

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121220\
 Data File : VU041582.D
 Acq On : 12 Dec 2020 21:43
 Operator : SY/MD
 Sample : L4995-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Dec 13 11:28:03 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	141268	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	147141	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	68656	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	38718	3.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.20%
7) Chloroethane-d5	1.92	69	36698	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.58	63	62902	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.65	46	174534	55.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.04%
24) Chloroform-d	5.08	84	90720	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.72	65	54557	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.74	84	182681	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.70	67	62421	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.91	98	157418	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	8.19	79	25232	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.64	63	141681	43.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.26%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	56194	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	63081	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

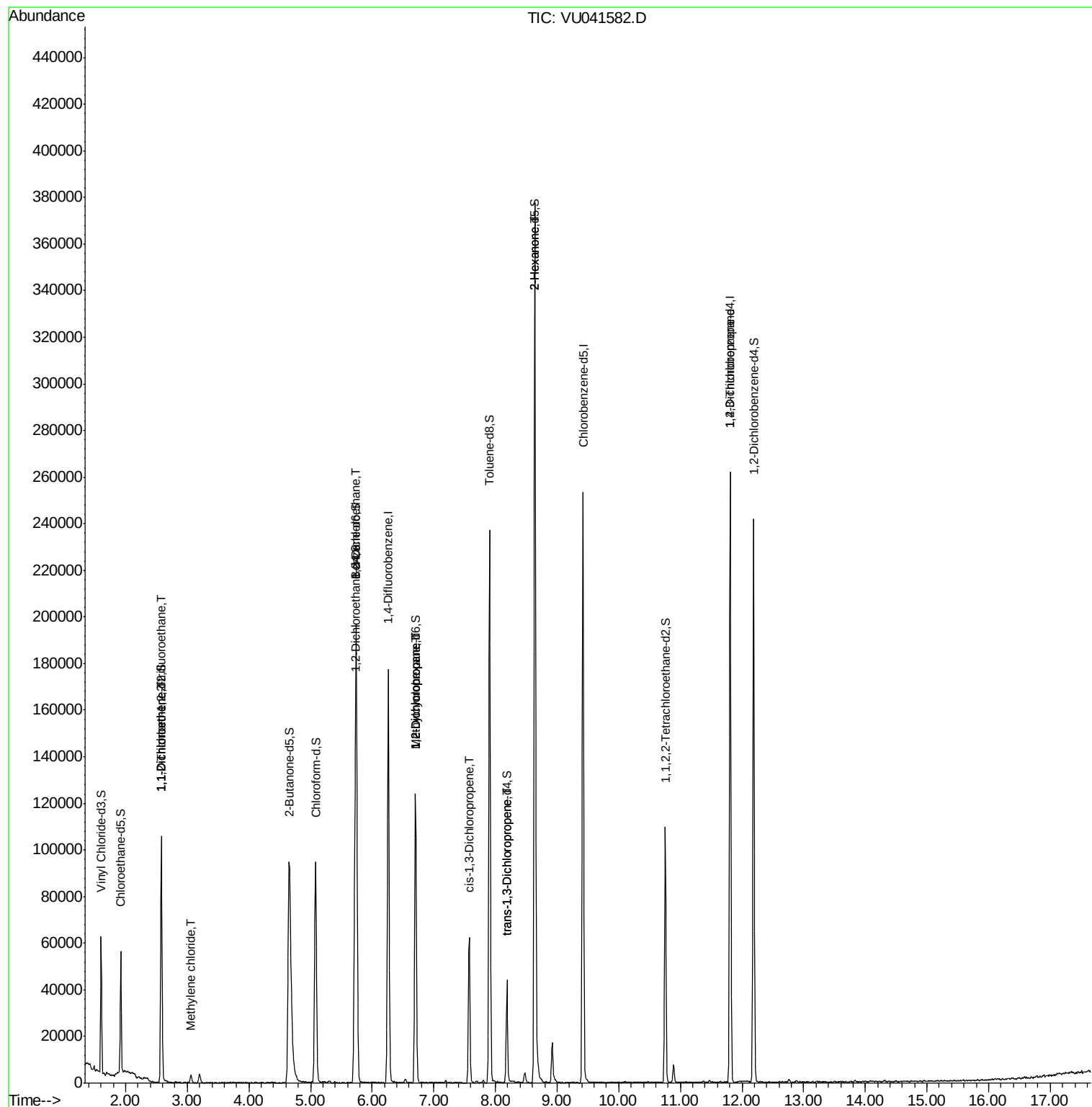
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	568	0.058	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	659	0.069	ug/L #	1
16) Methylene chloride	3.06	84	1612	0.141	ug/L	85
27) 1,2-Dichloroethane	5.74	62	888	0.070	ug/L #	73
35) Methylcyclohexane	6.70	83	13498	0.706	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5824	0.484	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1545	0.087	ug/L	86
44) trans-1,3-Dichloropropene	8.19	75	954	0.060	ug/L #	34
48) 2-Hexanone	8.64	43	16316	2.618	ug/L #	68
59) 1,2,3-Trichloropropane	11.81	75	8039	0.889	ug/L	100

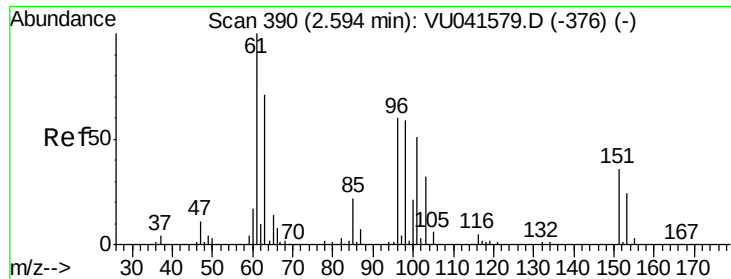
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.058 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU041582.D

Acq: 12 Dec 2020 21:43

Instrument :

MSVOA_U

ClientSampled :

VHBLK01

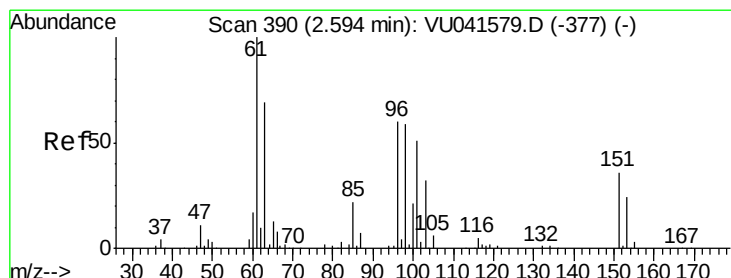
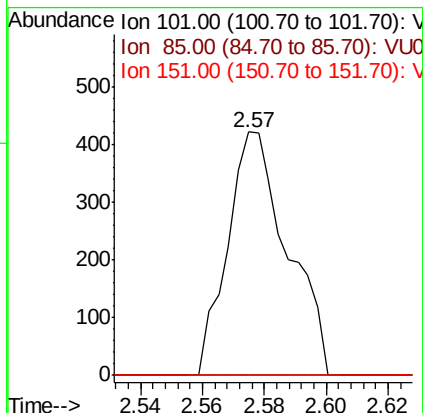
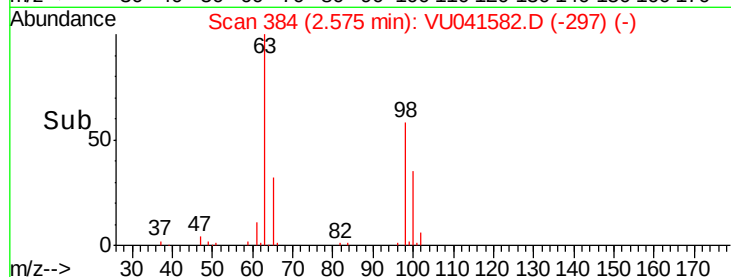
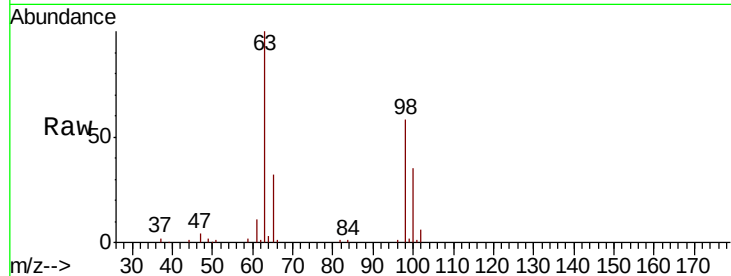
Tot Ion:101 Resp: 568

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: 0.069 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU041582.D

Acq: 12 Dec 2020 21:43

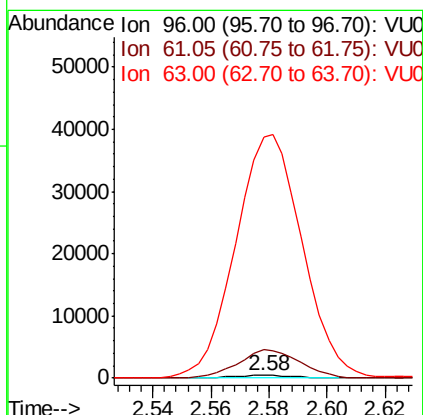
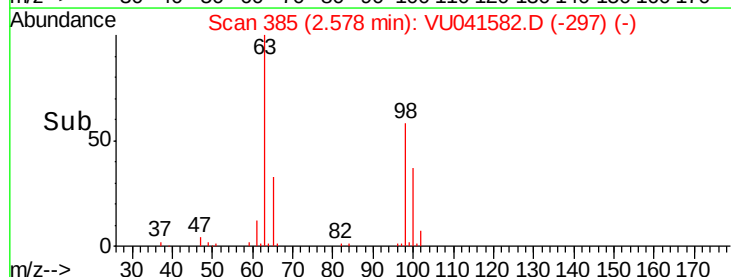
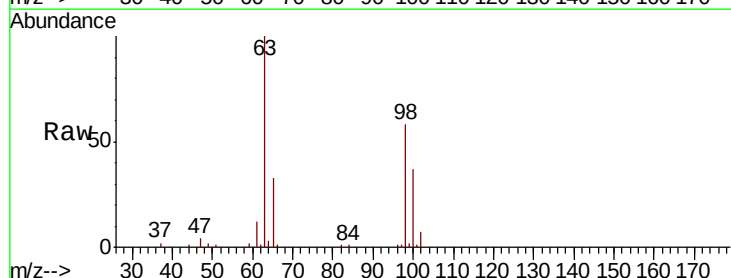
Tgt Ion: 96 Resp: 659

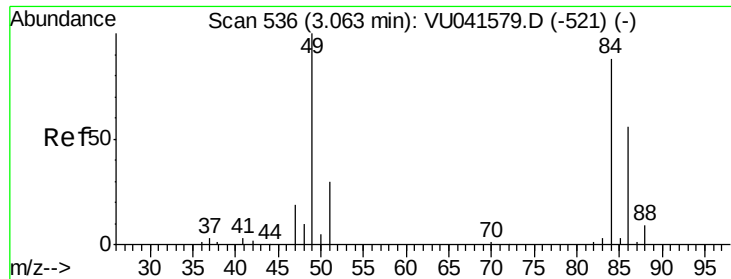
Ion Ratio Lower Upper

96 100

61 997.3 123.8 230.0#

63 8552.2 81.0 150.4#

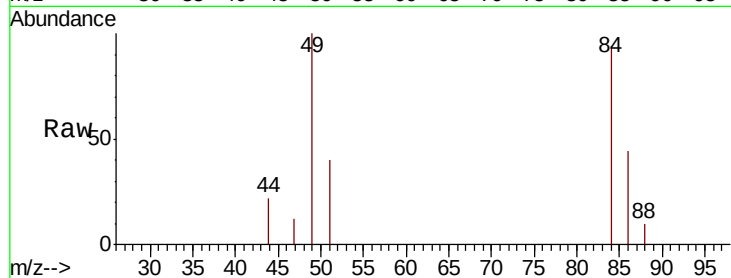




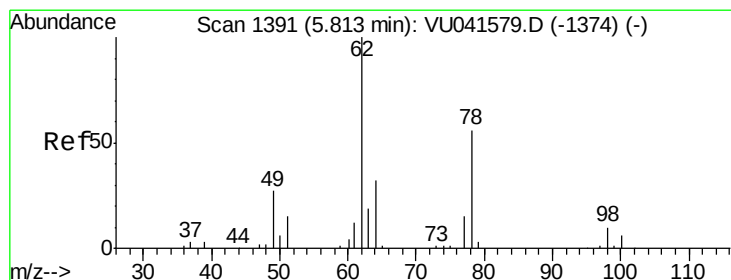
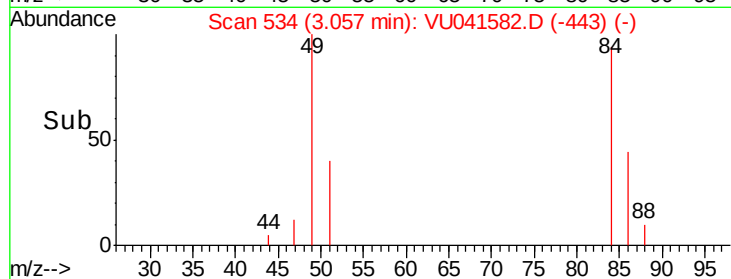
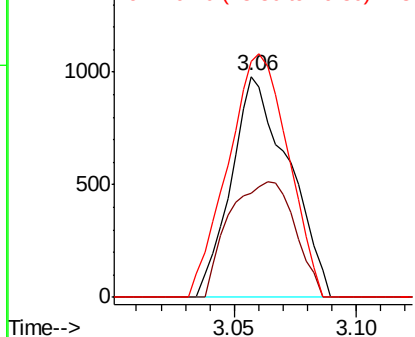
#16
Methylene chloride
Concen: 0.141 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.01 min
Lab File: VU041582.D
Acq: 12 Dec 2020 21:43

Instrument :
MSVOA_U
ClientSampled :
VHBLK01

Tot Ion: 84 Resp: 1612
Ion Ratio Lower Upper
84 100
86 47.3 45.1 83.7
49 106.7 83.1 154.3

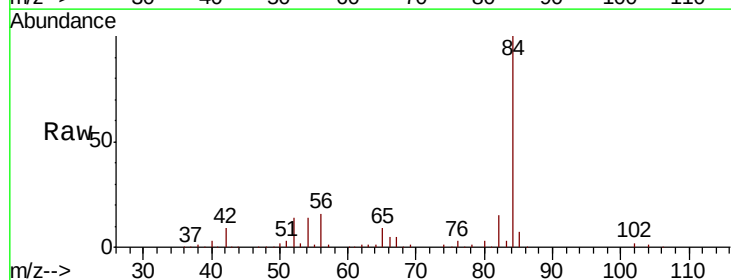


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

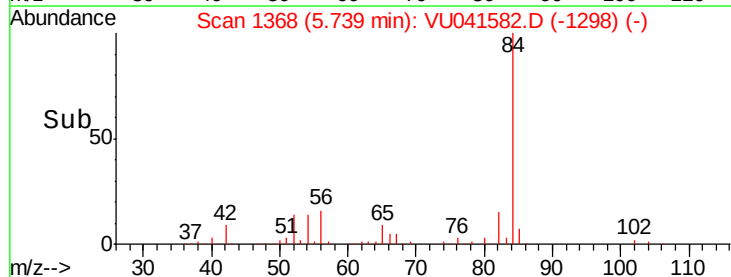
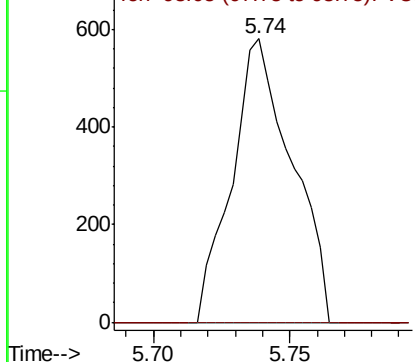


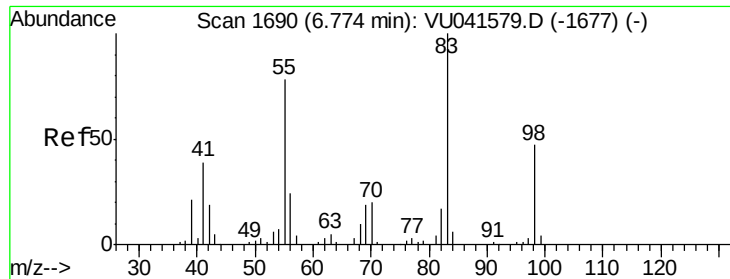
#27
1,2-Dichloroethane
Concen: 0.070 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041582.D
Acq: 12 Dec 2020 21:43

Tgt Ion: 62 Resp: 888
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

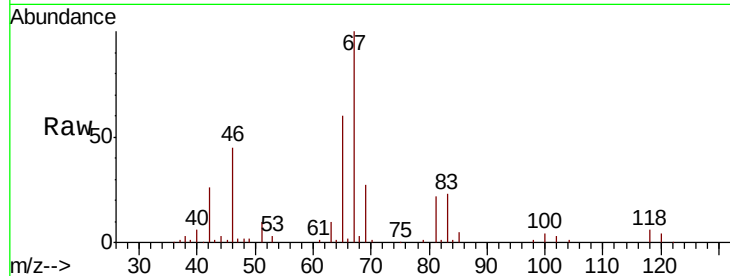




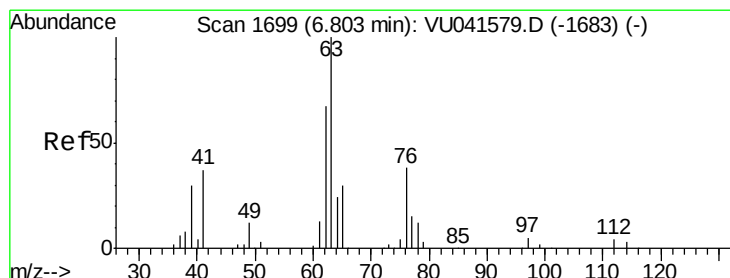
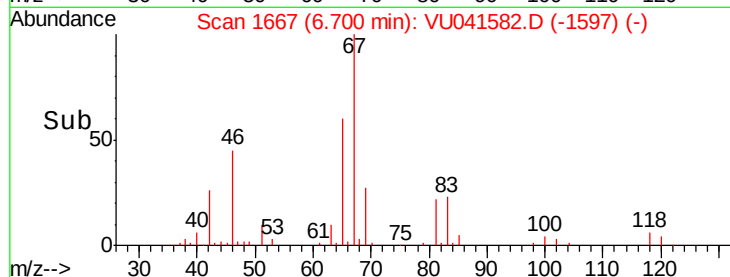
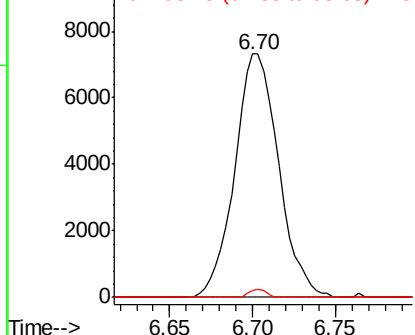
#35
Methylvlcyclohexane
Concen: 0.706 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041582.D
Acq: 12 Dec 2020 21:43

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion	83.15	Resp	13498
Ion Ratio	Lower	Upper	
83	100		
55	0.0	61.2	91.8#
98	1.3	36.6	54.8#

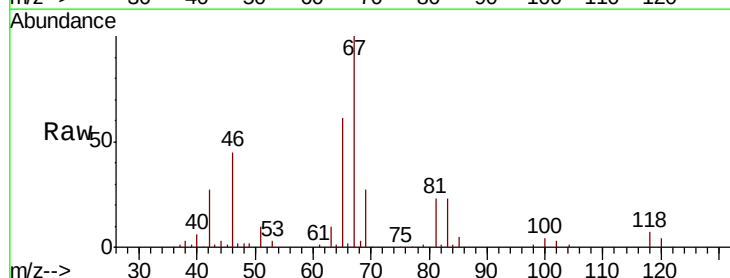


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

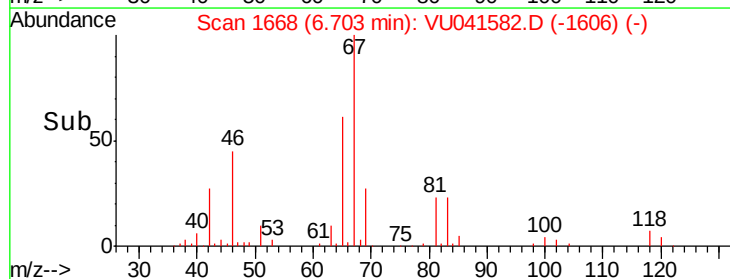
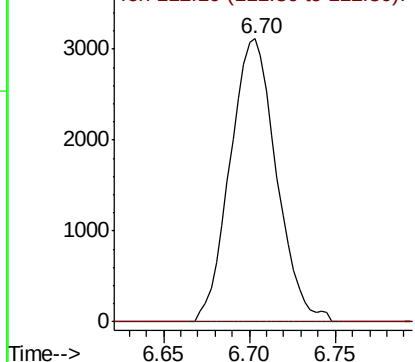


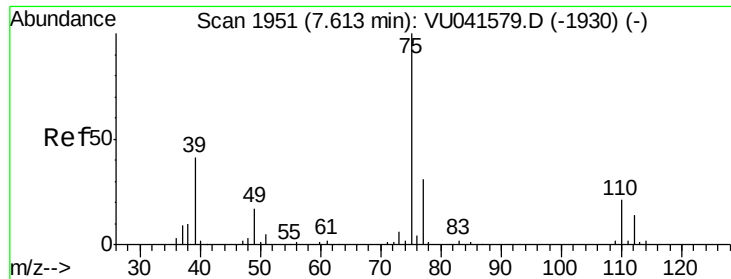
#37
1,2-Dichloropropane
Concen: 0.484 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041582.D
Acq: 12 Dec 2020 21:43

Tgt Ion	63	Resp	5824
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.1	4.7#



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

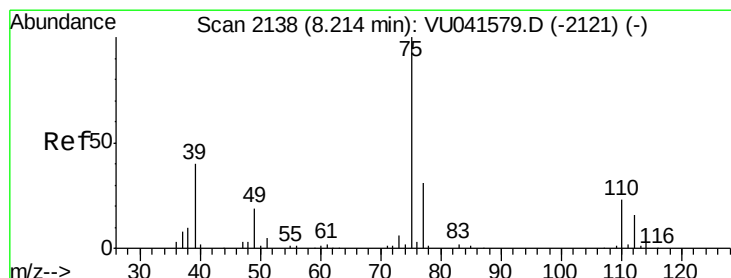
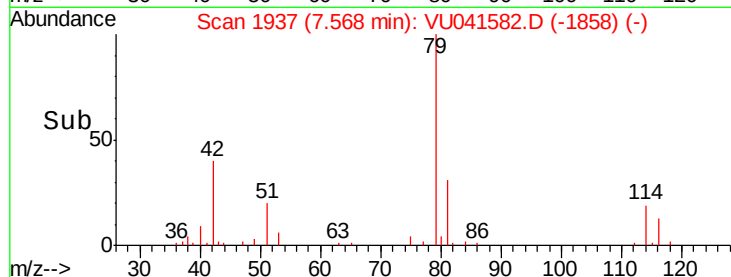
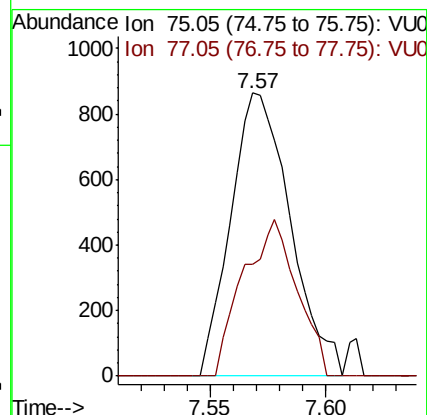
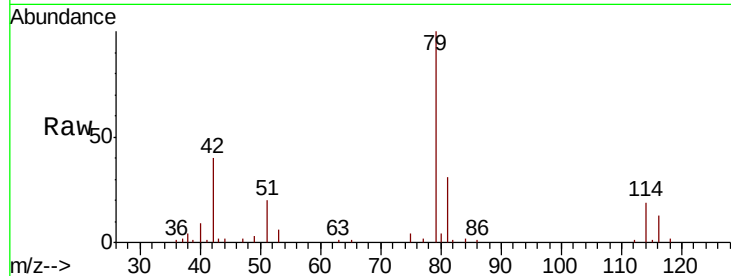




#39
 cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.04 min
 Lab File: VU041582.D
 Acq: 12 Dec 2020 21:43

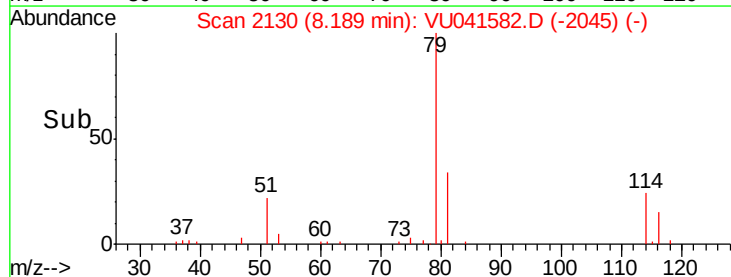
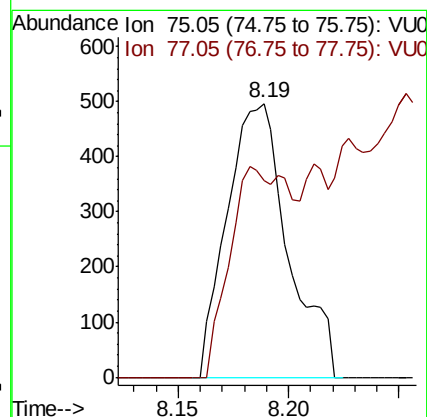
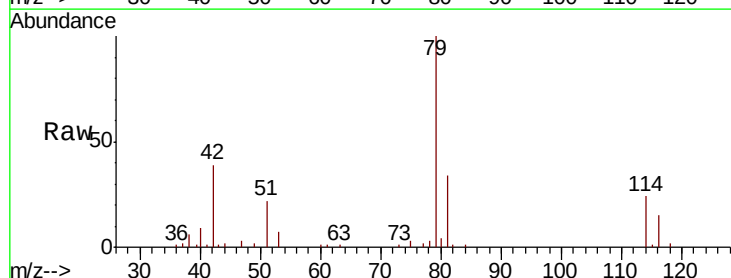
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 ClientSampleId :
 VHBLK01

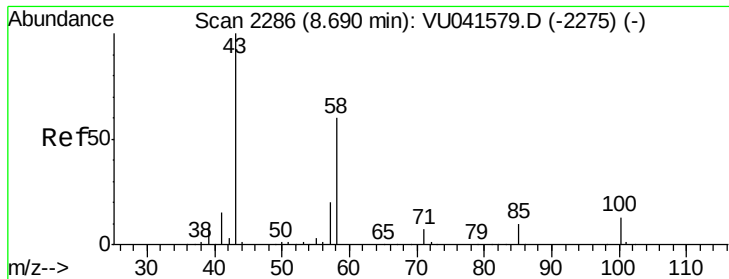
Tot Ion: 75 Resp: 1545
 Ion Ratio Lower Upper
 75 100
 77 39.6 22.3 41.3



#44
 trans-1,3-Dichloropropene
 Concen: 0.060 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU041582.D
 Acq: 12 Dec 2020 21:43

Tgt Ion: 75 Resp: 954
 Ion Ratio Lower Upper
 75 100
 77 71.6 23.8 44.2#

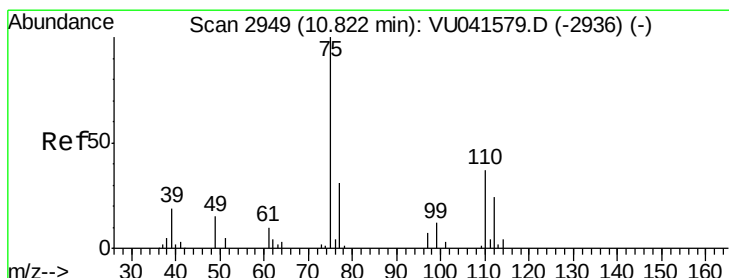
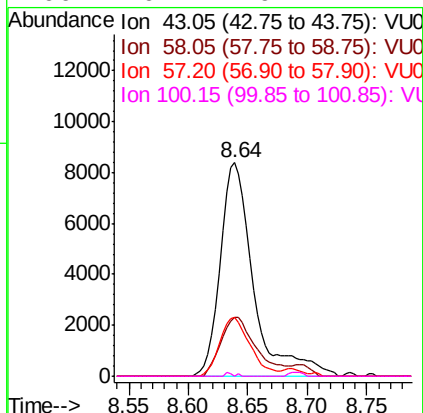
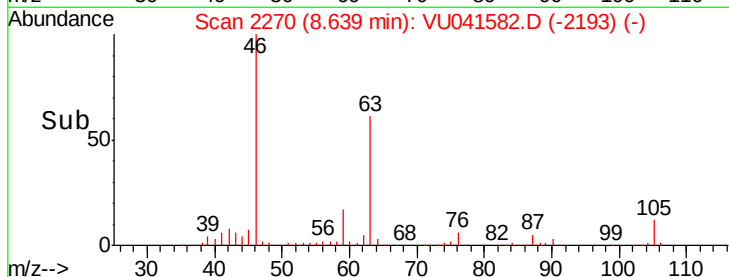
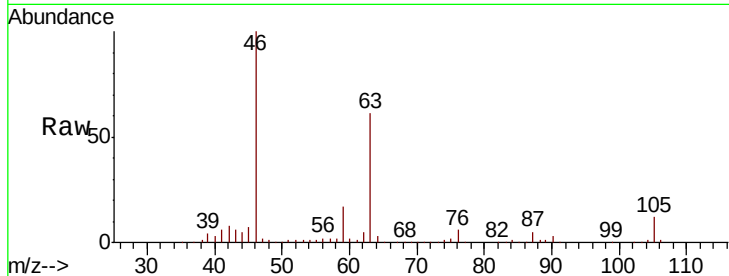




#48
2-Hexanone
Concen: 2.618 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041582.D
Acq: 12 Dec 2020 21:43

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 43 Resp: 16316
Ion Ratio Lower Upper
43 100
58 29.5 47.9 71.9#
57 25.3 16.5 24.7#
100 0.4 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.889 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041582.D
Acq: 12 Dec 2020 21:43

Tgt Ion: 75 Resp: 8039
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.2

