

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040579.D
 Acq On : 09 Oct 2020 12:45
 Operator : SY/MD
 Sample : VU1009WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK99

Quant Time: Oct 10 04:20:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 10 04:13:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	136083	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	135893	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59995	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	53672	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.92	69	43826	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.58	63	81065	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.66	46	185702	51.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.92%
24) Chloroform-d	5.08	84	97985	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.72	65	61537	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.75	84	186899	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.70	67	61296	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.91	98	155897	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	8.19	79	24774	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.64	63	130642	49.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.36%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	51444	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	58863	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

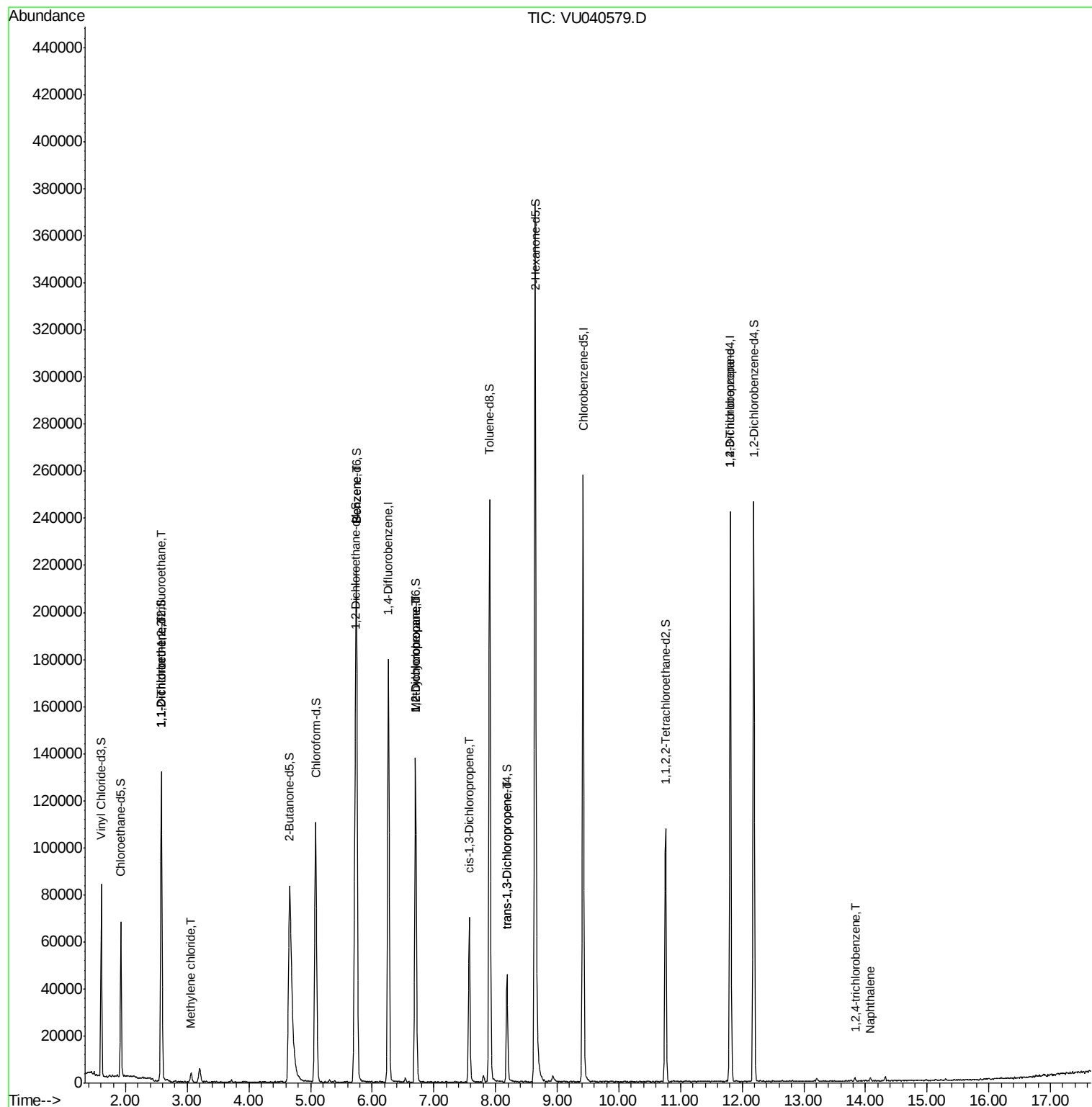
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	708	0.063	ug/L #	20
12) 1,1-Dichloroethene	2.58	96	559	0.058	ug/L #	1
16) Methylene chloride	3.06	84	1644	0.132	ug/L	84
33) Benzene	5.75	78	1544	0.035	ug/L	100
35) Methylcyclohexane	6.70	83	14226	0.886	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	7266	0.597	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1747	0.105	ug/L #	11
44) trans-1,3-Dichloropropene	8.18	75	1236	0.081	ug/L	87
59) 1,2,3-Trichloropropane	11.81	75	8513	0.953	ug/L	92
68) 1,2,4-trichlorobenzene	13.83	180	662	0.061	ug/L #	85
69) Naphthalene	14.08	128	1525	0.087	ug/L #	87

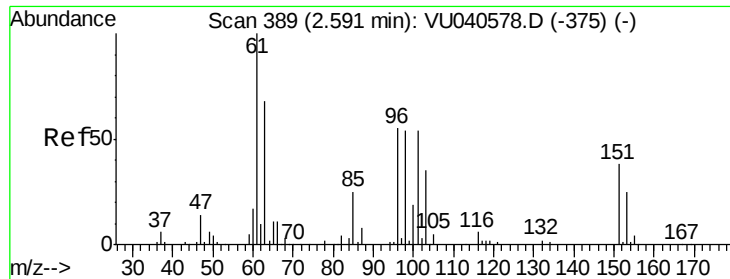
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.063 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU040579.D

Acq: 09 Oct 2020 12:45

Instrument :

MSVOA_U

ClientSampleId :

VBLK99

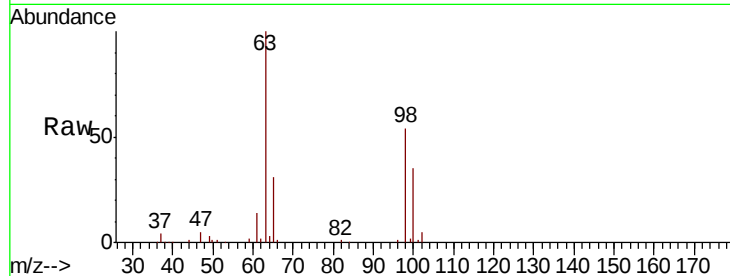
Tot Ion:101 Resp: 708

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

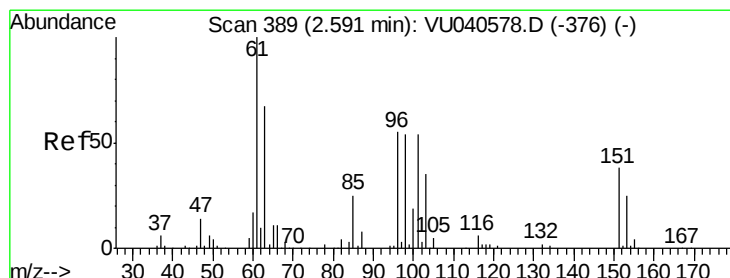
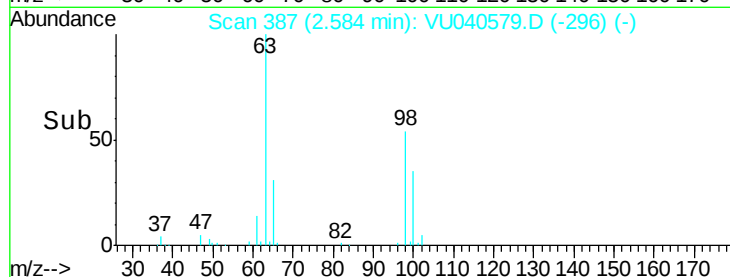
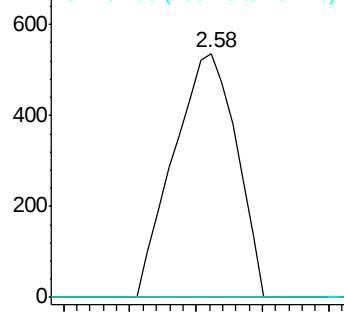
151 0.0 58.0 87.0#



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: 0.058 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU040579.D

Acq: 09 Oct 2020 12:45

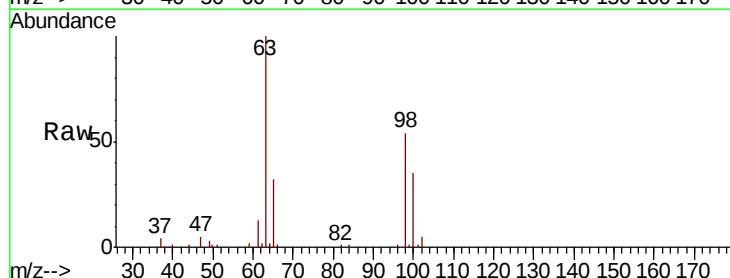
Tgt Ion: 96 Resp: 559

Ion Ratio Lower Upper

96 100

61 1598.0 128.8 239.2#

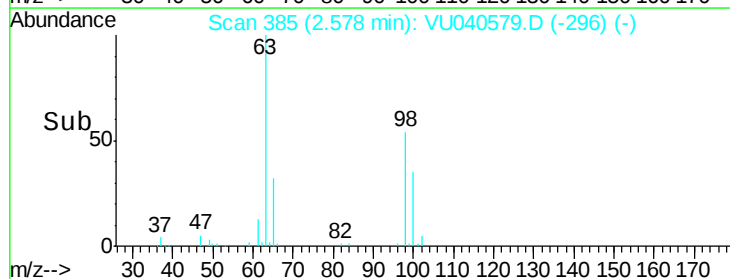
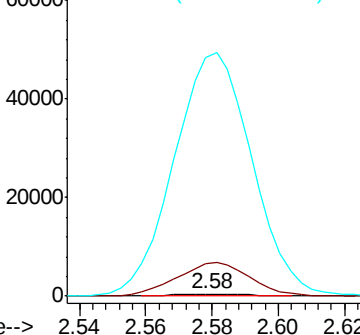
63 11876.5 84.6 157.2#

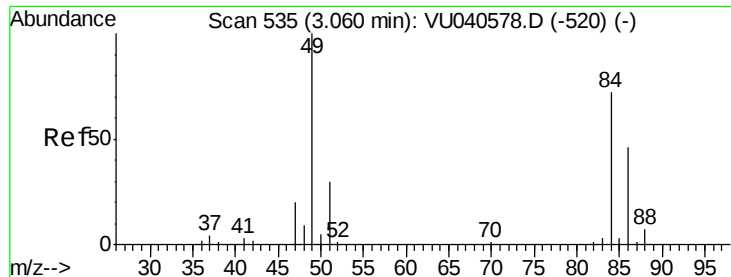


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

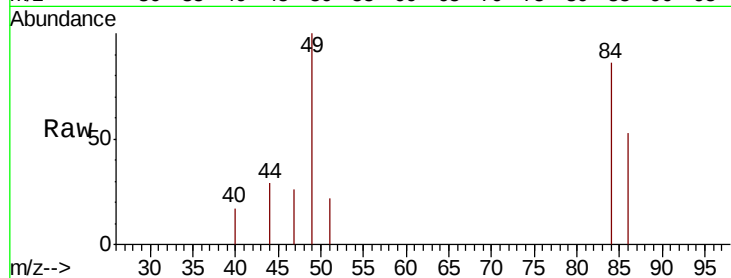




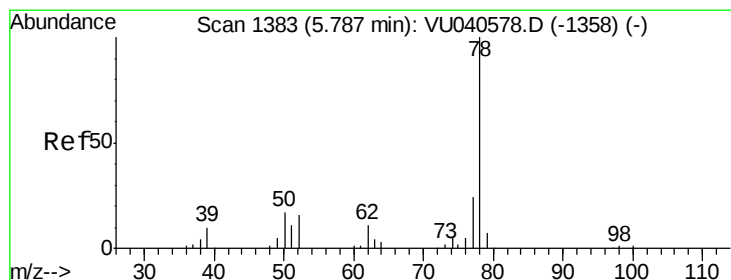
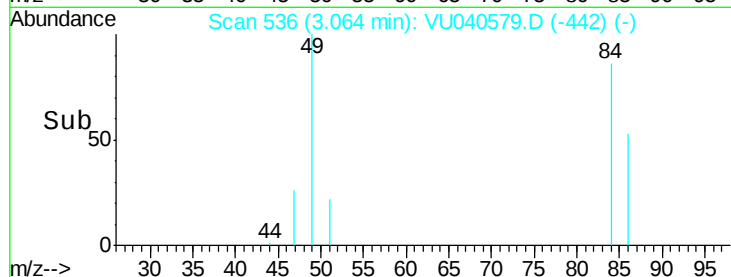
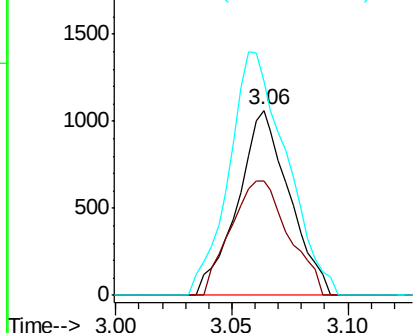
#16
Methvlene chloride
Concen: 0.132 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU040579.D
Acq: 09 Oct 2020 12:45

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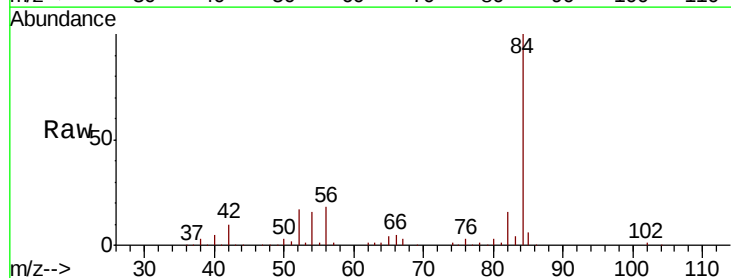
Tot Ion: 84 Resp: 1644
Ion Ratio Lower Upper
84 100
86 61.9 45.4 84.4
49 116.1 99.8 185.3



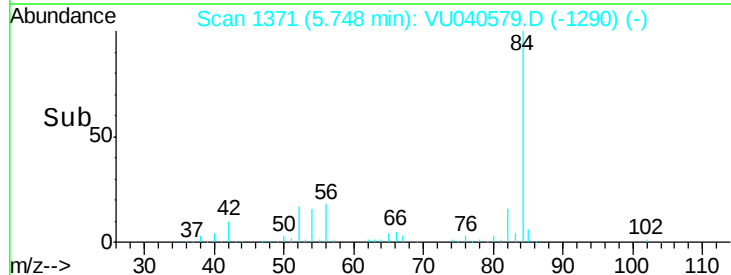
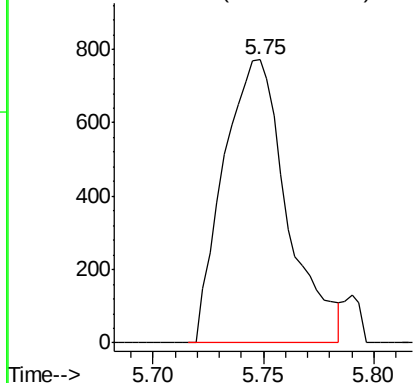
Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

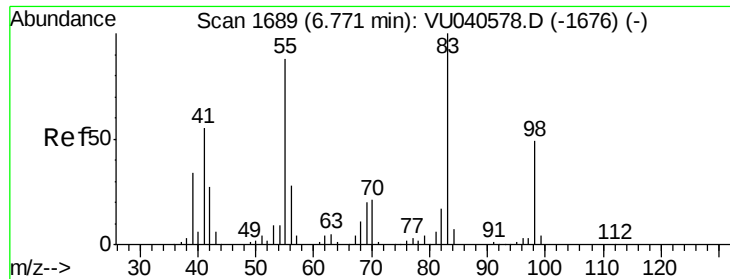


#33
Benzene
Concen: 0.035 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.04 min
Lab File: VU040579.D
Acq: 09 Oct 2020 12:45
Tgt Ion: 78 Resp: 1544



Abundance Ion 78.10 (77.80 to 78.80): VU0

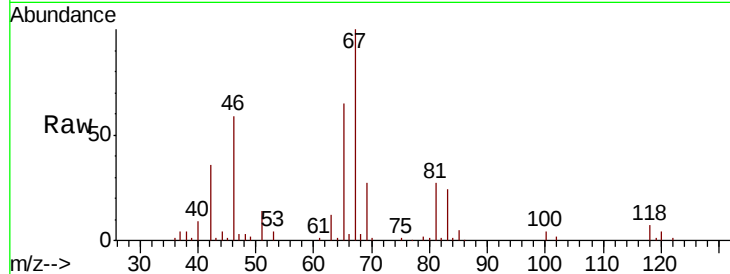




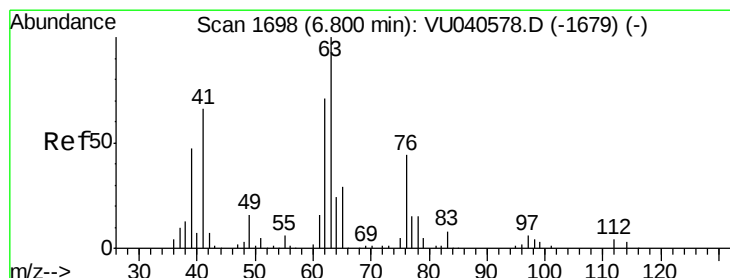
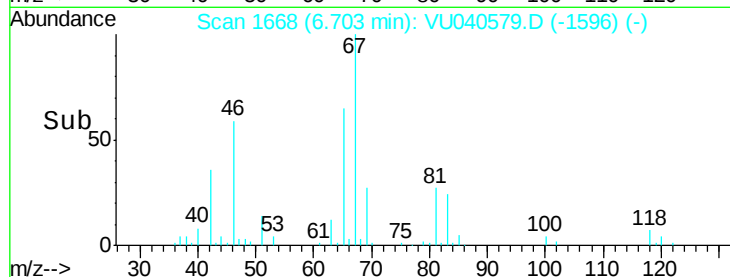
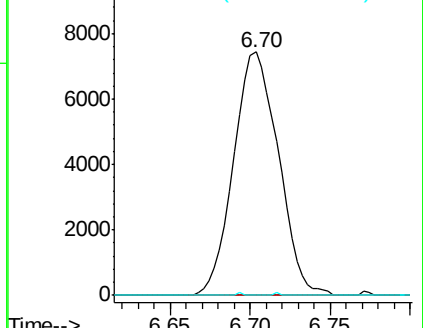
#35
Methvlcvclohexane
Concen: 0.886 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040579.D
Acq: 09 Oct 2020 12:45

Instrument :
MSVOA_U
ClientSampleId :
VBLK99

Tot Ion: 83 Resp: 14226
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.1 38.4 57.6#

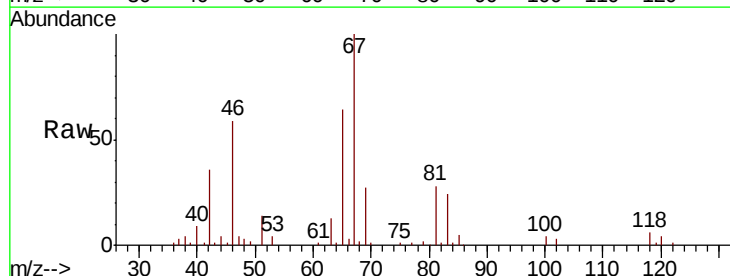


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

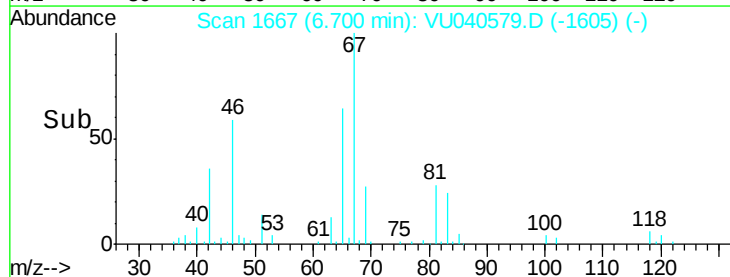
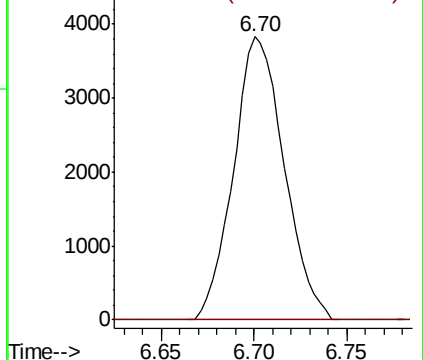


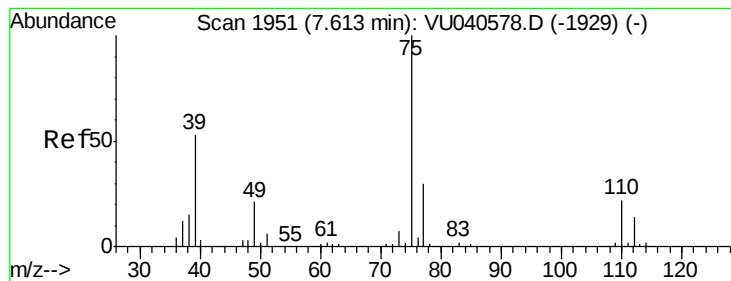
#37
1,2-Dichloropropane
Concen: 0.597 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040579.D
Acq: 09 Oct 2020 12:45

Tgt Ion: 63 Resp: 7266
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



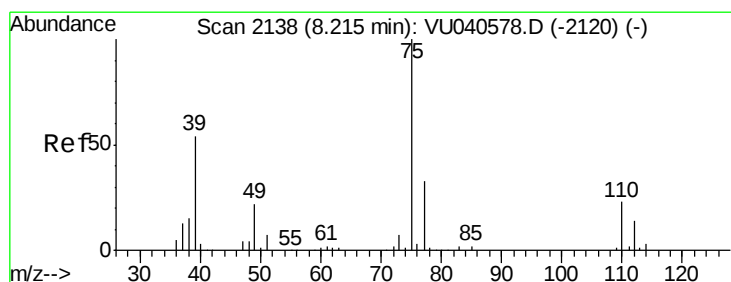
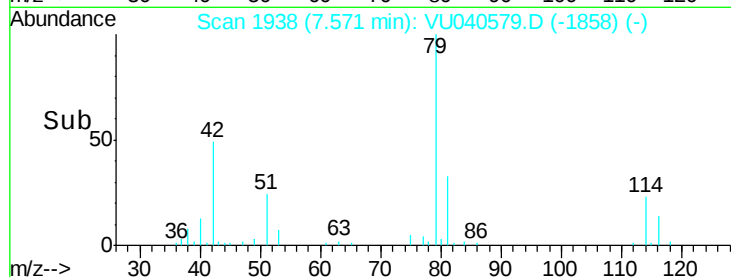
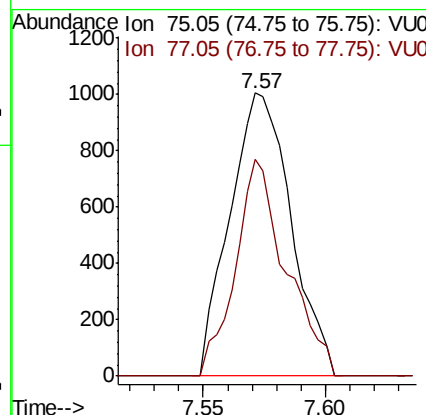
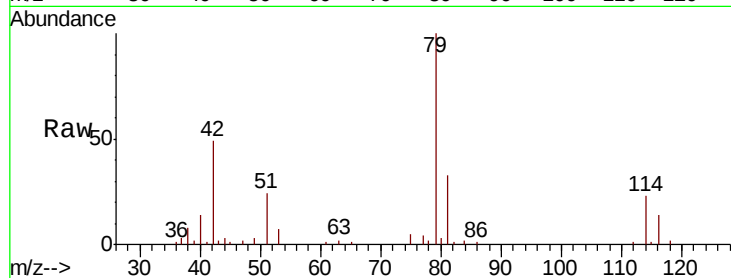


#39

cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040579.D
Acq: 09 Oct 2020 12:45

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VBLK99

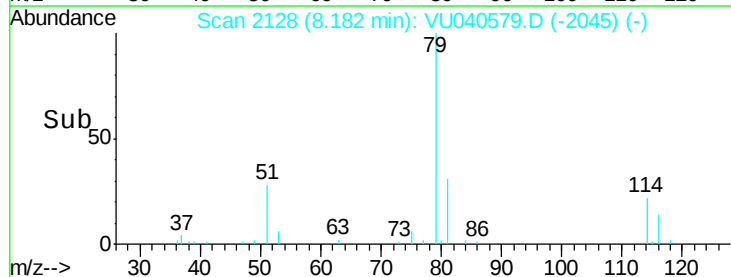
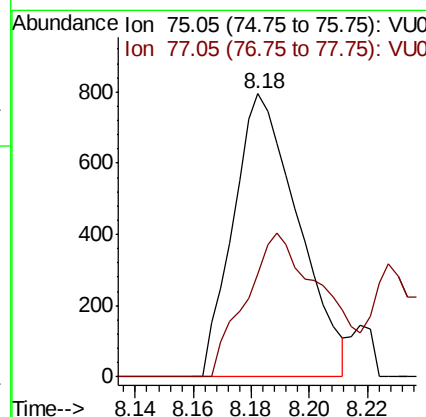
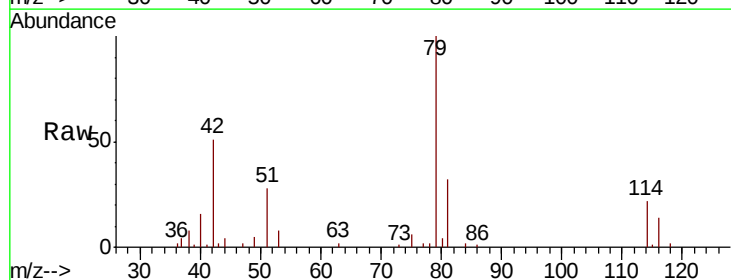
Tot Ion: 75 Resp: 1747
Ion Ratio Lower Upper
75 100
77 76.8 20.5 38.1#

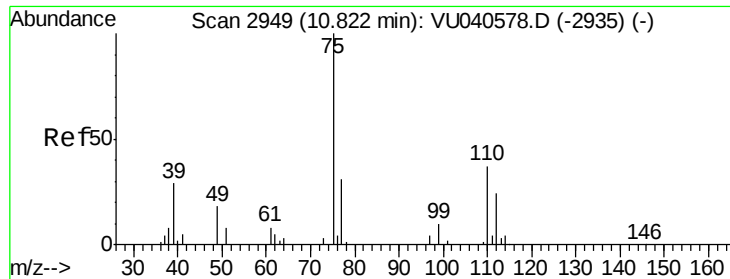


#44

trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040579.D
Acq: 09 Oct 2020 12:45

Tgt Ion: 75 Resp: 1236
Ion Ratio Lower Upper
75 100
77 36.4 20.4 38.0





#59

1,2,3-Trichloropropane

Concen: 0.953 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040579.D

Acq: 09 Oct 2020 12:45

Instrument :

MSVOA_U

ClientSampleId :

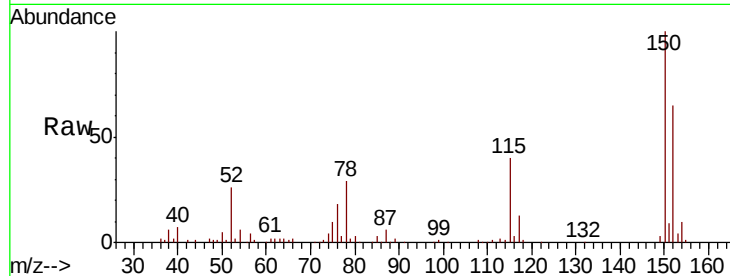
VBLK99

Tot Ion: 75 Resp: 8513

Ion Ratio Lower Upper

75 100

77 37.7 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU040578.D (-2935) (-)

Ion 77.00 (76.70 to 77.70): VU040578.D (-2935) (-)

11.81

6000

5000

4000

3000

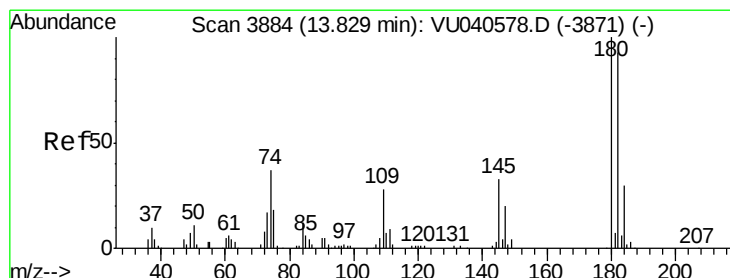
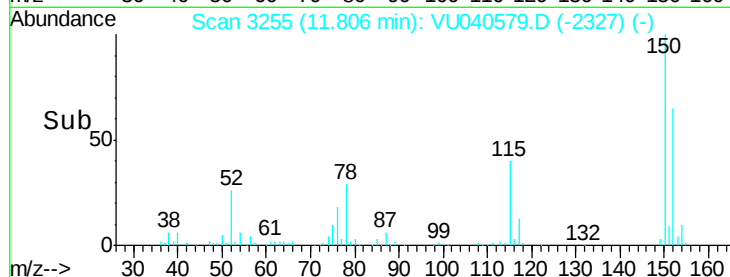
2000

1000

0

11.75 11.80 11.85

Time-->



#68

1,2,4-trichlorobenzene

Concen: 0.061 ug/L

RT: 13.83 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VU040579.D

Acq: 09 Oct 2020 12:45

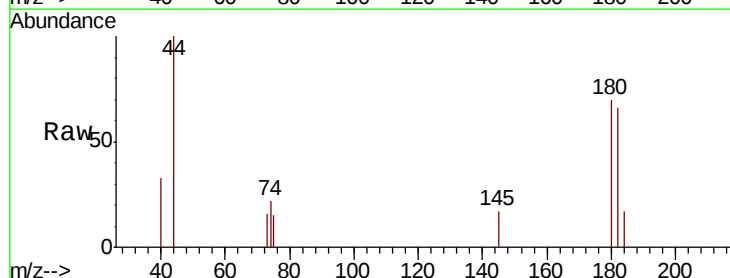
Tgt Ion: 180 Resp: 662

Ion Ratio Lower Upper

180 100

182 105.0 78.8 118.2

145 9.8 26.1 39.1#



Abundance Ion 179.90 (179.60 to 180.60): VU040578.D (-3871) (-)

Ion 182.00 (181.70 to 182.70): VU040578.D (-3871) (-)

Ion 144.95 (144.65 to 145.65): VU040578.D (-3871) (-)

13.83

600

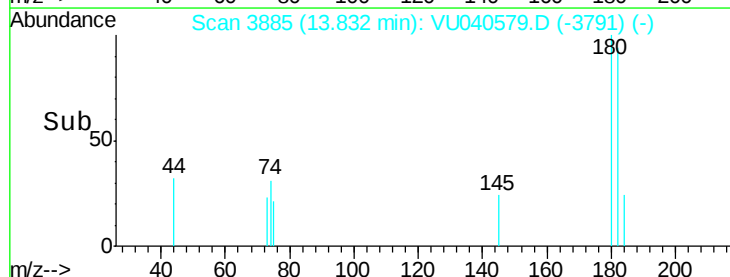
400

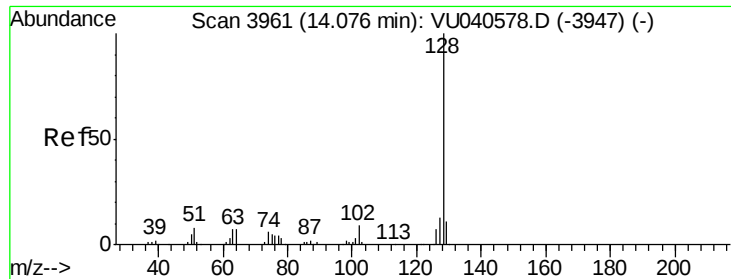
200

0

13.80 13.85

Time-->





#69

Naphthalene

Concen: 0.087 ug/L

RT: 14.08 min Scan# 3963

Delta R.T. 0.01 min

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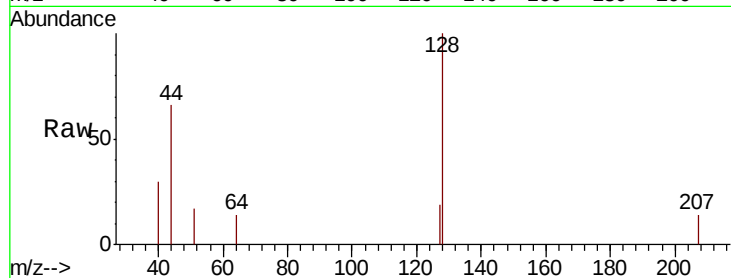
Tot Ion:128 Resp: 1525

Ion Ratio Lower Upper

128 100

129 6.0 9.0 13.4#

127 7.7 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

