

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121220\
 Data File : VU041580.D
 Acq On : 12 Dec 2020 20:57
 Operator : SY/MD
 Sample : VU1212WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK03

Quant Time: Dec 13 11:27:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Dec 13 11:26:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	154062	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	144160	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	71333	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	58997	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.92	69	46892	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.58	63	84158	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	4.65	46	188372	54.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.90%
24) Chloroform-d	5.08	84	97778	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.72	65	58427	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.74	84	210626	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.70	67	66161	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.91	98	182495	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	8.19	79	28411	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.64	63	163412	51.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	59272	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	66241	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

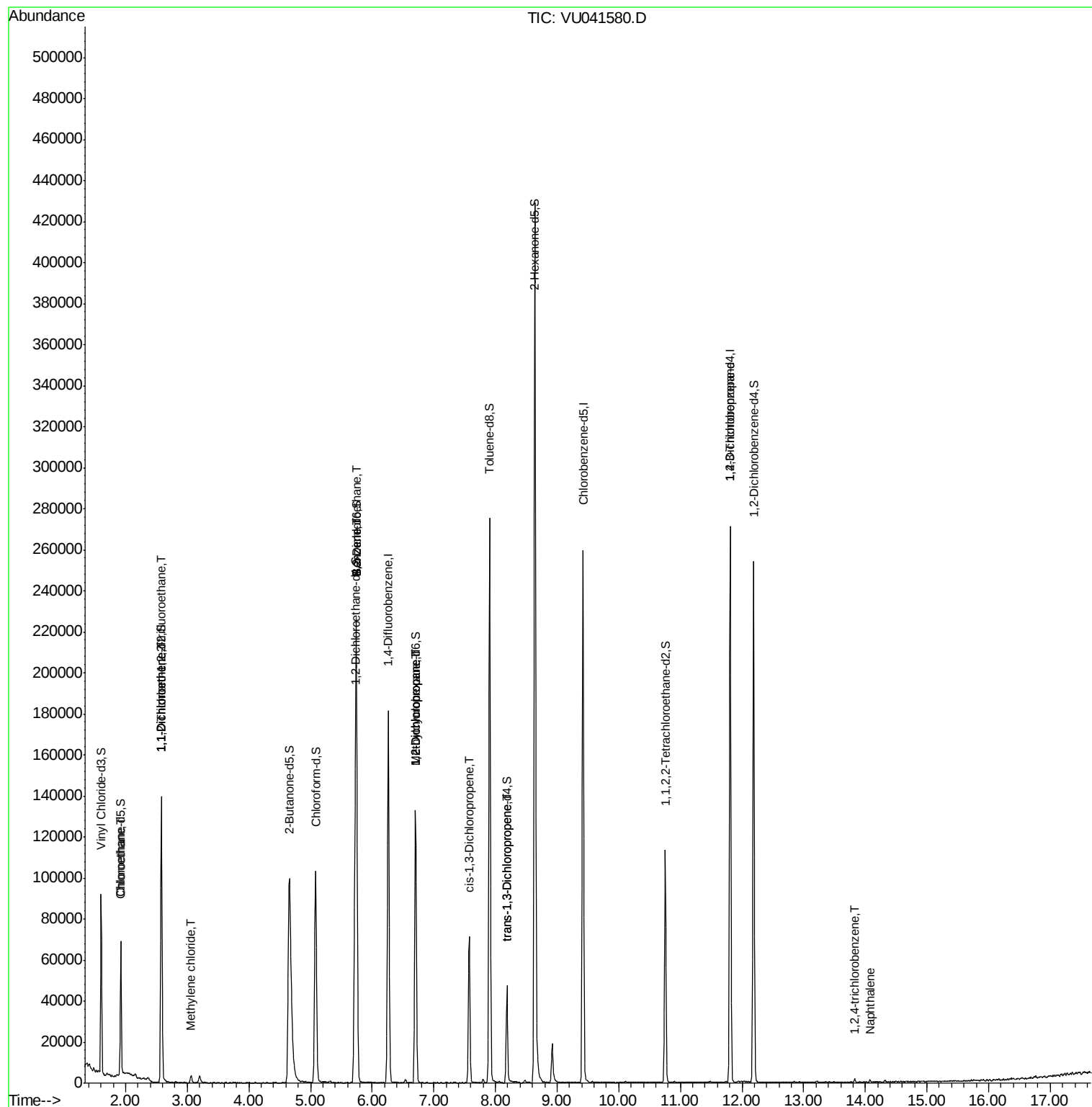
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.93	64	2421	0.255	ug/L #	57
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	699	0.066	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	753	0.072	ug/L #	1
16) Methylene chloride	3.06	84	1808	0.145	ug/L	85
27) 1,2-Dichloroethane	5.74	62	1023	0.074	ug/L #	73
33) Benzene	5.74	78	1594	0.035	ug/L	100
35) Methylcyclohexane	6.70	83	14654	0.782	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	6381	0.541	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1593	0.091	ug/L #	51
44) trans-1,3-Dichloropropene	8.19	75	1267	0.081	ug/L #	76
59) 1,2,3-Trichloropropane	11.81	75	8924	1.008	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	676	0.049	ug/L #	92
69) Naphthalene	14.08	128	1439	0.050	ug/L #	71

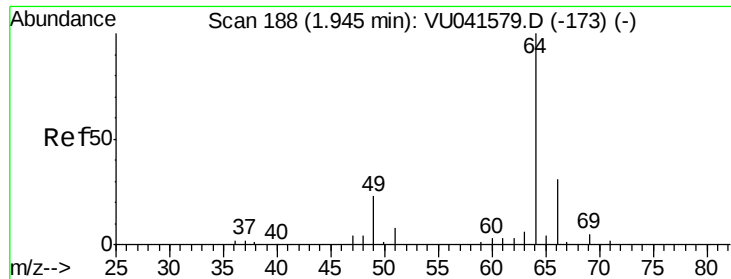
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

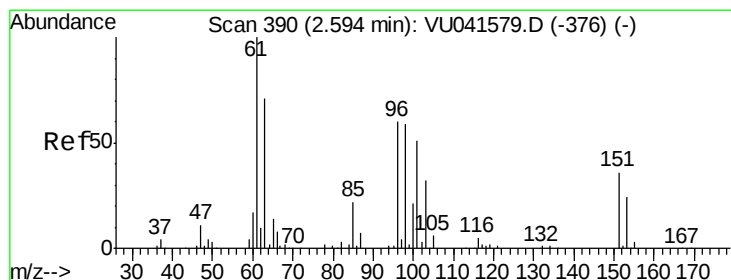
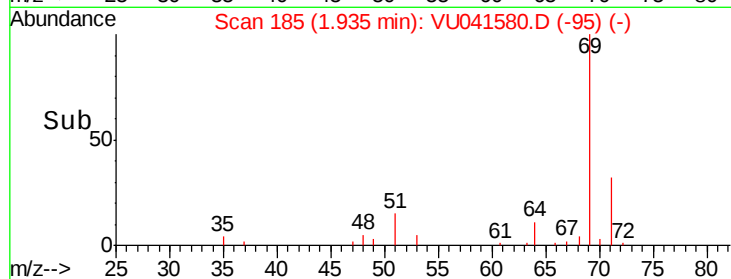
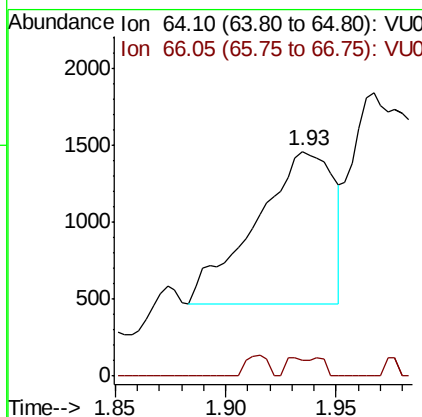
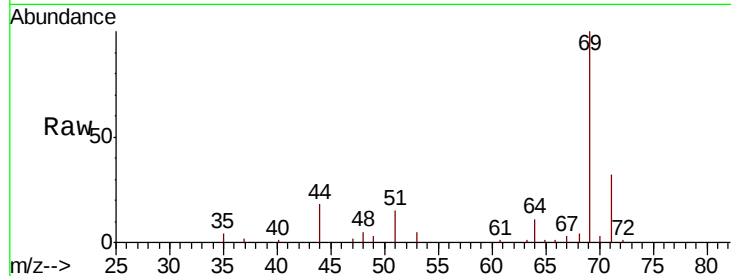




#8
 Chloroethane
 Concen: 0.255 ug/L
 RT: 1.93 min Scan# 185
 Delta R.T. -0.01 min
 Lab File: VU041580.D
 Acq: 12 Dec 2020 20:57

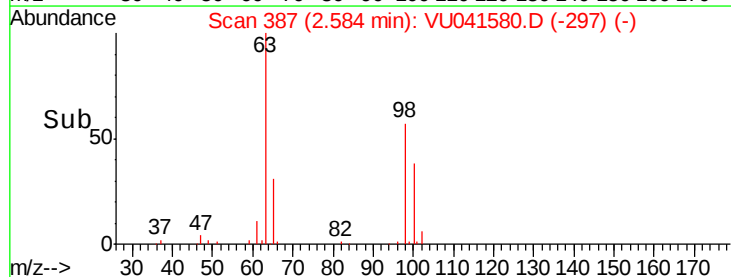
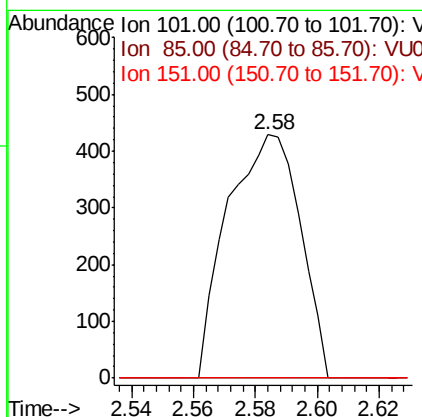
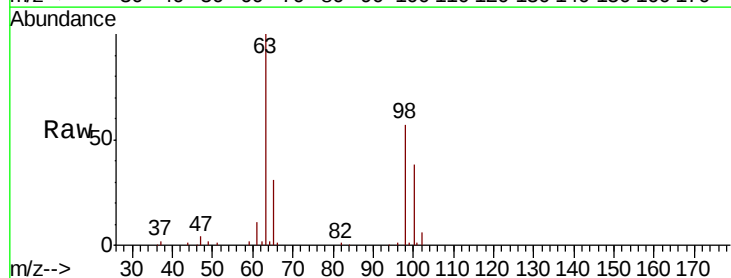
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK03

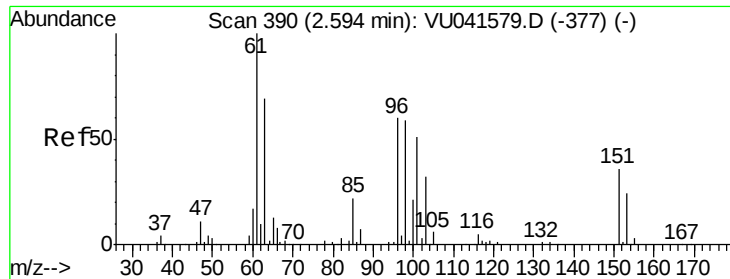
Tot Ion: 64 Resp: 2421
 Ion Ratio Lower Upper
 64 100
 66 7.3 21.6 40.0#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.066 ug/L
 RT: 2.58 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VU041580.D
 Acq: 12 Dec 2020 20:57

Tgt Ion: 101 Resp: 699
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.6 50.4#
 151 0.0 56.2 84.4#





#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU041580.D

Acq: 12 Dec 2020 20:57

Instrument :

MSVOA_U

ClientSampleId :

VBLK03

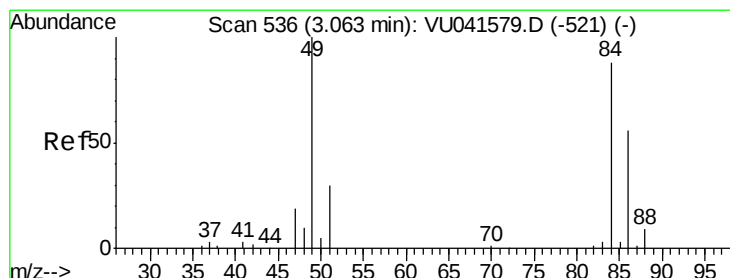
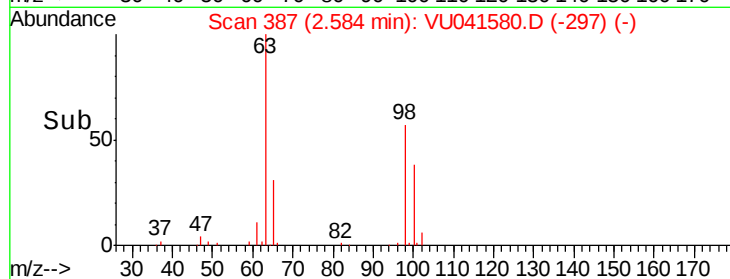
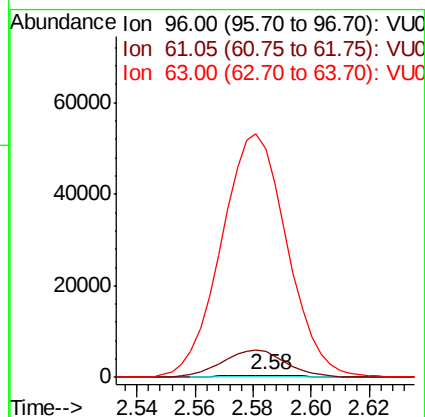
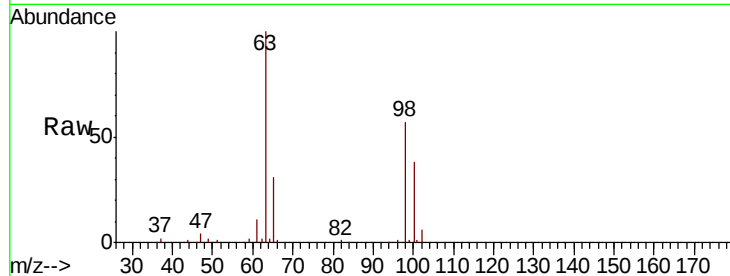
Tot Ion: 96 Resp: 753

Ion Ratio Lower Upper

96 100

61 1432.6 123.8 230.0#

63 12895.1 81.0 150.4#



#16

Methylene chloride

Concen: 0.145 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU041580.D

Acq: 12 Dec 2020 20:57

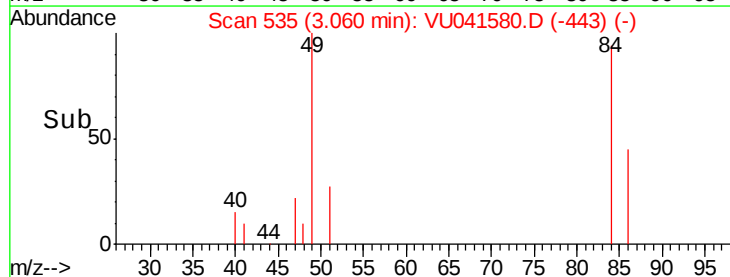
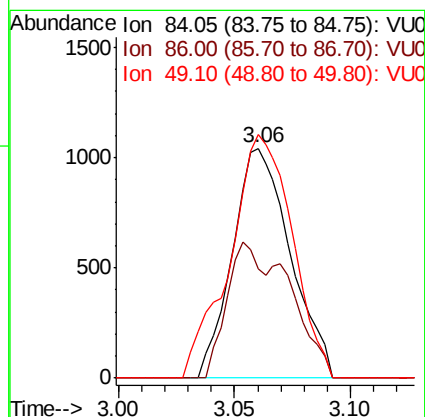
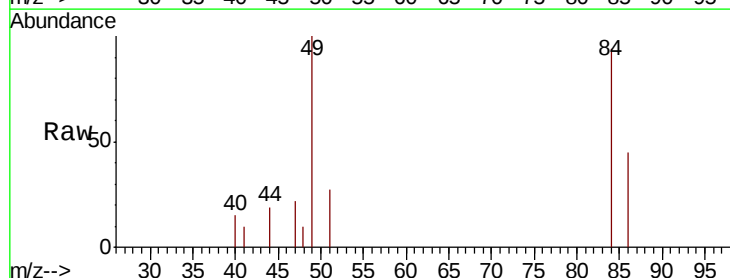
Tgt Ion: 84 Resp: 1808

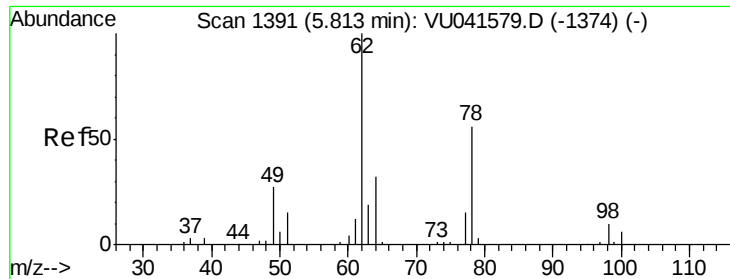
Ion Ratio Lower Upper

84 100

86 47.6 45.1 83.7

49 106.1 83.1 154.3

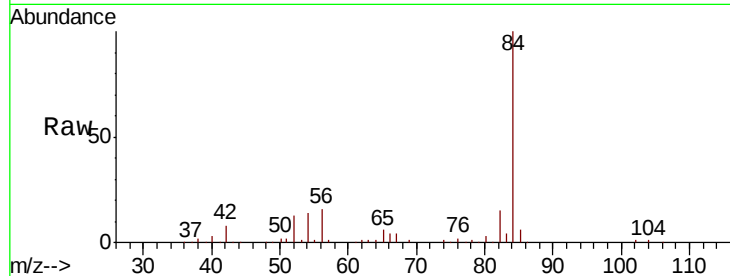




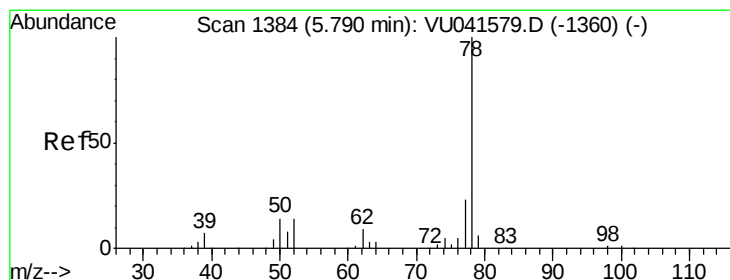
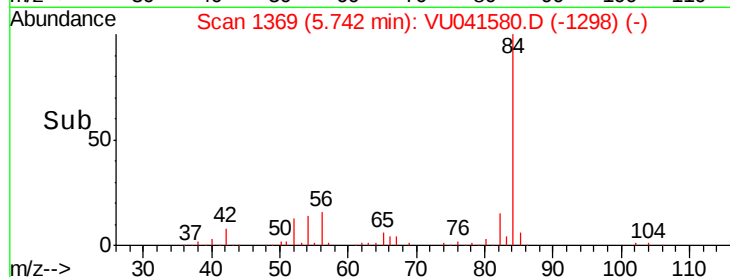
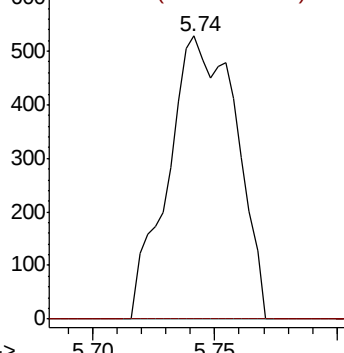
#27
 1,2-Dichloroethane
 Concen: 0.074 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.07 min
 Lab File: VU041580.D
 Acq: 12 Dec 2020 20:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK03

Tot Ion: 62 Resp: 1023
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#

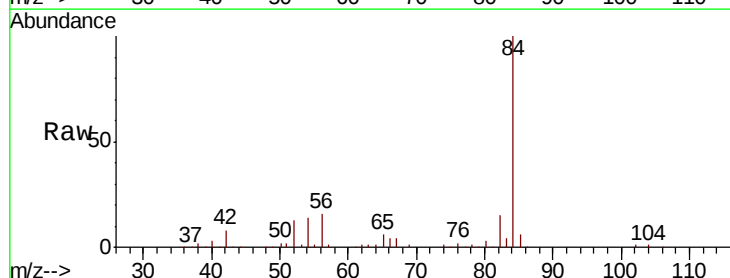


Abundance Ion 62.00 (61.70 to 62.70): VU0
 Ion 98.05 (97.75 to 98.75): VU0

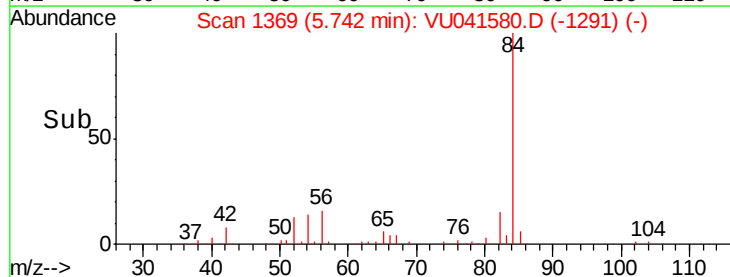
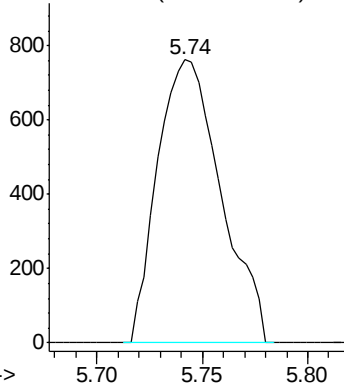


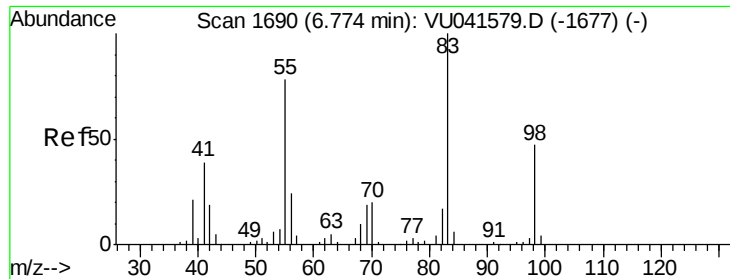
#33
 Benzene
 Concen: 0.035 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.05 min
 Lab File: VU041580.D
 Acq: 12 Dec 2020 20:57

Tgt Ion: 78 Resp: 1594



Abundance Ion 78.10 (77.80 to 78.80): VU0

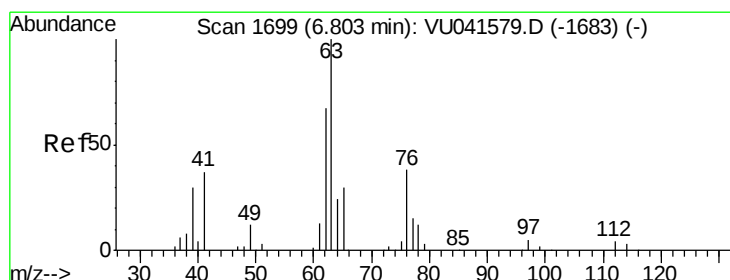
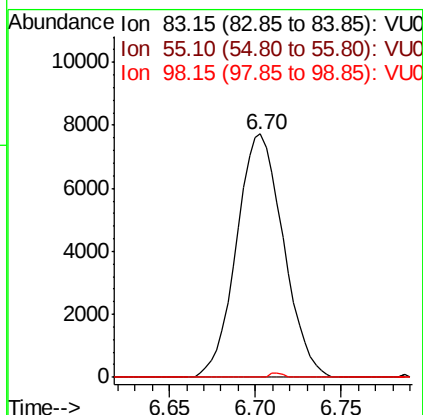
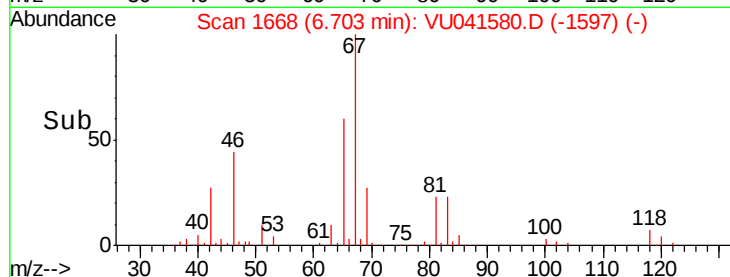
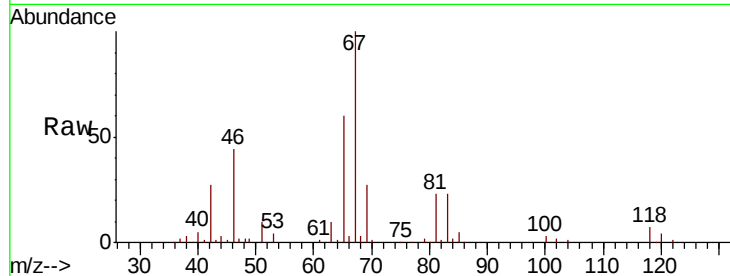




#35
Methylcyclohexane
Concen: 0.782 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041580.D
Acq: 12 Dec 2020 20:57

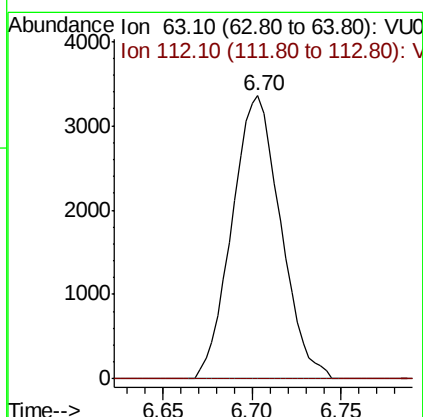
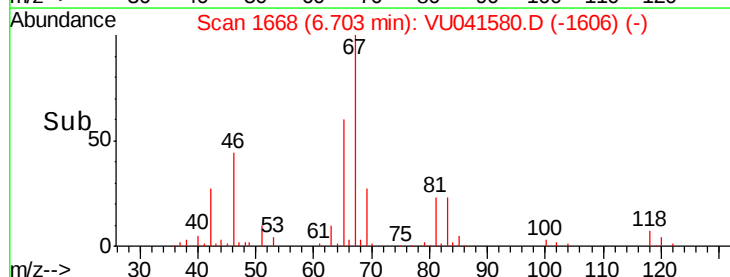
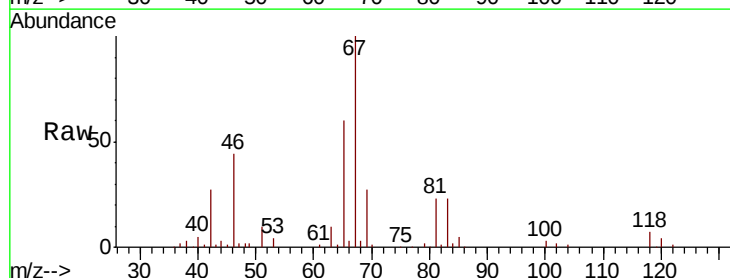
Instrument :
MSVOA_U
ClientSampleId :
VBLK03

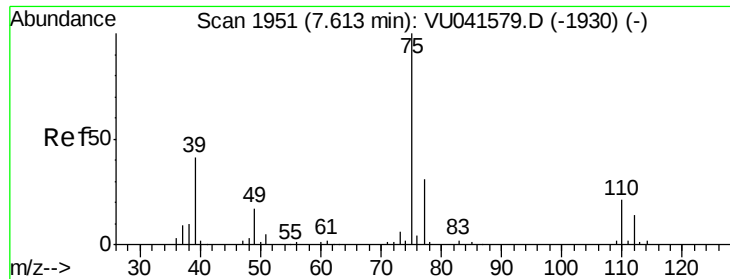
Tot Ion: 83 Resp: 14654
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.5 36.6 54.8#



#37
1,2-Dichloropropane
Concen: 0.541 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041580.D
Acq: 12 Dec 2020 20:57

Tgt Ion: 63 Resp: 6381
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



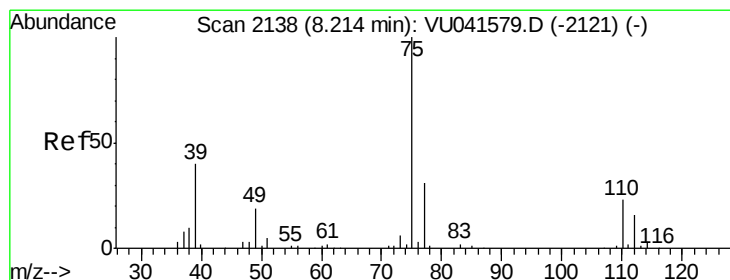
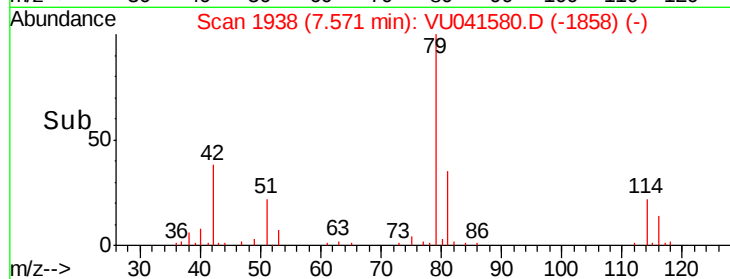
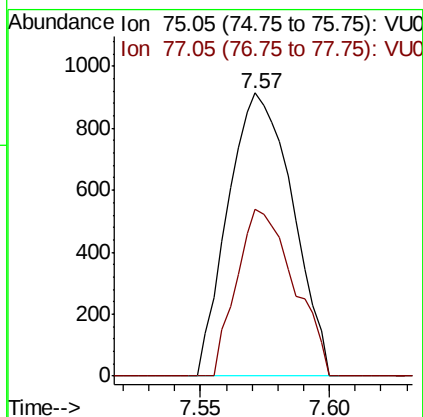
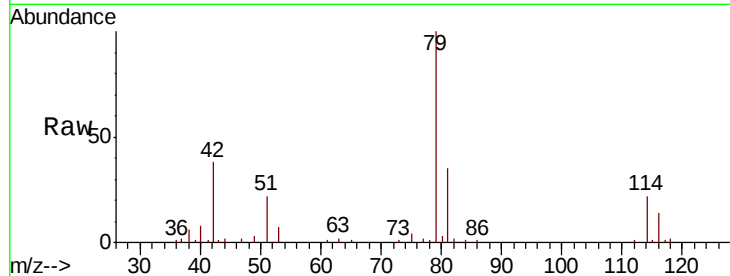


#39

cis-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041580.D
Acq: 12 Dec 2020 20:57

Instrument :
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ClientSampleId :
VBLK03

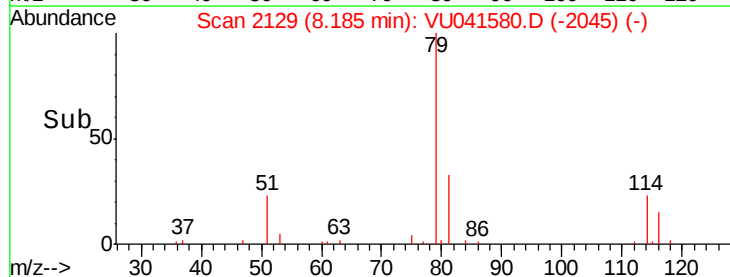
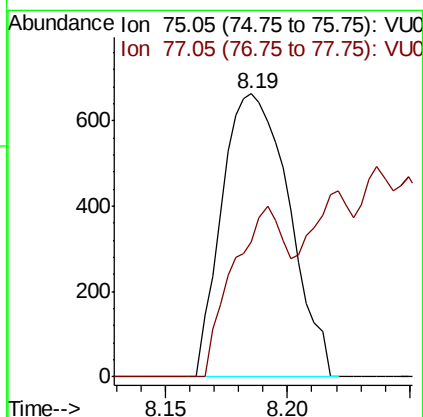
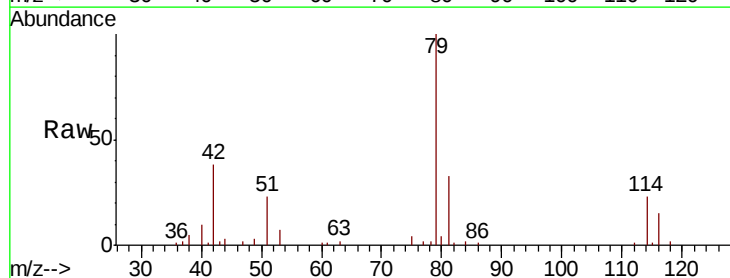
Tot Ion: 75 Resp: 1593
Ion Ratio Lower Upper
75 100
77 58.8 22.3 41.3#

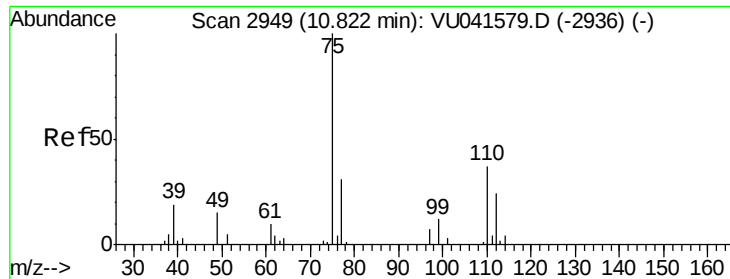


#44

trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041580.D
Acq: 12 Dec 2020 20:57

Tgt Ion: 75 Resp: 1267
Ion Ratio Lower Upper
75 100
77 47.5 23.8 44.2#





#59

1,2,3-Trichloropropane

Concen: 1.008 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041580.D

Acq: 12 Dec 2020 20:57

Instrument :

MSVOA_U

ClientSampleId :

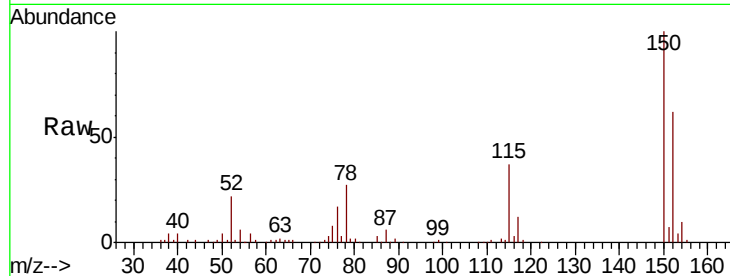
VBLK03

Tot Ion: 75 Resp: 8924

Ion Ratio Lower Upper

75 100

77 33.1 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU041579.D (-2936) (-)

Ion 77.00 (76.70 to 77.70): VU041579.D (-2936) (-)

11.81

6000

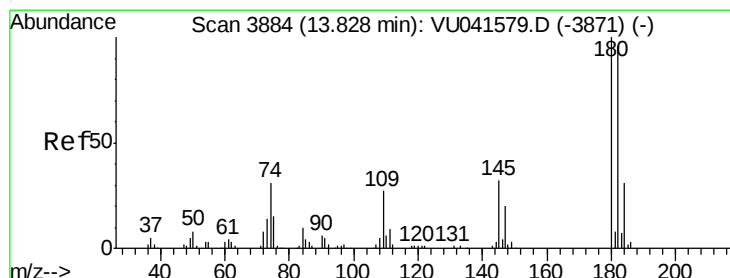
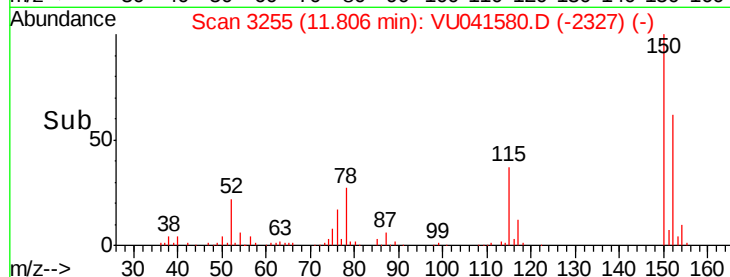
4000

2000

0

11.75 11.80 11.85

Time-->



#68

1,2,4-trichlorobenzene

Concen: 0.049 ug/L

RT: 13.83 min Scan# 3884

Delta R.T. -0.00 min

Lab File: VU041580.D

Acq: 12 Dec 2020 20:57

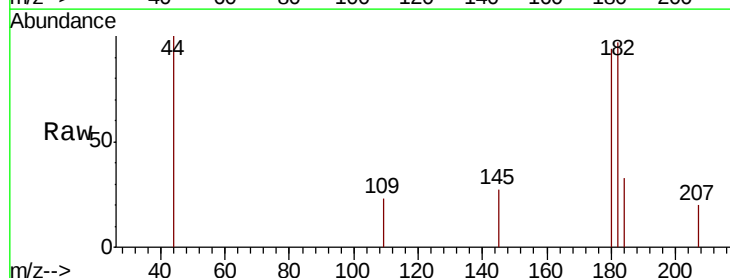
Tgt Ion: 180 Resp: 676

Ion Ratio Lower Upper

180 100

182 92.9 75.4 113.0

145 15.4 24.5 36.7#



Abundance Ion 179.90 (179.60 to 180.60): VU041579.D (-3871) (-)

Ion 182.00 (181.70 to 182.70): VU041579.D (-3871) (-)

Ion 144.95 (144.65 to 145.65): VU041579.D (-3871) (-)

13.83

600

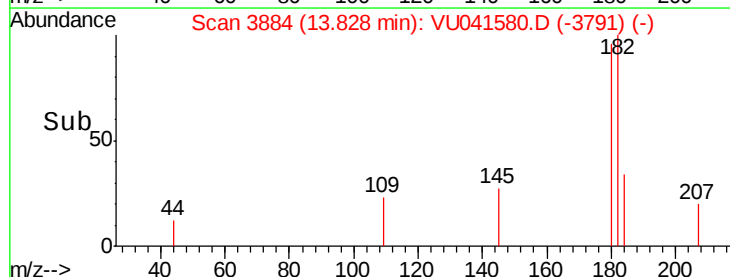
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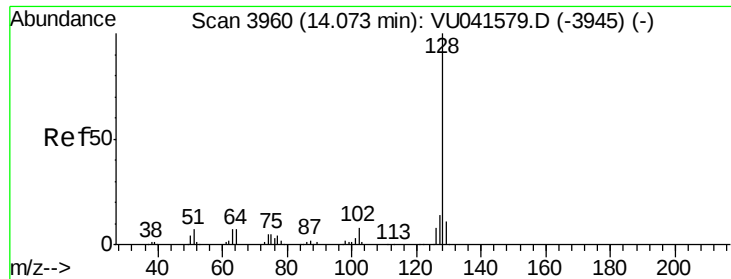
200

0

13.80 13.85

Time-->





#69

Napthalene

Concen: 0.050 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. 0.00 min

Lab File: VU041580.D

Acq: 12 Dec 2020 20:57

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ClientSampleId :

VBLK03

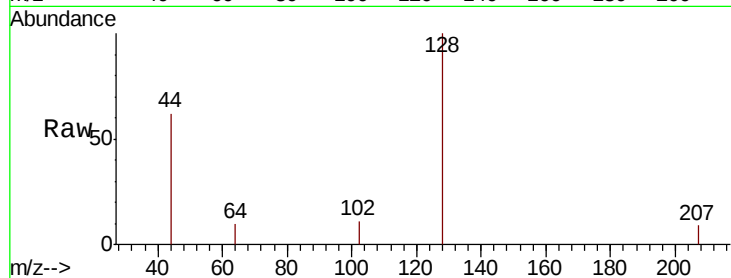
Tot Ion:128 Resp: 1439

Ion Ratio Lower Upper

128 100

129 1.4 8.7 13.1#

127 0.0 10.2 15.4#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

