

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121220\
 Data File : VU041588.D
 Acq On : 13 Dec 2020 00:02
 Operator : SY/MD
 Sample : L5060-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B10

Quant Time: Dec 13 11:29:29 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	138281	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129759	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	63533	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	35783	3.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.20%
7) Chloroethane-d5	1.92	69	33753	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.60%
11) 1,1-Dichloroethene-d2	2.58	63	58312	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	4.66	46	165161	53.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.38%
24) Chloroform-d	5.08	84	84297	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.72	65	49949	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.74	84	167036	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.70	67	55160	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.91	98	144329	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	8.19	79	22259	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.64	63	130970	45.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53585	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	57317	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

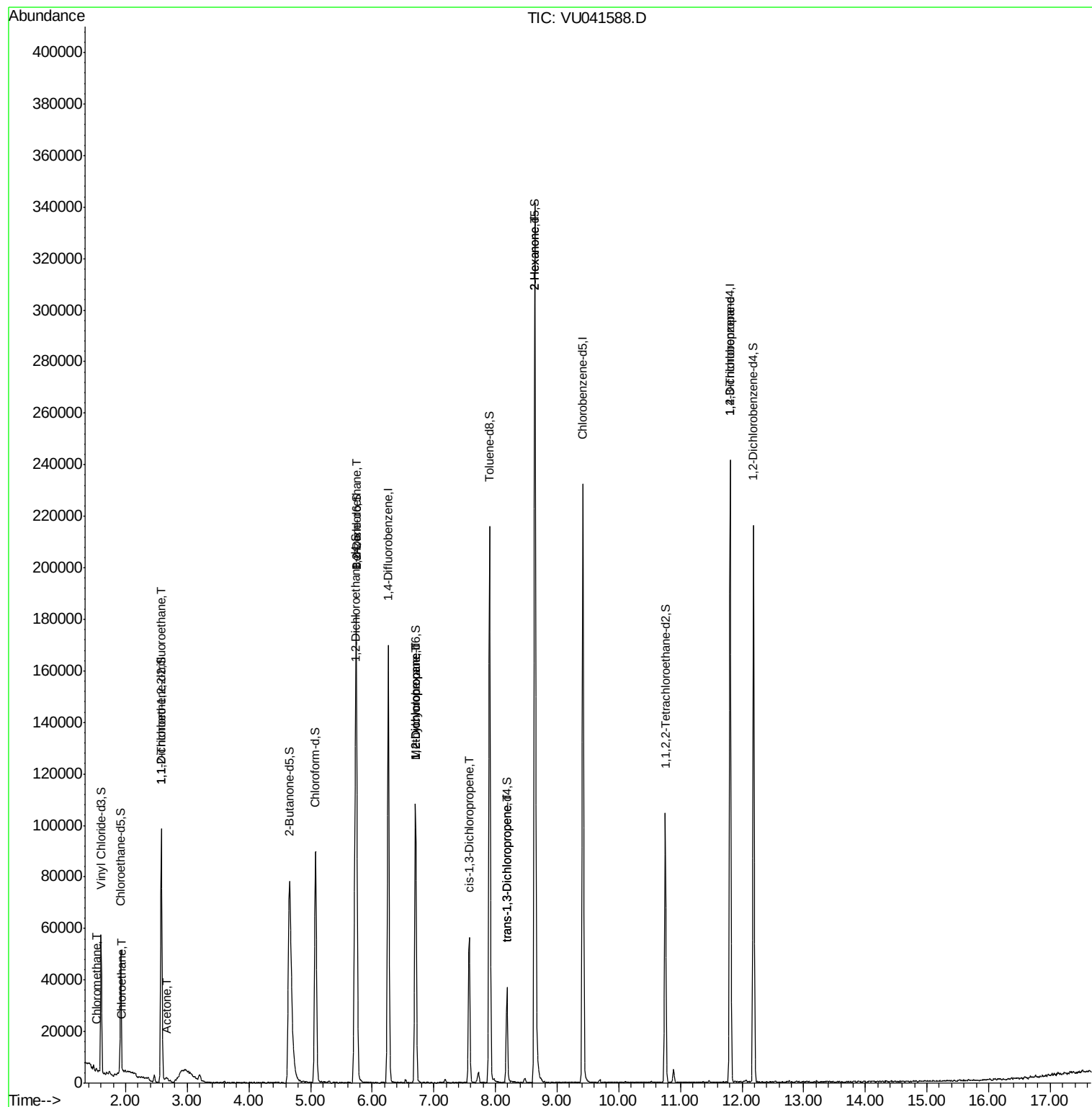
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	952	0.084	ug/L	84
8) Chloroethane	1.95	64	703	0.082	ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	623	0.065	ug/L #	22
13) Acetone	2.66	43	1831	0.927	ug/L	92
27) 1,2-Dichloroethane	5.75	62	889	0.072	ug/L #	73
35) Methylcyclohexane	6.70	83	12277	0.728	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5462	0.515	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1404	0.089	ug/L #	47
44) trans-1,3-Dichloropropene	8.18	75	1021	0.073	ug/L #	78
48) 2-Hexanone	8.64	43	15073	2.742	ug/L #	65
59) 1,2,3-Trichloropropane	11.81	75	7825	0.982	ug/L	97

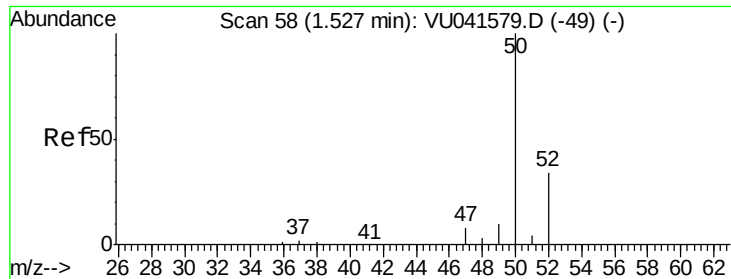
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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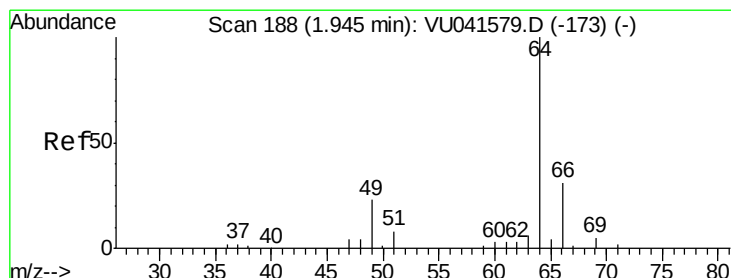
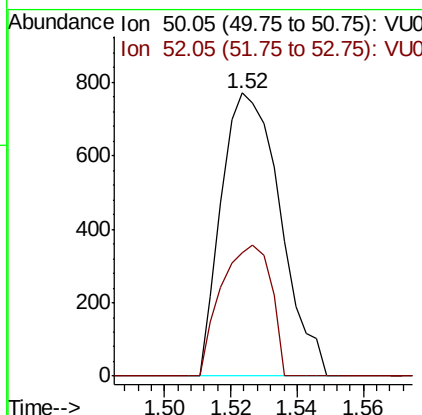
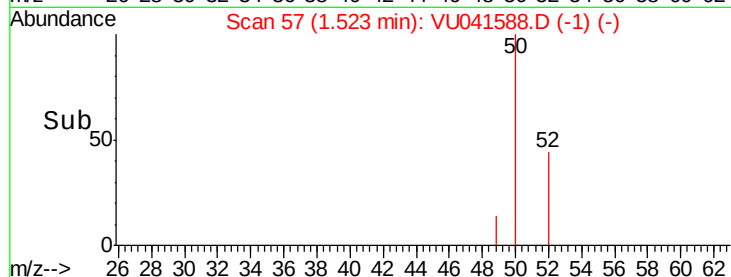
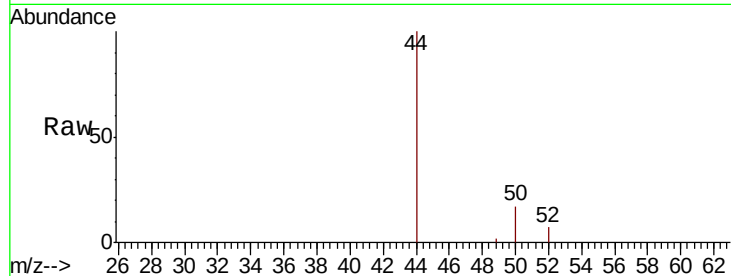




#3
Chloromethane
Concen: 0.084 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU041588.D
Acq: 13 Dec 2020 00:02

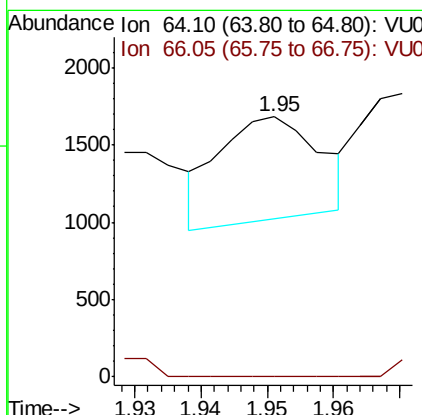
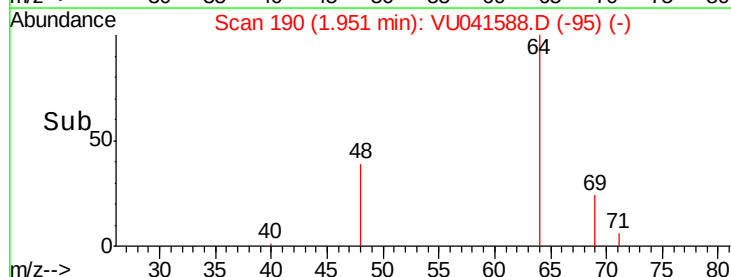
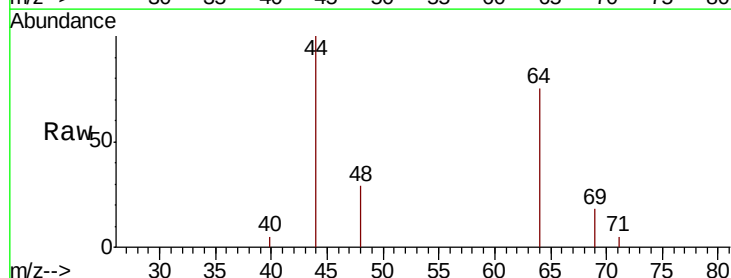
Instrument :
MSVOA_U
ClientSampled :
C0B10

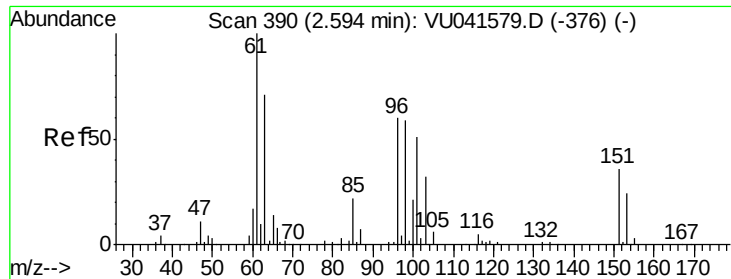
Tot Ion: 50 Resp: 952
Ion Ratio Lower Upper
50 100
52 43.7 24.1 44.8



#8
Chloroethane
Concen: 0.082 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.01 min
Lab File: VU041588.D
Acq: 13 Dec 2020 00:02

Tgt Ion: 64 Resp: 703
Ion Ratio Lower Upper
64 100
66 0.0 21.6 40.0#





#10

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

Concen: 0.065 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041588.D

Acq: 13 Dec 2020 00:02

Instrument :

MSVOA_U

ClientSampleId :

C0B10

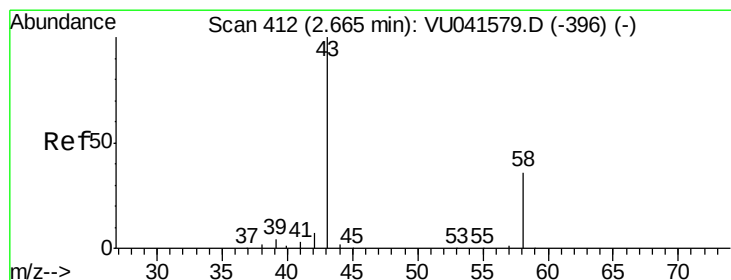
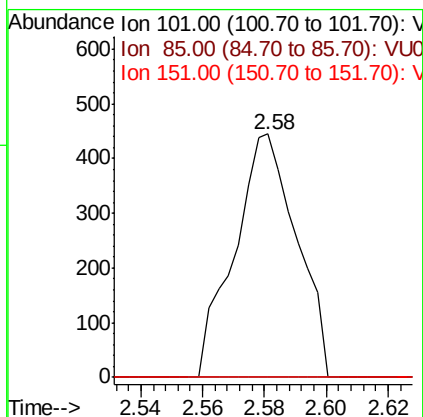
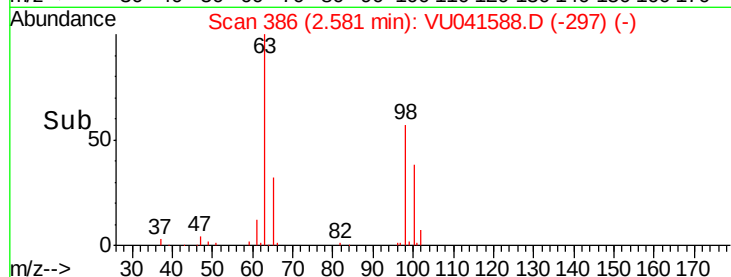
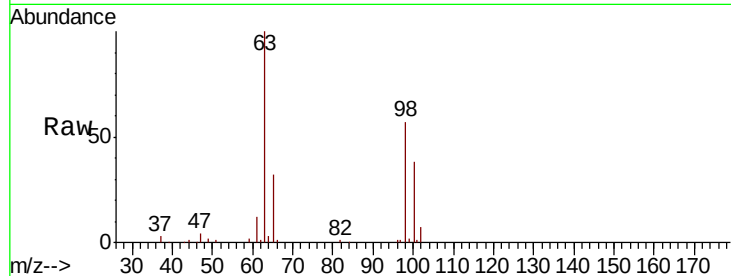
Tot Ion:101 Resp: 623

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 56.2 84.4#



#13

Acetone

Concen: 0.927 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.00 min

Lab File: VU041588.D

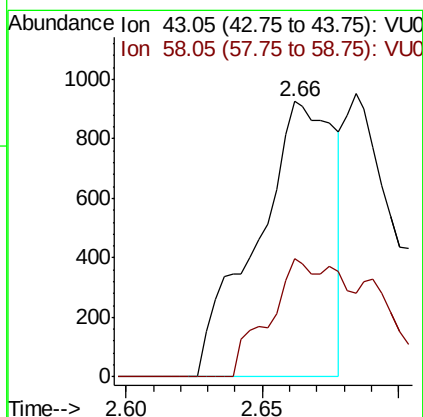
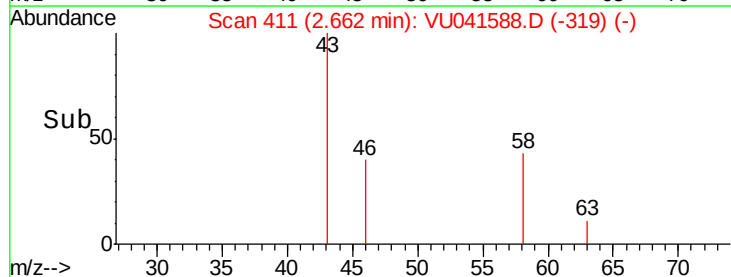
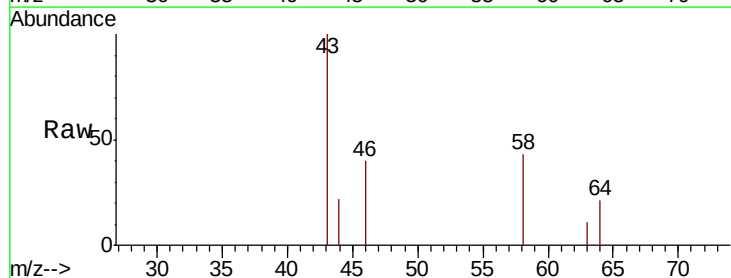
Acq: 13 Dec 2020 00:02

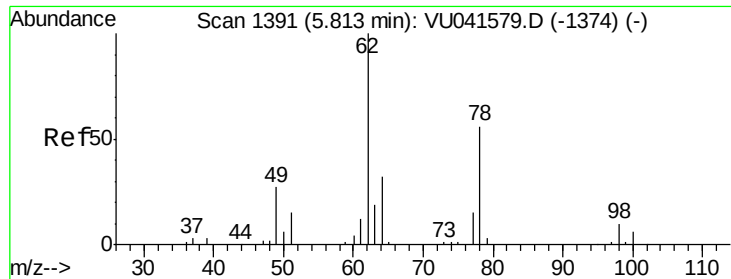
Tgt Ion: 43 Resp: 1831

Ion Ratio Lower Upper

43 100

58 41.3 0.0 73.2

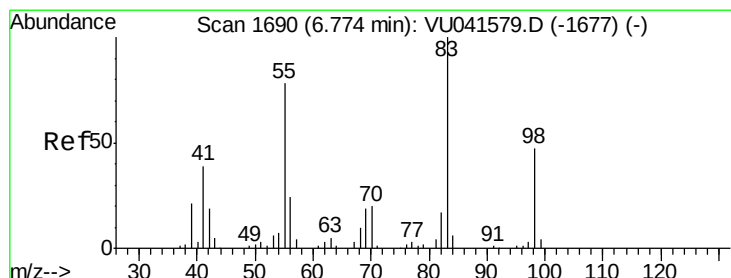
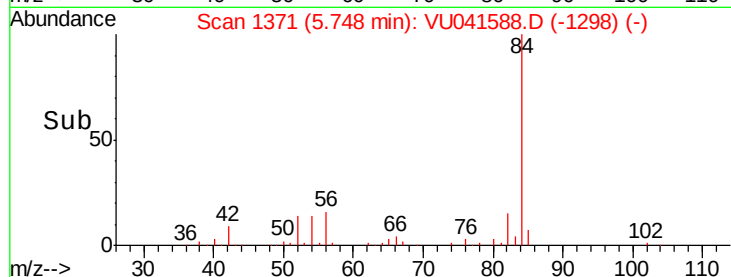
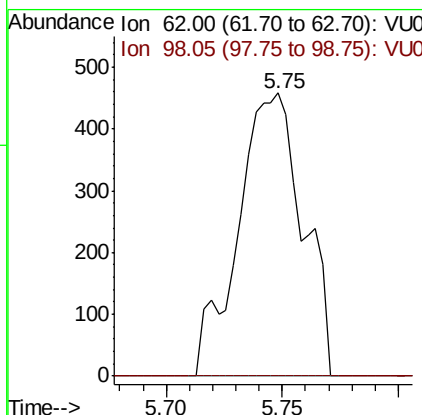
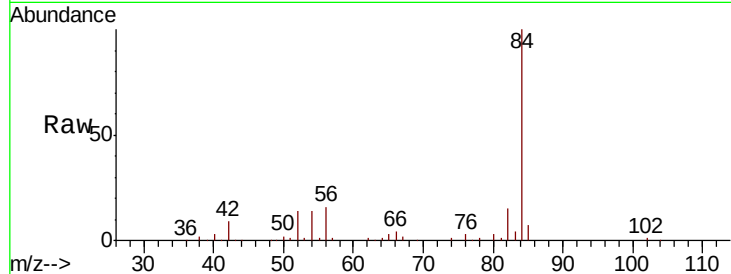




#27
 1,2-Dichloroethane
 Concen: 0.072 ug/L
 RT: 5.75 min Scan# 1371
 Delta R.T. -0.06 min
 Lab File: VU041588.D
 Acq: 13 Dec 2020 00:02

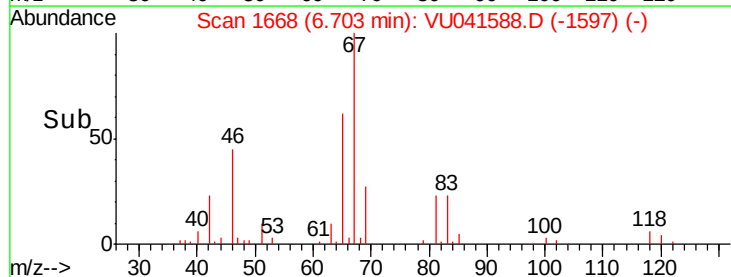
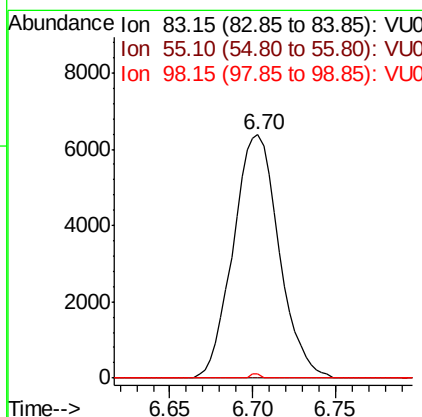
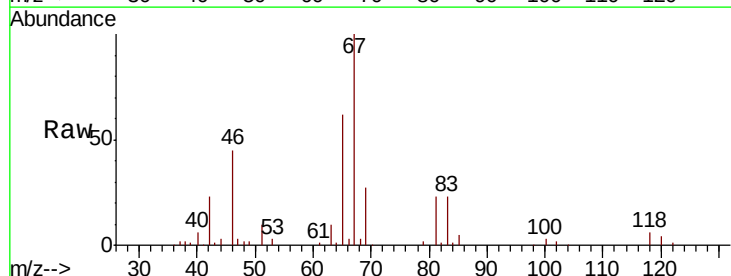
Instrument :
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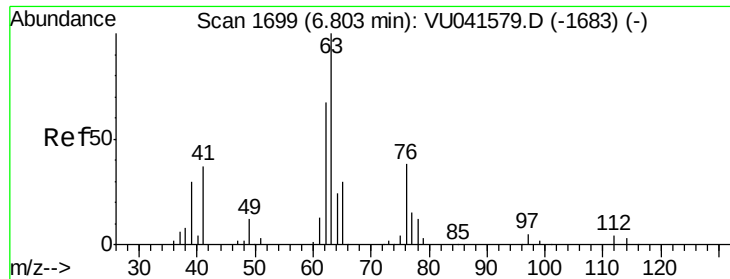
Tot Ion: 62 Resp: 889
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#35
 Methylcyclohexane
 Concen: 0.728 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU041588.D
 Acq: 13 Dec 2020 00:02

Tgt Ion: 83 Resp: 12277
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.2 91.8#
 98 0.4 36.6 54.8#

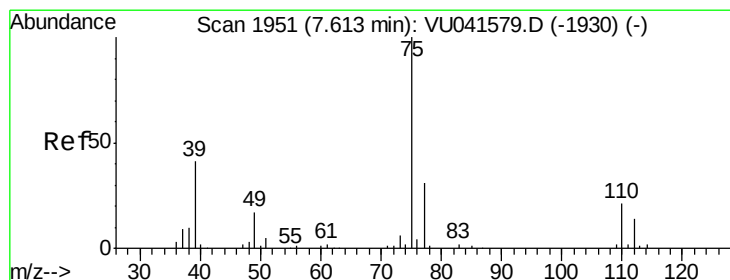
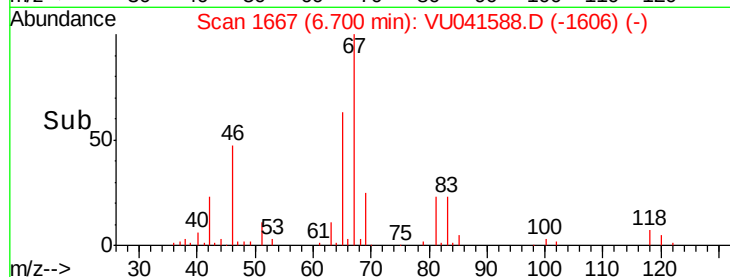
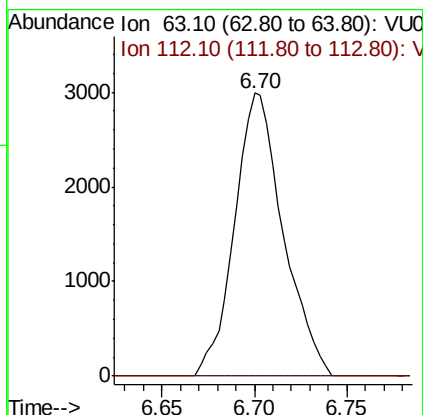
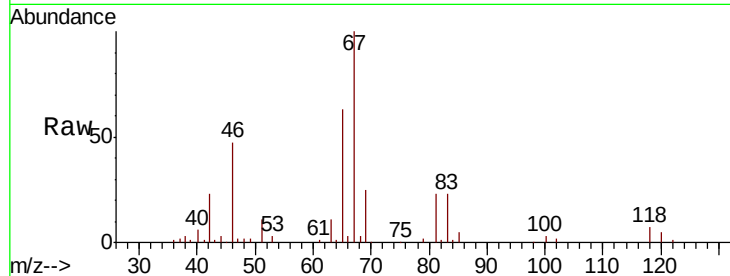




#37
 1,2-Dichloropropane
 Concen: 0.515 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041588.D
 Acq: 13 Dec 2020 00:02

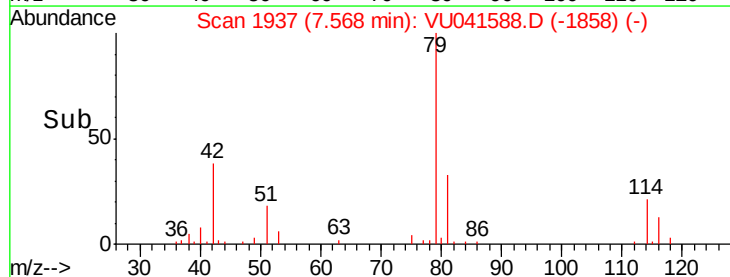
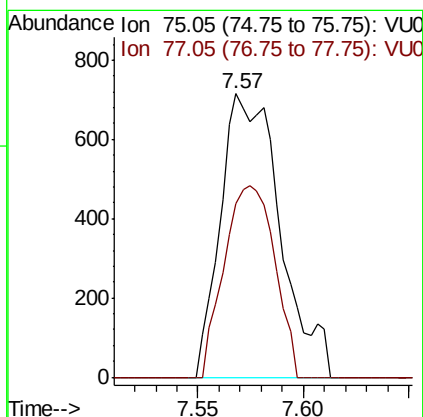
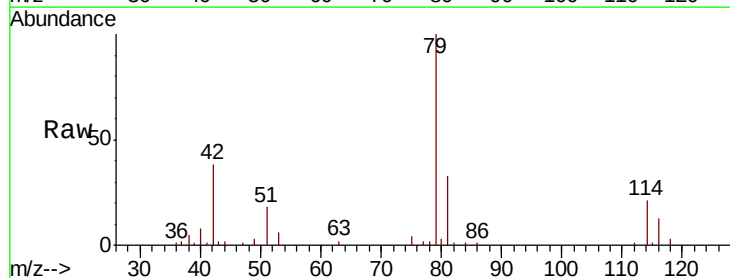
Instrument :
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 ClientSampleId :
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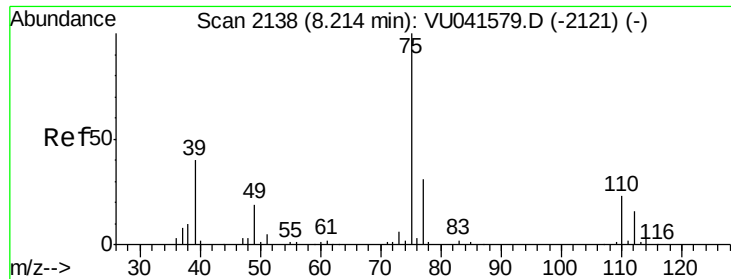
Tot Ion: 63 Resp: 5462
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.04 min
 Lab File: VU041588.D
 Acq: 13 Dec 2020 00:02

Tgt Ion: 75 Resp: 1404
 Ion Ratio Lower Upper
 75 100
 77 61.1 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041588.D

Acq: 13 Dec 2020 00:02

Instrument :

MSVOA_U

ClientSampled :

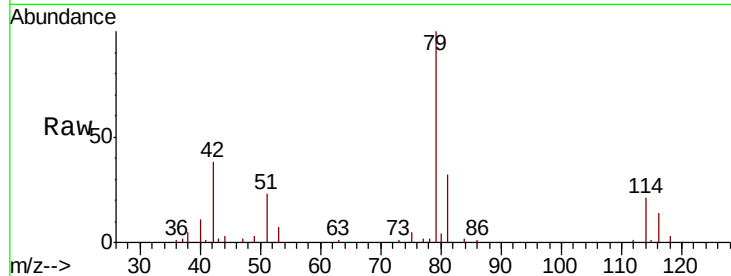
C0B10

Tot Ion: 75 Resp: 1021

Ion Ratio Lower Upper

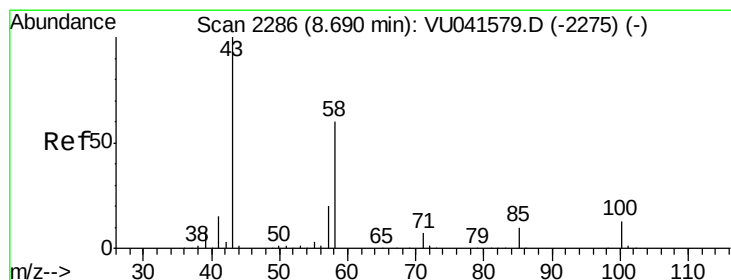
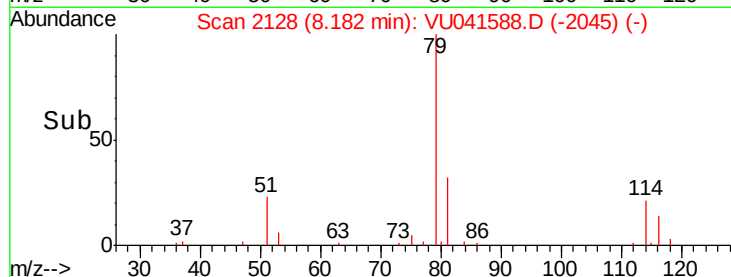
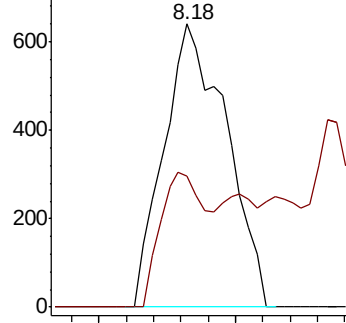
75 100

77 46.4 23.8 44.2#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 2.742 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU041588.D

Acq: 13 Dec 2020 00:02

Tgt Ion: 43 Resp: 15073

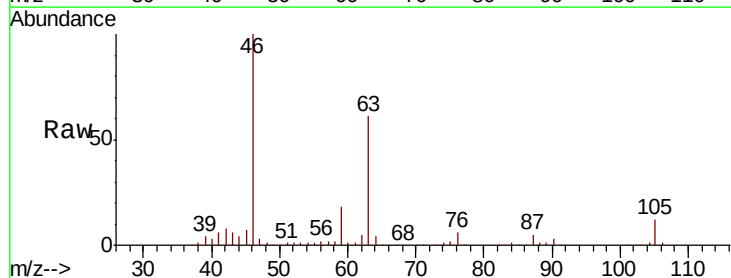
Ion Ratio Lower Upper

43 100

58 28.4 47.9 71.9#

57 28.7 16.5 24.7#

100 0.0 9.4 14.2#

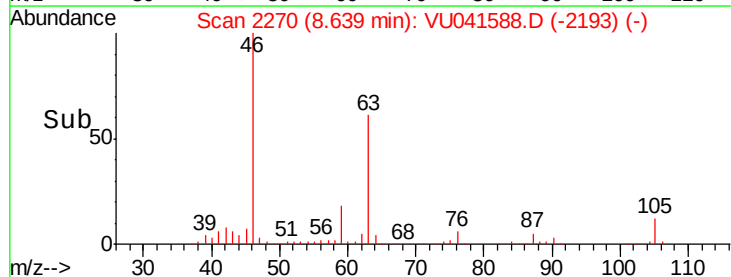
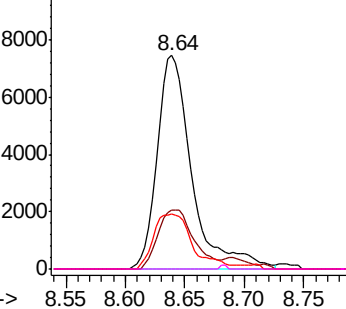


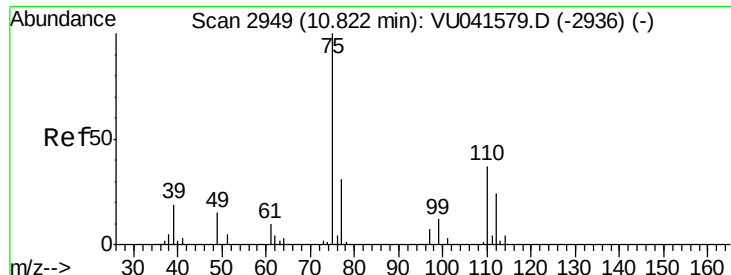
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.982 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041588.D

Acq: 13 Dec 2020 00:02

Instrument :

MSVOA_U

ClientSampleId :

C0B10

Tot Ion: 75 Resp: 7825

Ion Ratio Lower Upper

75 100

77 34.1 26.2 39.2

