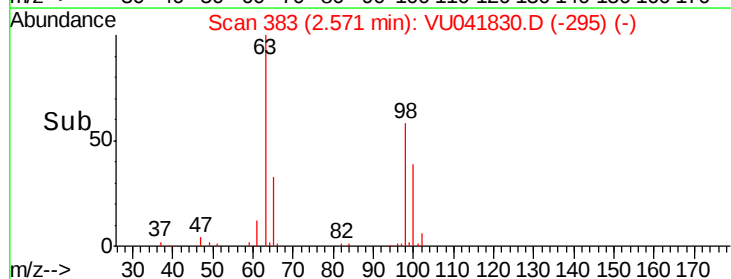
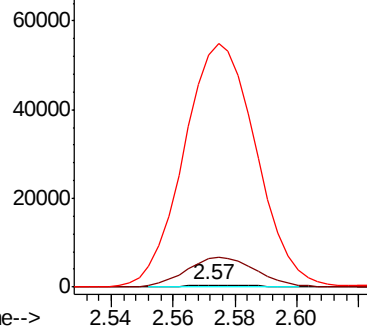
63 11200.0 81.0 150.4#

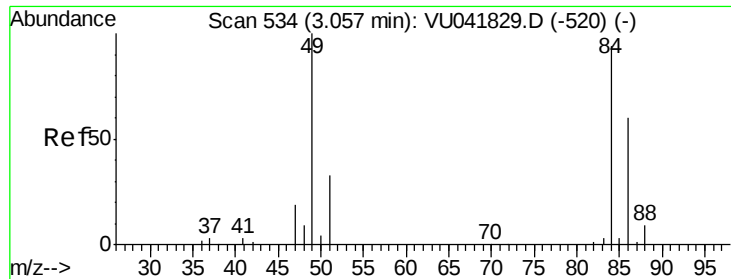


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

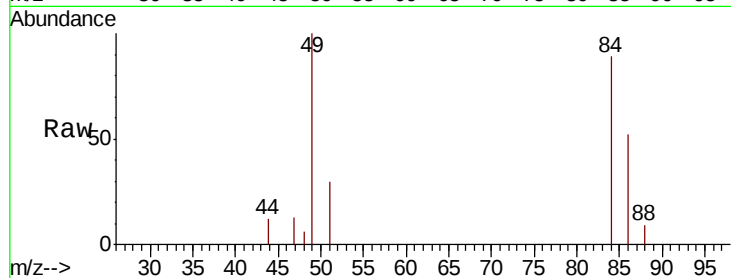




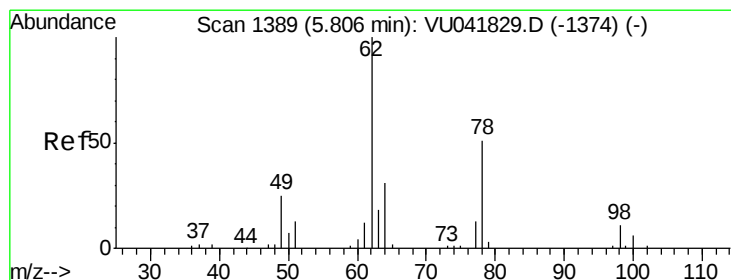
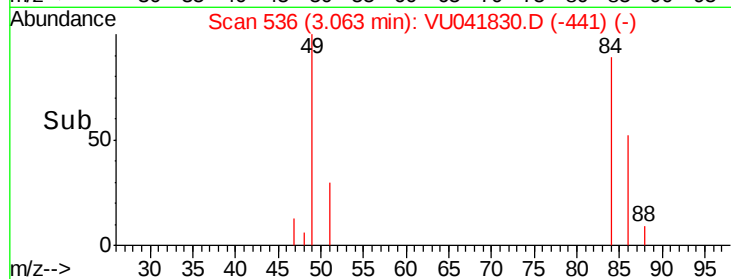
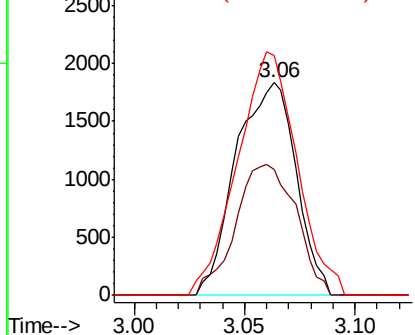
#16
Methylene chloride
Concen: 0.269 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.01 min
Lab File: VU041830.D
Acq: 29 Dec 2020 11:43

Instrument :
MSVOA_U
ClientSampled :
VBLK13

Tot Ion: 84 Resp: 3466
Ion Ratio Lower Upper
84 100
86 59.0 45.1 83.7
49 112.9 83.1 154.3

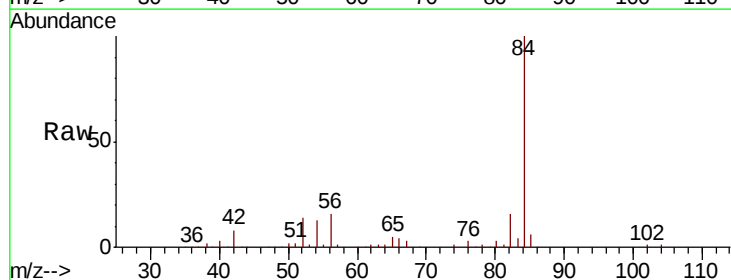


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

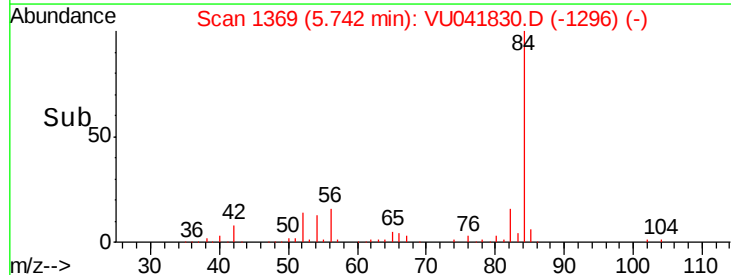
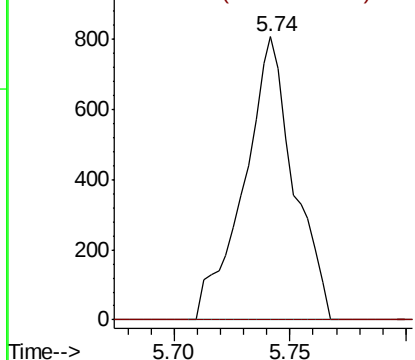


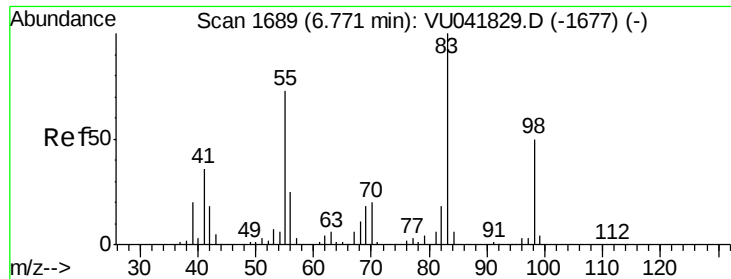
#27
1,2-Dichloroethane
Concen: 0.085 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.06 min
Lab File: VU041830.D
Acq: 29 Dec 2020 11:43

Tgt Ion: 62 Resp: 1206
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

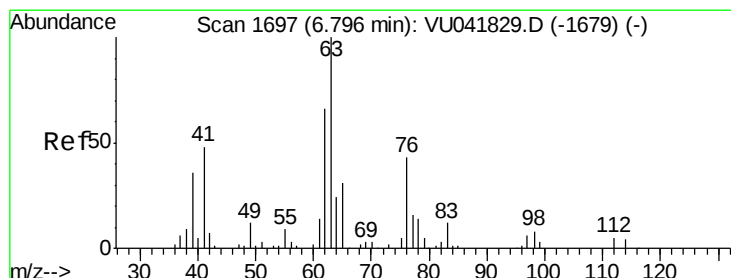
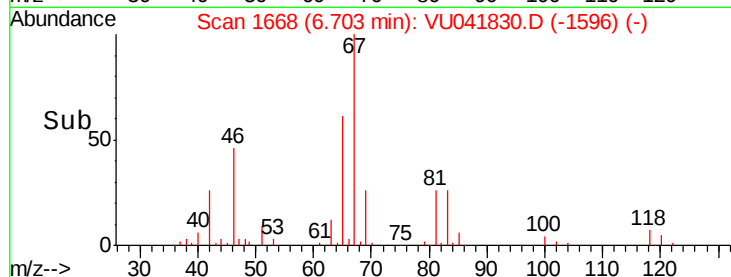
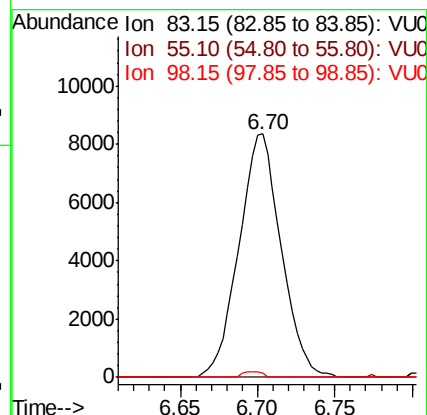
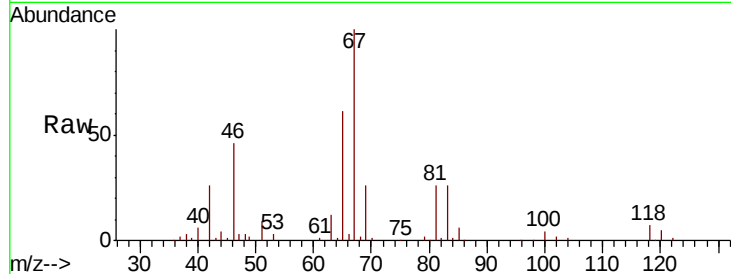




#35
Methvlcvclohexane
Concen: 0.794 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041830.D
Acq: 29 Dec 2020 11:43

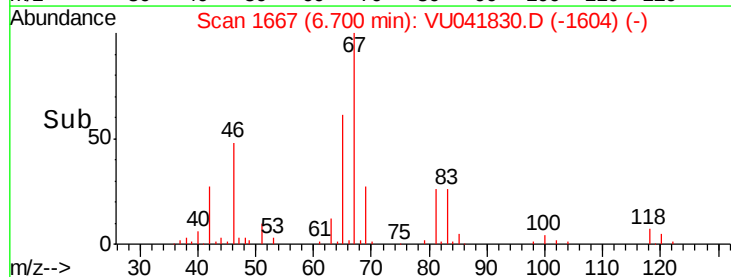
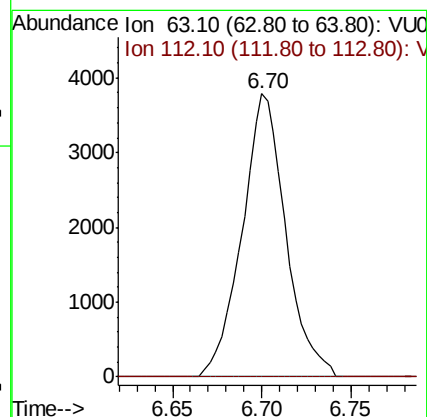
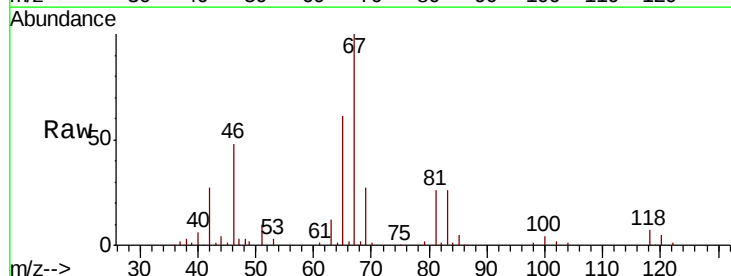
Instrument :
MSVOA_U
ClientSampled :
VBLK13

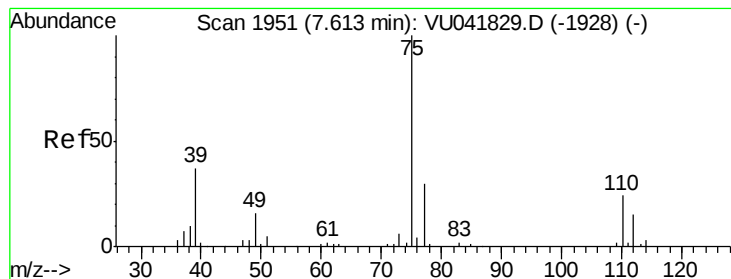
Tot Ion: 83 Resp: 15823
Ion Ratio Lower Upper
83 100
55 0.1 61.2 91.8#
98 1.0 36.6 54.8#



#37
1,2-Dichloropropane
Concen: 0.517 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041830.D
Acq: 29 Dec 2020 11:43

Tgt Ion: 63 Resp: 6487
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



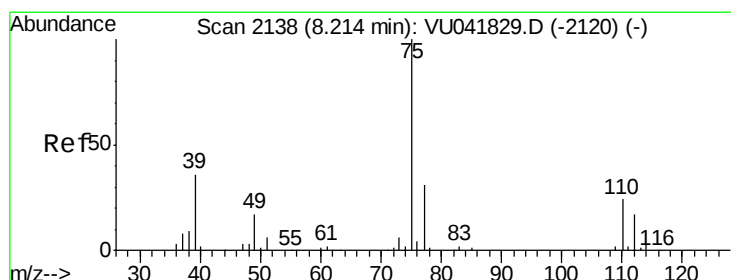
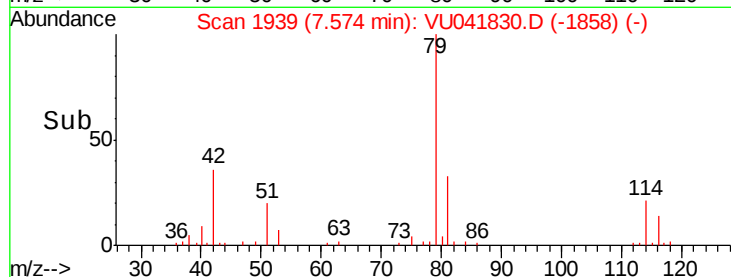
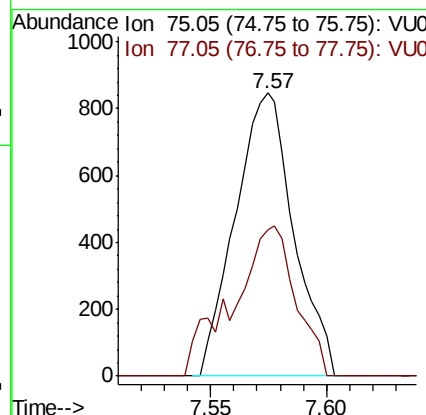
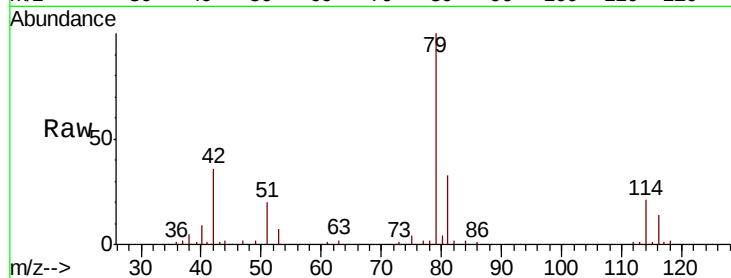


#39

cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041830.D
 Acq: 29 Dec 2020 11:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK13

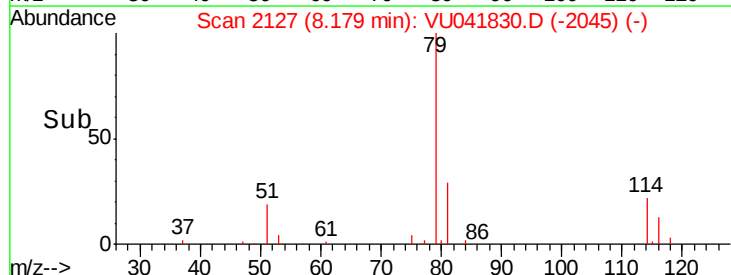
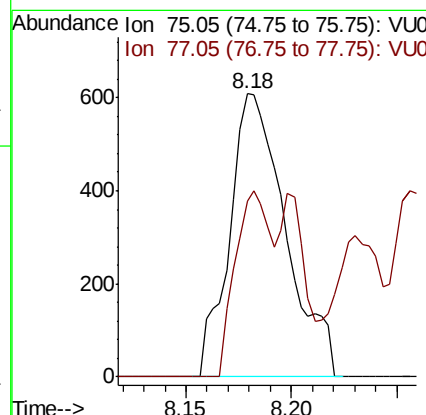
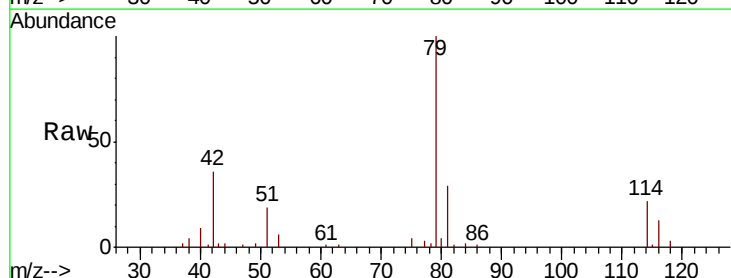
Tot Ion: 75 Resp: 1487
 Ion Ratio Lower Upper
 75 100
 77 51.9 22.3 41.3#

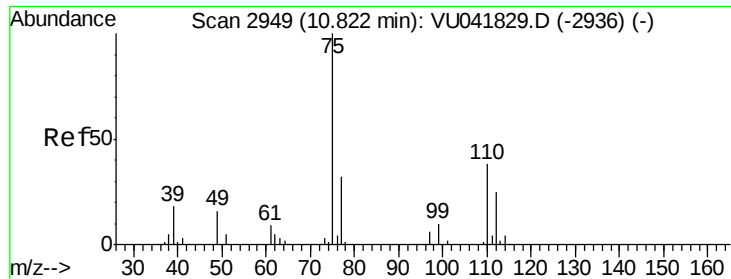


#44

trans-1,3-Dichloropropene
 Concen: 0.068 ug/L
 RT: 8.18 min Scan# 2127
 Delta R.T. -0.04 min
 Lab File: VU041830.D
 Acq: 29 Dec 2020 11:43

Tgt Ion: 75 Resp: 1128
 Ion Ratio Lower Upper
 75 100
 77 62.2 23.8 44.2#





#59

1,2,3-Trichloropropane

Concen: 0.771 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041830.D

Acq: 29 Dec 2020 11:43

Instrument :

MSVOA_U

ClientSampled :

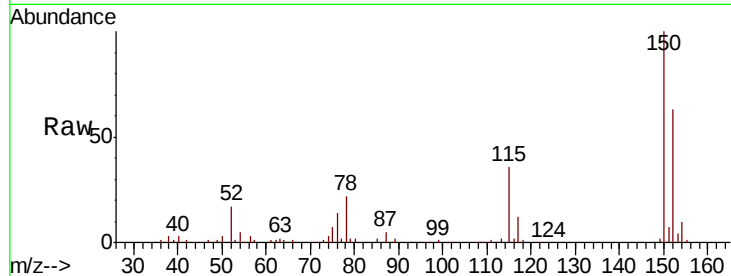
VBLK13

Tot Ion: 75 Resp: 7274

Ion Ratio Lower Upper

75 100

77 28.9 26.2 39.2

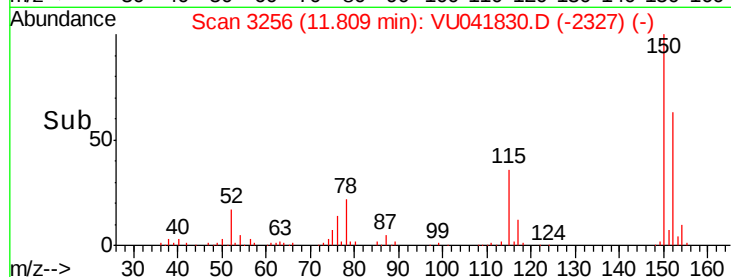


Abundance Ion 75.00 (74.70 to 75.70): VU041829.D (-2936) (-)

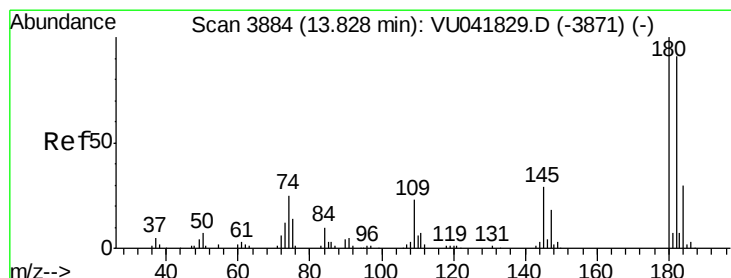
Ion 77.00 (76.70 to 77.70): VU041829.D (-2936) (-)

11.81

Time-->



Time-->



#68

1,2,4-trichlorobenzene

Concen: 0.039 ug/L

RT: 13.83 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VU041830.D

Acq: 29 Dec 2020 11:43

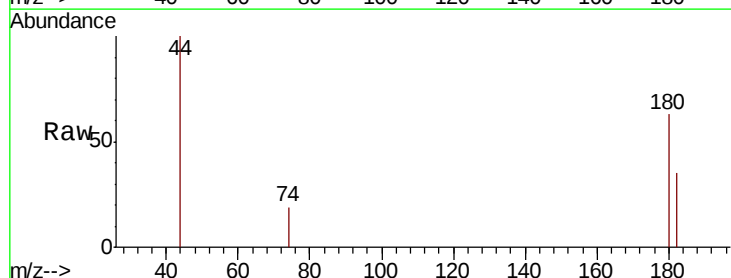
Tgt Ion: 180 Resp: 513

Ion Ratio Lower Upper

180 100

182 67.8 75.4 113.0#

145 0.0 24.5 36.7#



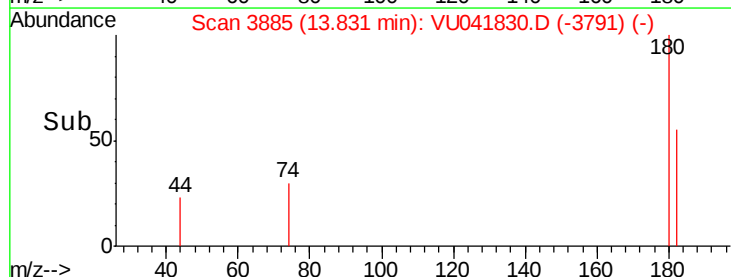
Abundance Ion 179.90 (179.60 to 180.60): VU041829.D (-3871) (-)

Ion 182.00 (181.70 to 182.70): VU041829.D (-3871) (-)

Ion 144.95 (144.65 to 145.65): VU041829.D (-3871) (-)

13.83

Time-->



Time-->