

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110920\
 Data File : VU041134.D
 Acq On : 09 Nov 2020 12:37
 Operator : SY/MD
 Sample : VU1109WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK18

Quant Time: Nov 10 01:11:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 10 01:04:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	55950	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58768	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25508	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24919	5.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	1.92	69	19295	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.58	63	35686	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.65	46	79564	51.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.80%
24) Chloroform-d	5.08	84	44946	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.72	65	28286	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.74	84	83005	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.70	67	27824	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	7.90	98	68891	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.19	79	11283	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.64	63	56157	47.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.04%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23214	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	26669	5.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.20%

Target Compounds

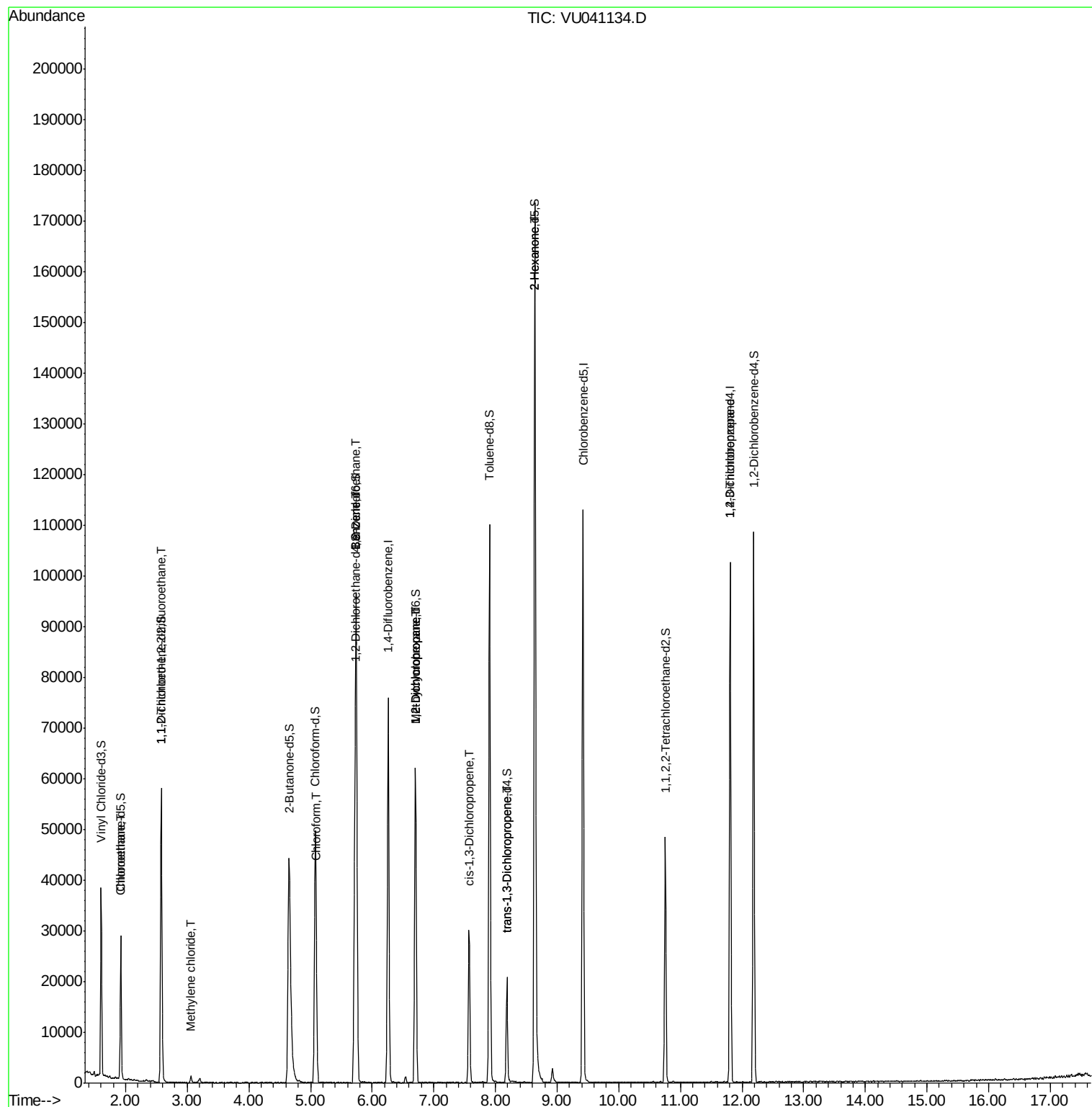
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.93	64	218	0.065	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	269	0.064	ug/L #	22
16) Methylene chloride	3.06	84	622	0.135	ug/L	93
25) Chloroform	5.10	83	1139	0.141	ug/L	88
27) 1,2-Dichloroethane	5.74	62	441	0.074	ug/L #	74
33) Benzene	5.74	78	703	0.040	ug/L	100
35) Methylcyclohexane	6.70	83	6867	1.030	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	3077	0.648	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	694	0.106	ug/L #	63
44) trans-1,3-Dichloropropene	8.19	75	455	0.074	ug/L	83
48) 2-Hexanone	8.64	43	8026	2.814	ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	3499	0.988	ug/L #	86

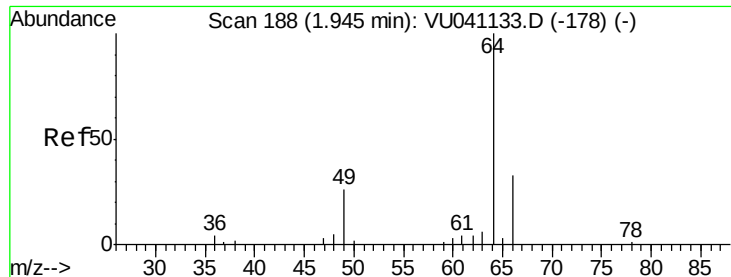
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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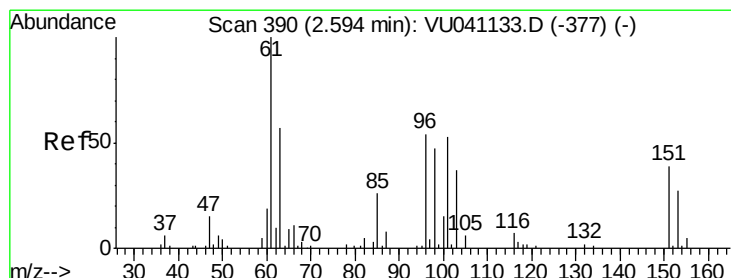
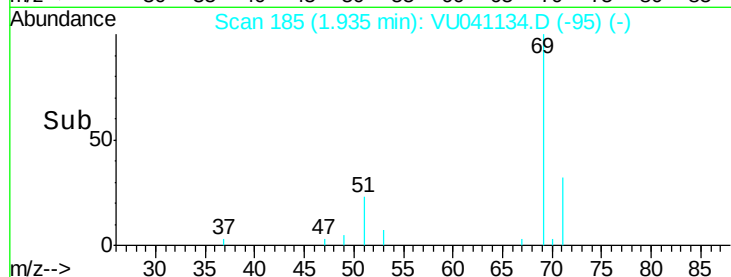
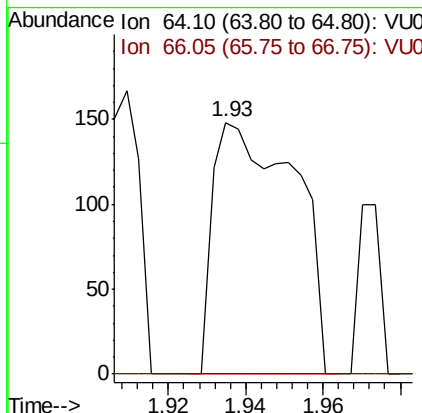
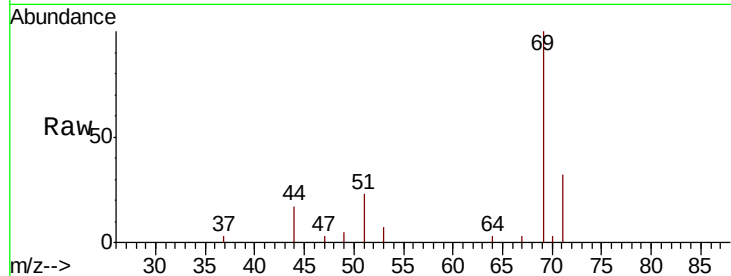




#8
 Chloroethane
 Concen: 0.065 ug/L
 RT: 1.93 min Scan# 185
 Delta R.T. -0.01 min
 Lab File: VU041134.D
 Acq: 09 Nov 2020 12:37

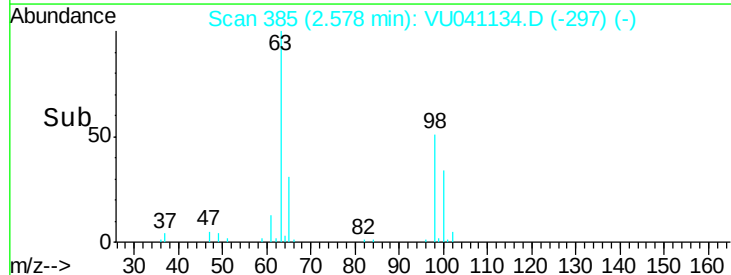
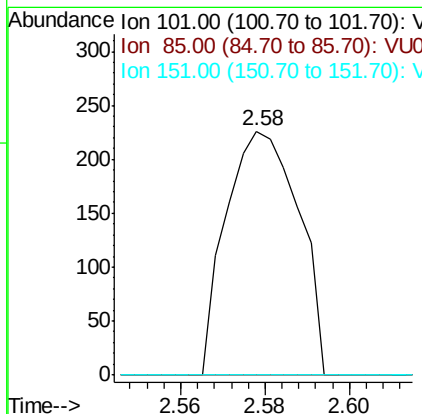
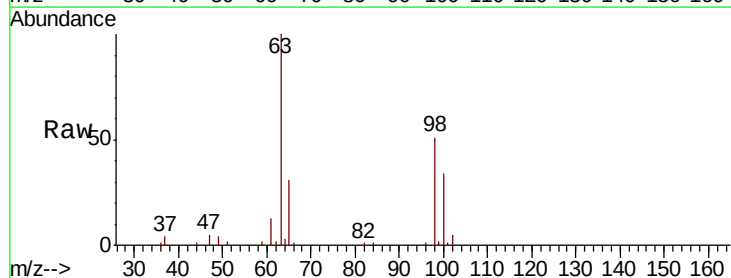
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK18

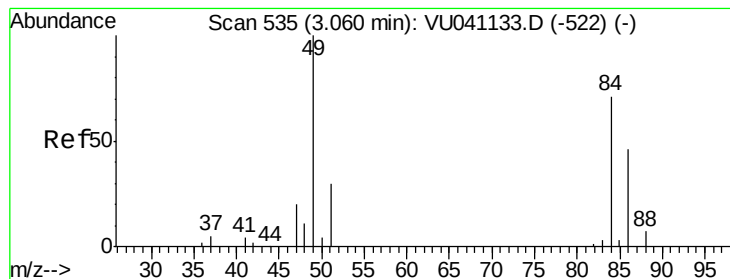
Tot Ion: 64 Resp: 218
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.3 41.5#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.064 ug/L
 RT: 2.58 min Scan# 385
 Delta R.T. -0.02 min
 Lab File: VU041134.D
 Acq: 09 Nov 2020 12:37

Tgt Ion: 101 Resp: 269
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.0 52.4#
 151 0.0 55.3 82.9#





#16

Methylene chloride

Concen: 0.135 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU041134.D

Acq: 09 Nov 2020 12:37

Instrument :

MSVOA_U

ClientSampleId :

VBLK18

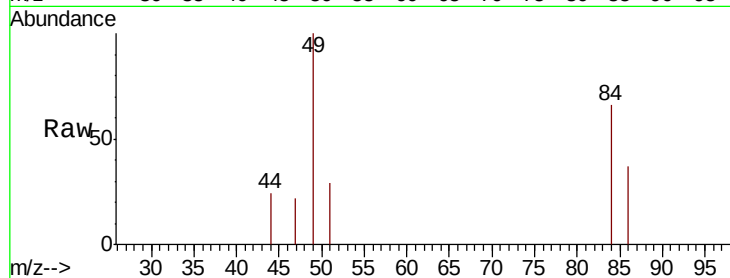
Tot Ion: 84 Resp: 622

Ion Ratio Lower Upper

84 100

86 55.2 42.8 79.6

49 150.7 99.5 184.7

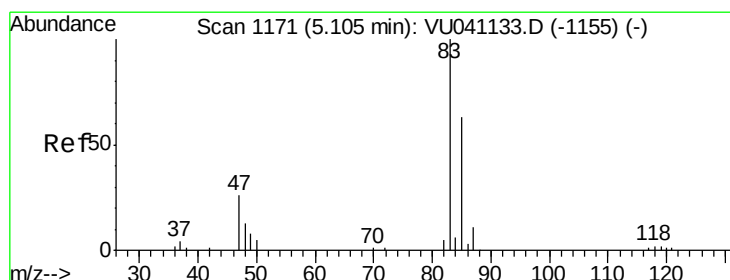
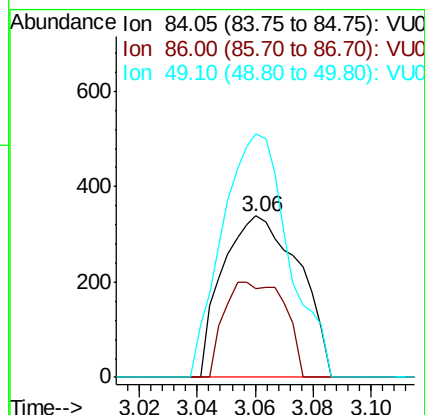
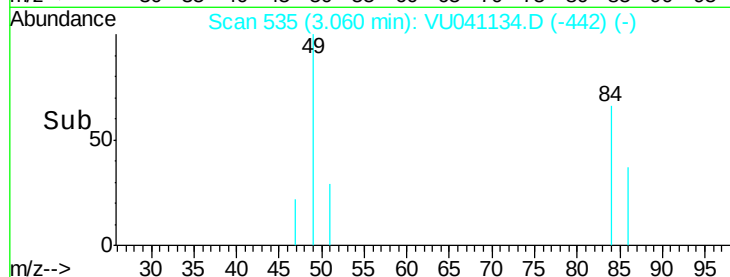


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

Time-->



#25

Chloroform

Concen: 0.141 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VU041134.D

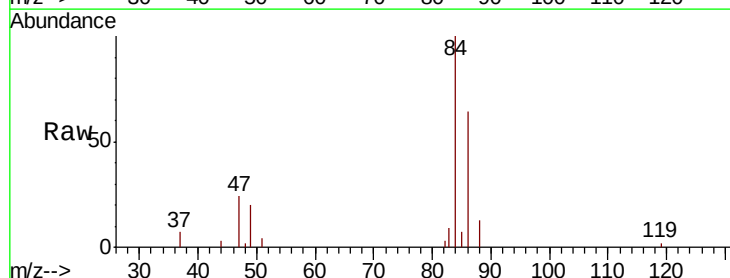
Acq: 09 Nov 2020 12:37

Tgt Ion: 83 Resp: 1139

Ion Ratio Lower Upper

83 100

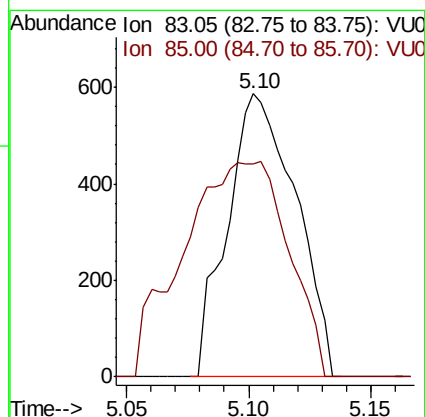
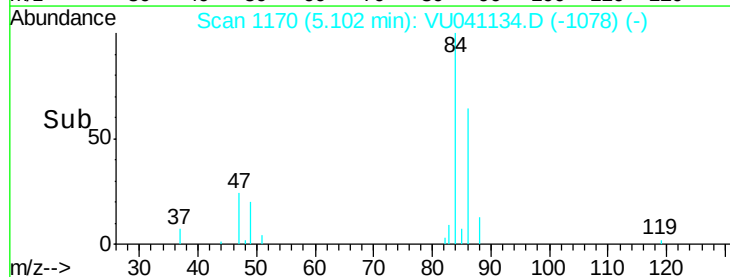
85 75.3 46.1 85.7

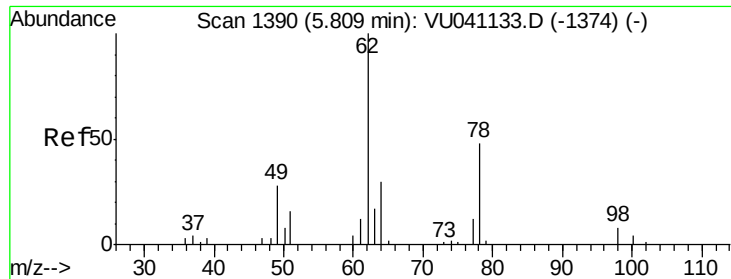


Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

Time-->

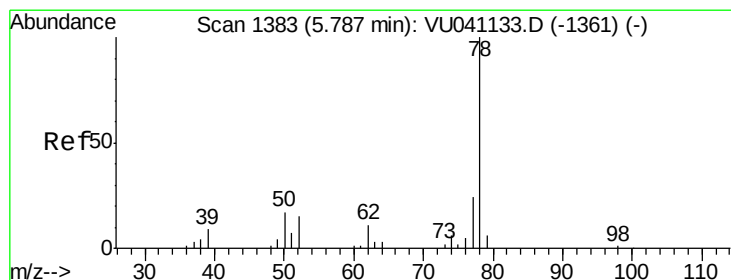
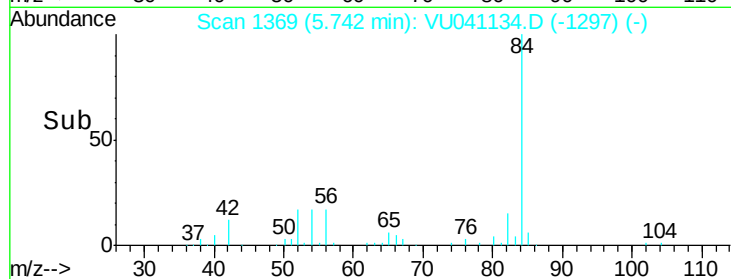
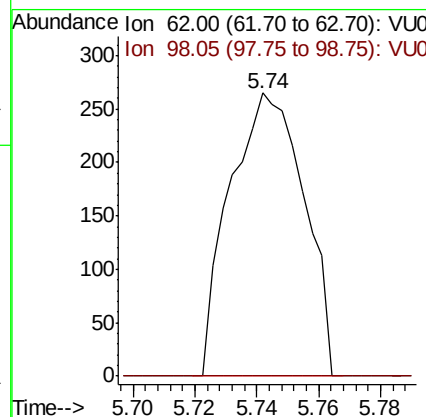
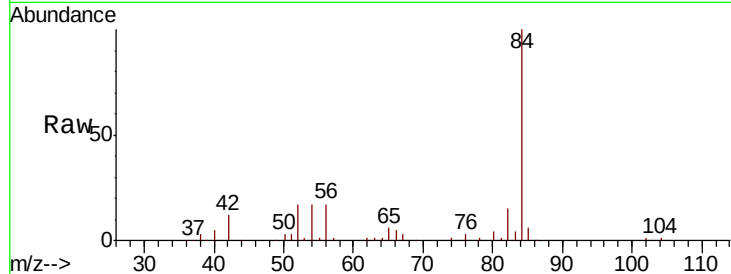




#27
 1,2-Dichloroethane
 Concen: 0.074 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.07 min
 Lab File: VU041134.D
 Acq: 09 Nov 2020 12:37

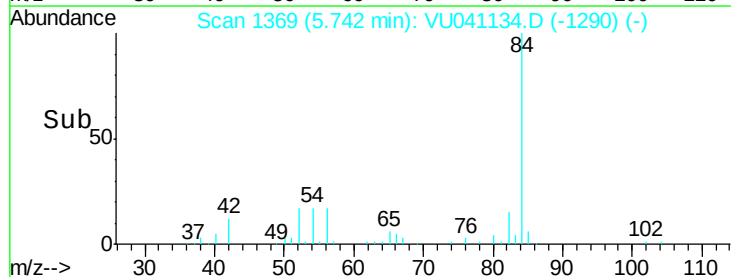
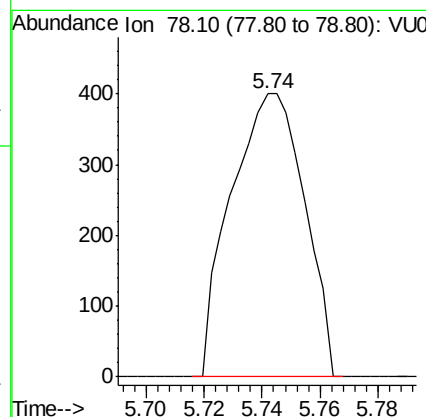
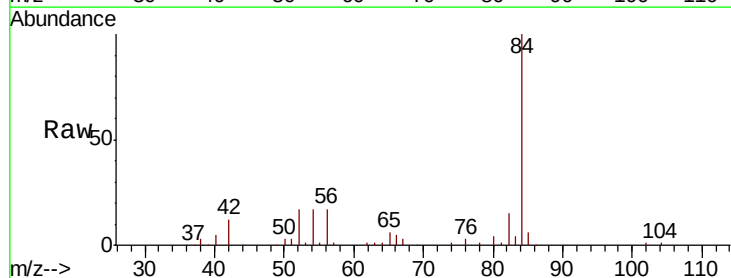
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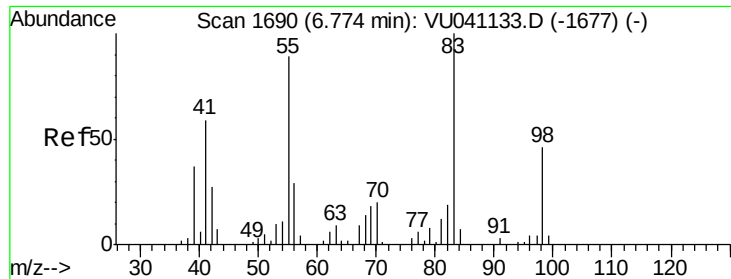
Tot Ion: 62 Resp: 441
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#33
 Benzene
 Concen: 0.040 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.05 min
 Lab File: VU041134.D
 Acq: 09 Nov 2020 12:37

Tgt Ion: 78 Resp: 703

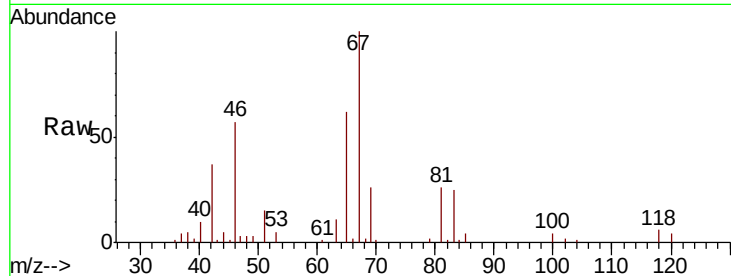




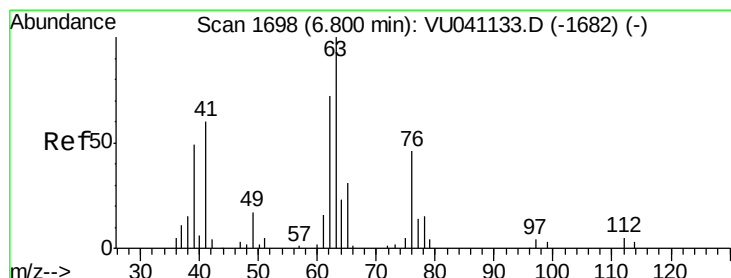
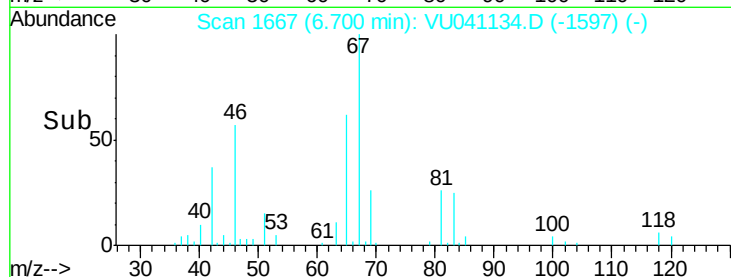
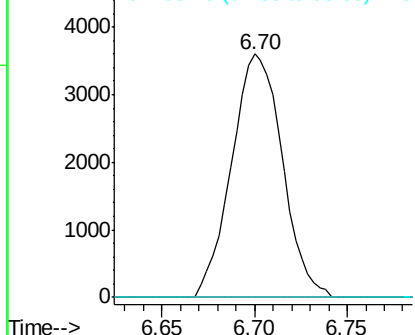
#35
Methylcyclohexane
Concen: 1.030 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041134.D
Acq: 09 Nov 2020 12:37

Instrument :
MSVOA_U
ClientSampleId :
VBLK18

Tot Ion: 83 Resp: 6867
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 2.3 36.6 55.0#

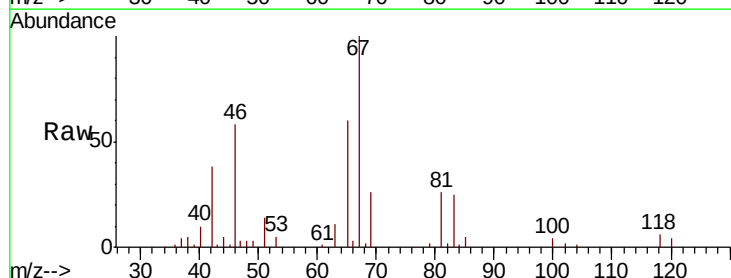


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

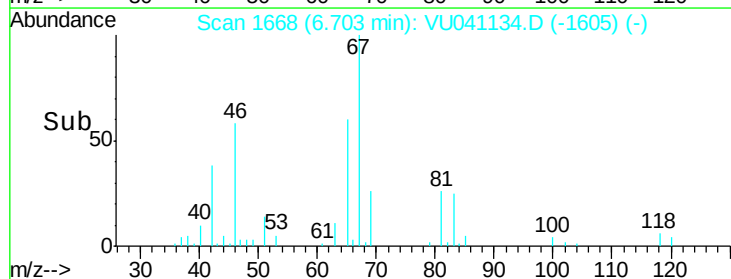
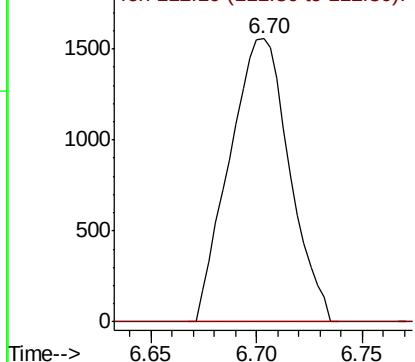


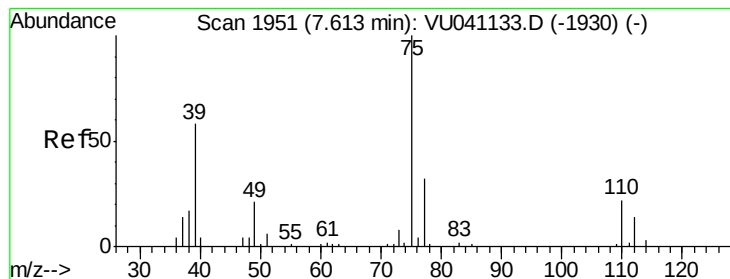
#37
1,2-Dichloropropane
Concen: 0.648 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041134.D
Acq: 09 Nov 2020 12:37

Tgt Ion: 63 Resp: 3077
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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



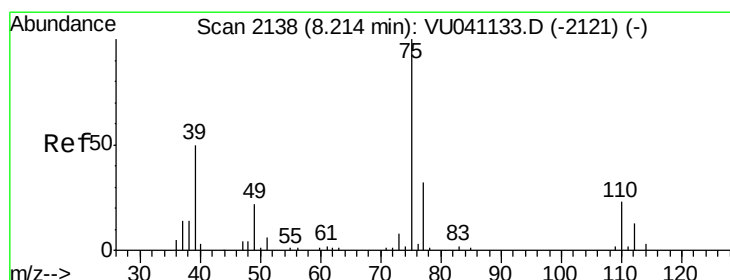
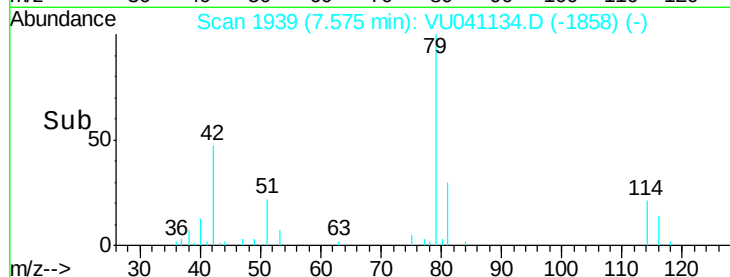
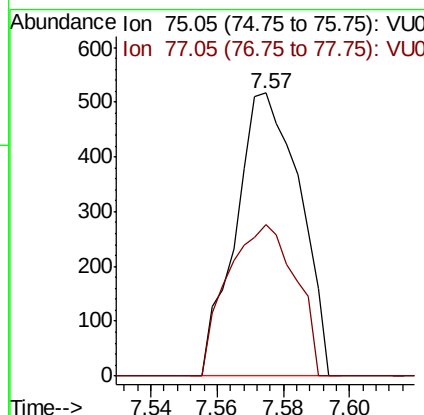
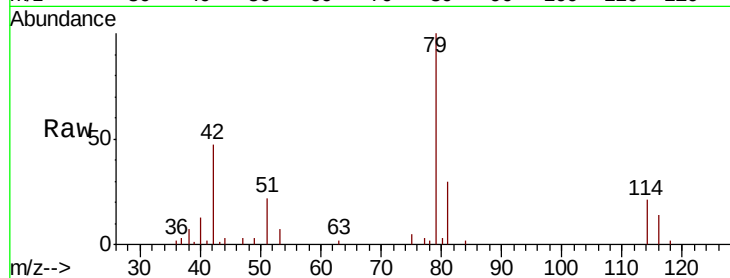


#39

cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041134.D
 Acq: 09 Nov 2020 12:37

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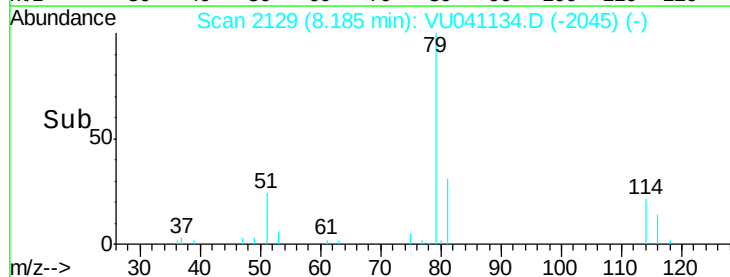
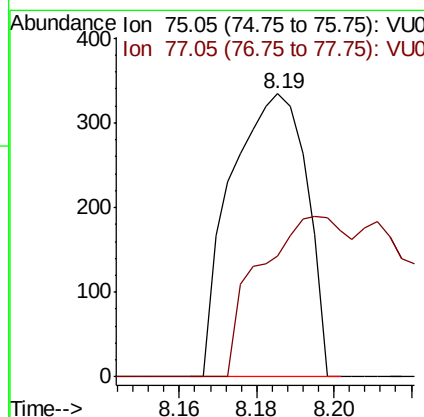
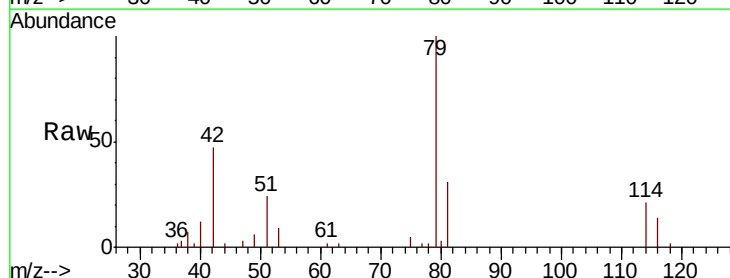
Tot Ion: 75 Resp: 694
 Ion Ratio Lower Upper
 75 100
 77 53.4 22.7 42.3#

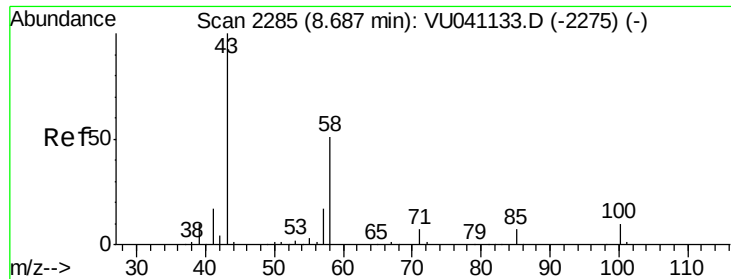


#44

trans-1,3-Dichloropropene
 Concen: 0.074 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU041134.D
 Acq: 09 Nov 2020 12:37

Tgt Ion: 75 Resp: 455
 Ion Ratio Lower Upper
 75 100
 77 42.8 23.3 43.3

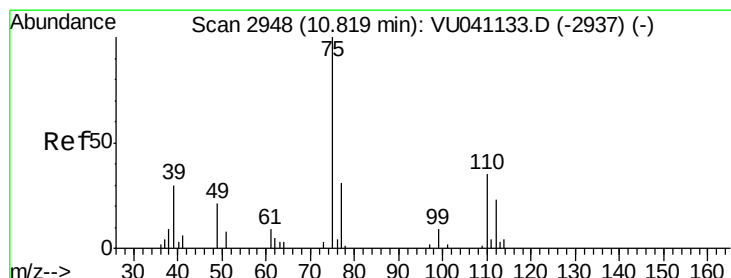
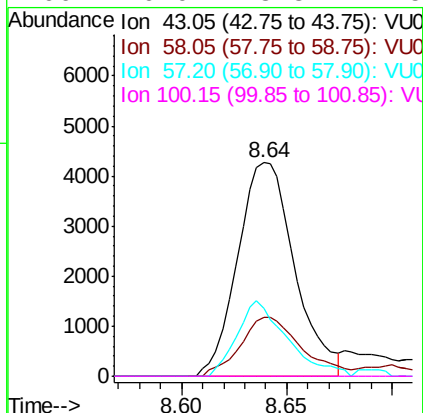
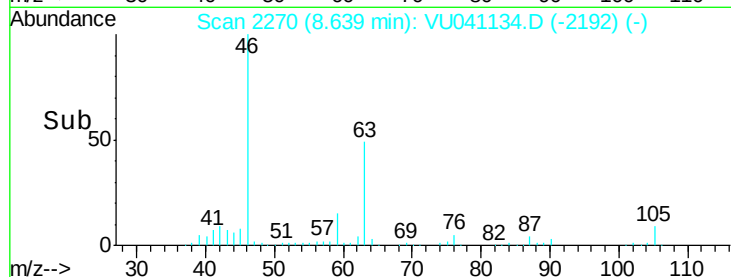
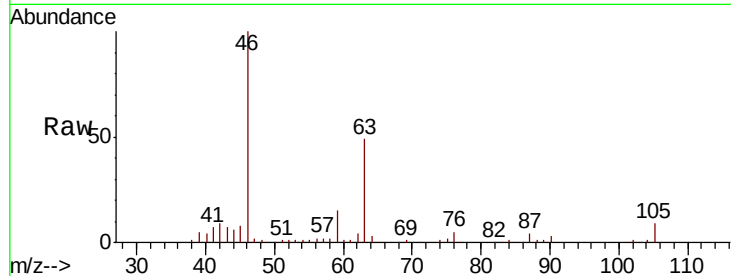




#48
2-Hexanone
Concen: 2.814 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041134.D
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Tot Ion: 43 Resp: 8026
Ion Ratio Lower Upper
43 100
58 29.6 41.4 62.2#
57 31.0 14.6 21.8#
100 0.0 8.3 12.5#



#59
1,2,3-Trichloropropane
Concen: 0.988 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041134.D
Acq: 09 Nov 2020 12:37

Tgt Ion: 75 Resp: 3499
Ion Ratio Lower Upper
75 100
77 40.1 25.7 38.5#

