

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100220\
 Data File : VU040468.D
 Acq On : 02 Oct 2020 18:39
 Operator : SY/MD
 Sample : L4209-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 00:19:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 03 00:09:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110448	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	109332	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49081	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32691	5.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.60%
7) Chloroethane-d5	1.93	69	26894	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.58	63	53094	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.80%
20) 2-Butanone-d5	4.66	46	136248	50.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.32%
24) Chloroform-d	5.08	84	68923	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.72	65	44228	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.75	84	132005	6.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.20%
36) 1,2-Dichloropropane-d6	6.70	67	46525	5.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.80%
41) Toluene-d8	7.91	98	112631	5.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.00%
43) trans-1,3-Dichloropropene-	8.19	79	17695	5.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.80%
46) 2-Hexanone-d5	8.64	63	93861	48.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.26%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38586	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	43680	5.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.40%

Target Compounds

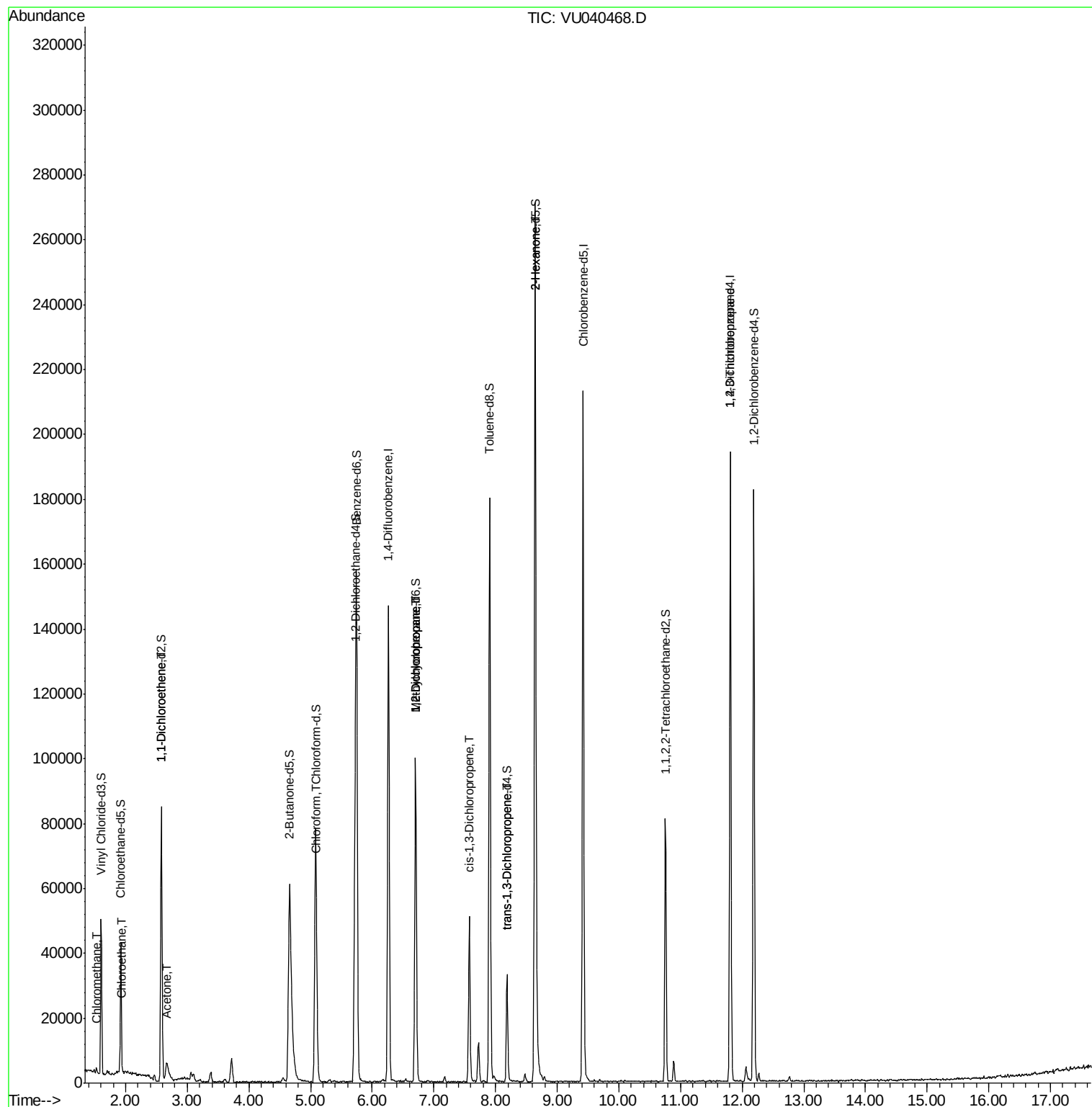
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	1604	0.148	ug/L	100
8) Chloroethane	1.95	64	220	0.035	ug/L #	73
12) 1,1-Dichloroethene	2.58	96	506	0.060	ug/L #	1
13) Acetone	2.66	43	13230	5.845	ug/L	95
25) Chloroform	5.11	83	4383	0.241	ug/L	87
35) Methylcyclohexane	6.70	83	10854	0.760	ug/L #	13
37) 1,2-Dichloropropane	6.71	63	5510	0.540	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1263	0.092	ug/L #	62
44) trans-1,3-Dichloropropene	8.18	75	844	0.067	ug/L	92
48) 2-Hexanone	8.64	43	13069	2.219	ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	6932	0.937	ug/L	91

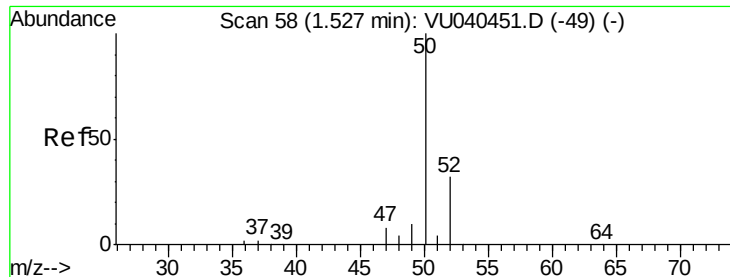
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 03 00:09:31 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.148 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040468.D

Acq: 02 Oct 2020 18:39

Instrument :

MSVOA_U

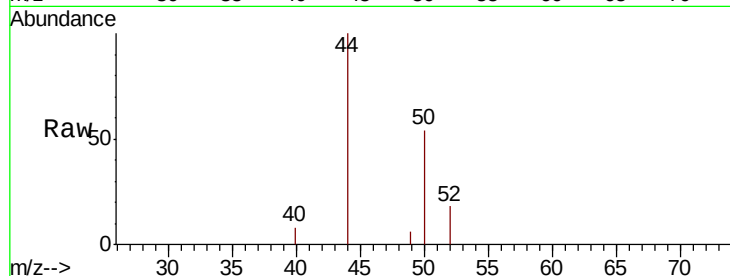
ClientSampled :

Tot Ion: 50 Resp: 1604

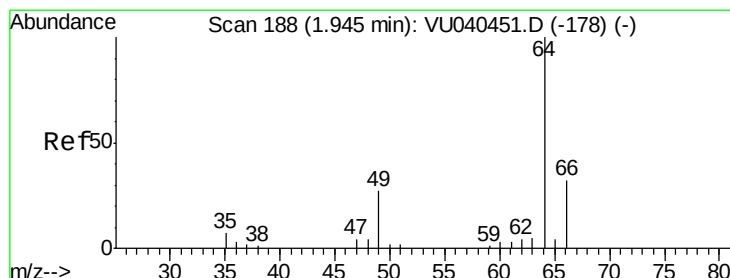
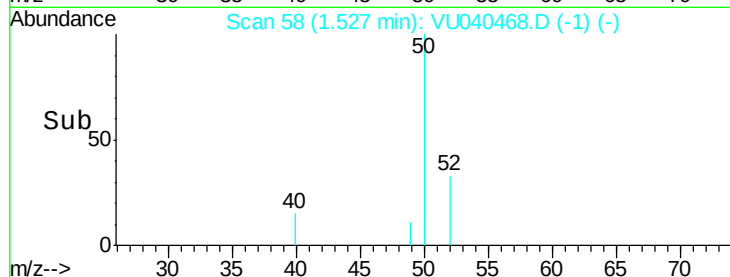
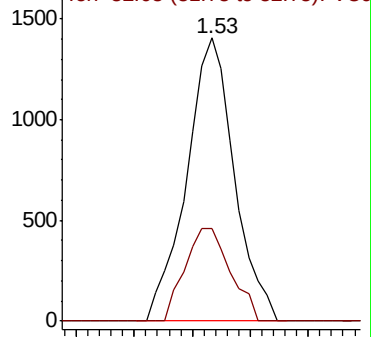
Ion Ratio Lower Upper

50 100

52 32.6 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU040468.D (-1) (-)



#8

Chloroethane

Concen: 0.035 ug/L

RT: 1.95 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU040468.D

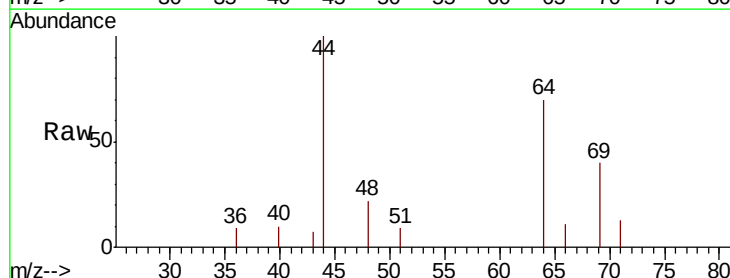
Acq: 02 Oct 2020 18:39

Tgt Ion: 64 Resp: 220

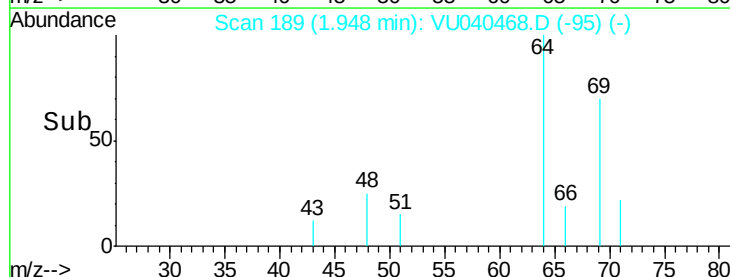
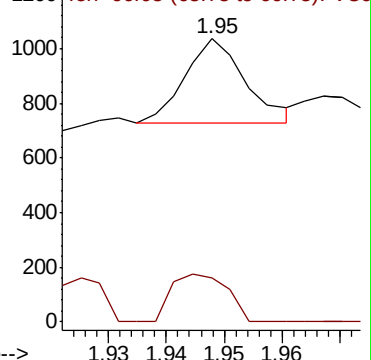
Ion Ratio Lower Upper

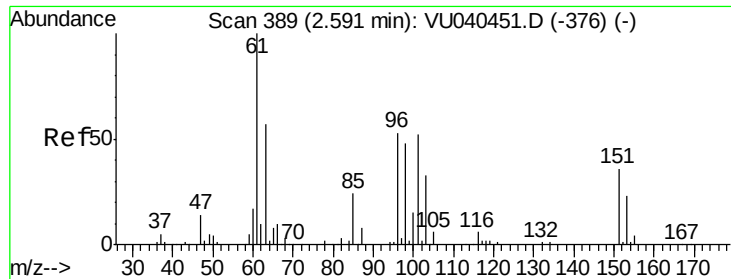
64 100

66 15.6 21.3 39.6#



Abundance Ion 64.10 (63.80 to 64.80): VU040468.D (-95) (-)

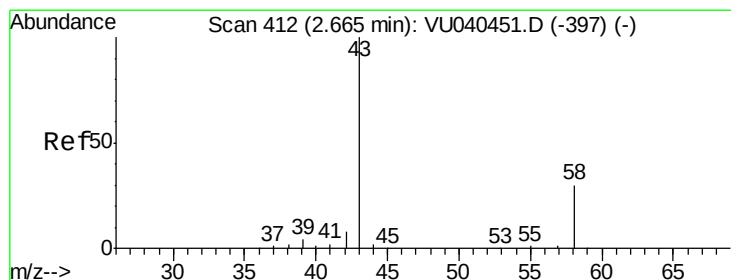
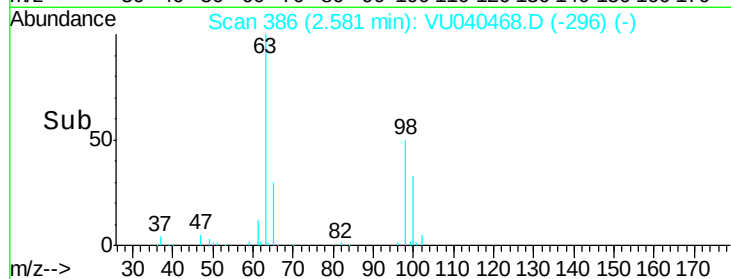
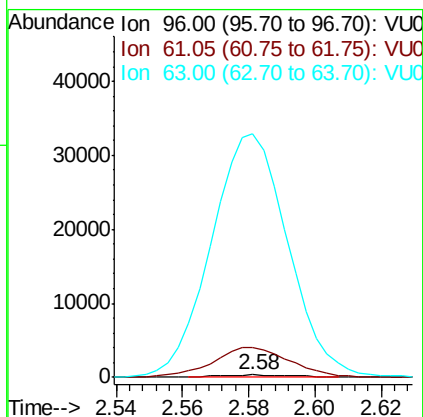
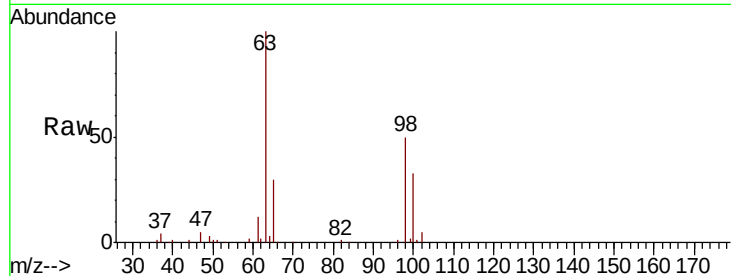




#12
 1,1-Dichloroethene
 Concen: 0.060 ug/L
 RT: 2.58 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VU040468.D
 Acq: 02 Oct 2020 18:39

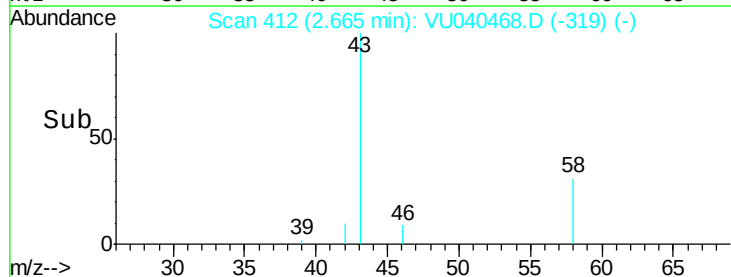
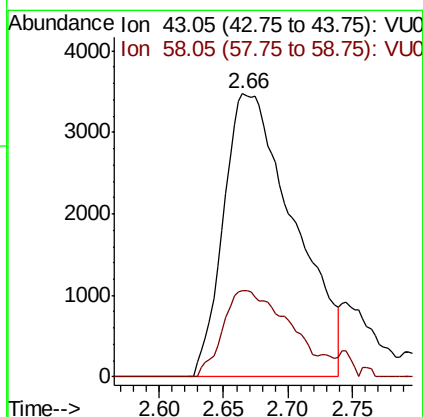
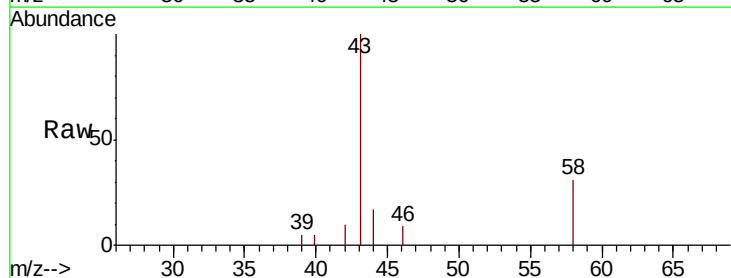
Instrument :
 MSVOA_U
 ClientSampled :

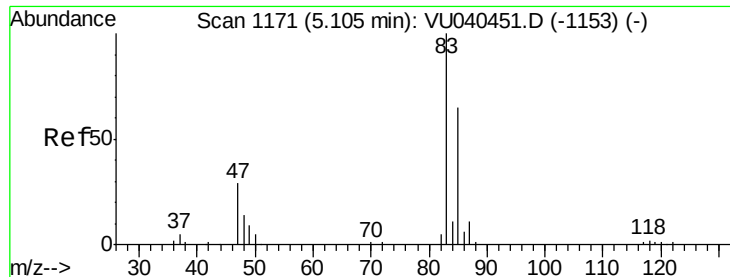
Tot Ion: 96 Resp: 506
 Ion Ratio Lower Upper
 96 100
 61 1273.1 128.6 238.8#
 63 10282.5 67.8 126.0#



#13
 Acetone
 Concen: 5.845 ug/L
 RT: 2.66 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: VU040468.D
 Acq: 02 Oct 2020 18:39

Tgt Ion: 43 Resp: 13230
 Ion Ratio Lower Upper
 43 100
 58 28.0 0.0 61.8

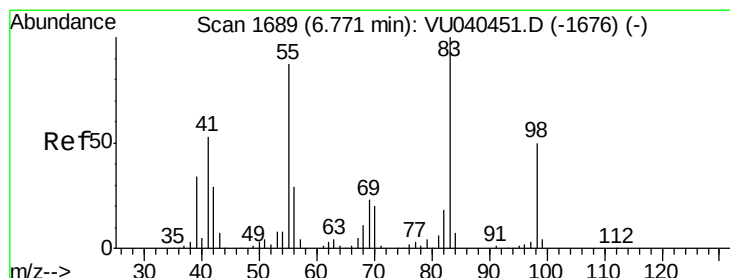
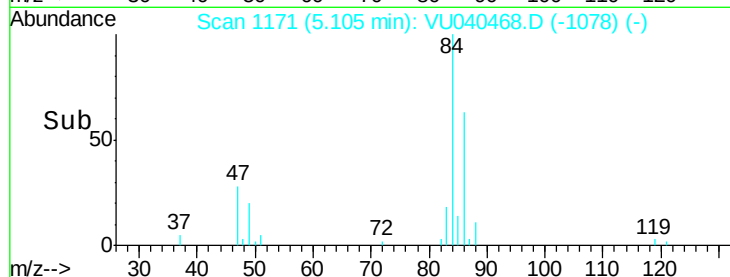
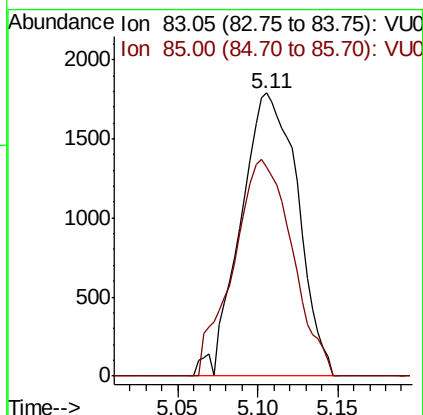
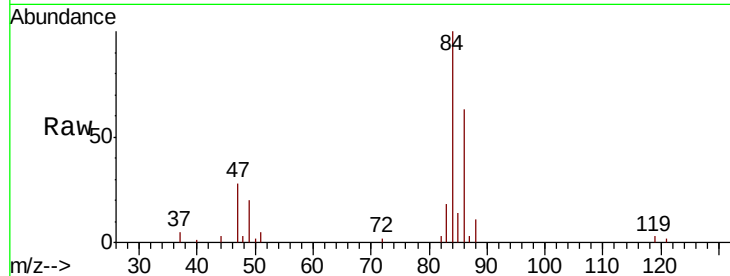




#25
Chloroform
Concen: 0.241 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040468.D
Acq: 02 Oct 2020 18:39

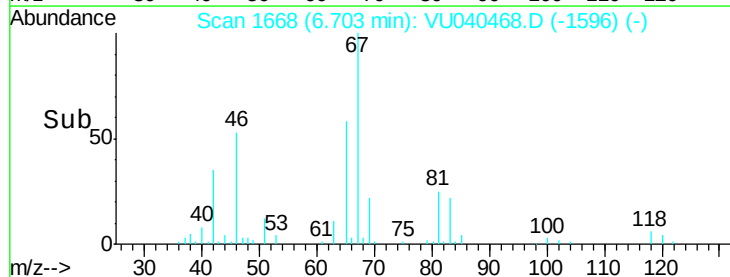
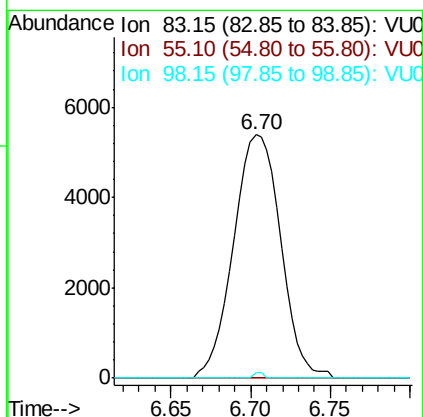
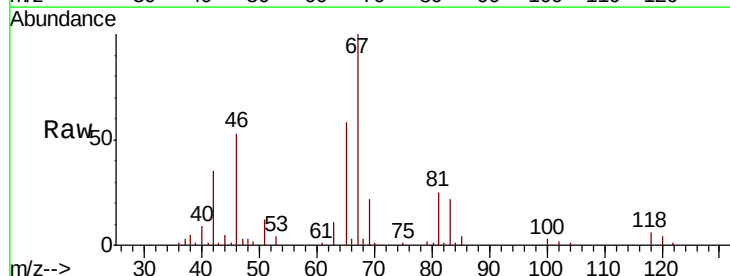
Instrument :
MSVOA_U
ClientSampleId :

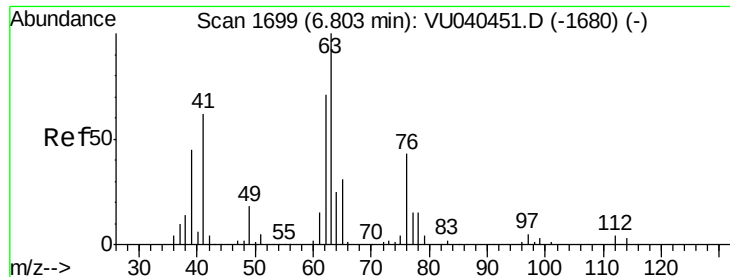
Tot Ion: 83 Resp: 4383
Ion Ratio Lower Upper
83 100
85 73.8 44.6 82.8



#35
Methylcyclohexane
Concen: 0.760 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040468.D
Acq: 02 Oct 2020 18:39

Tgt Ion: 83 Resp: 10854
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 0.4 38.5 57.7#

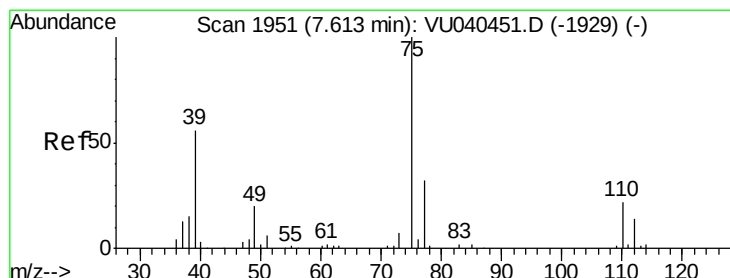
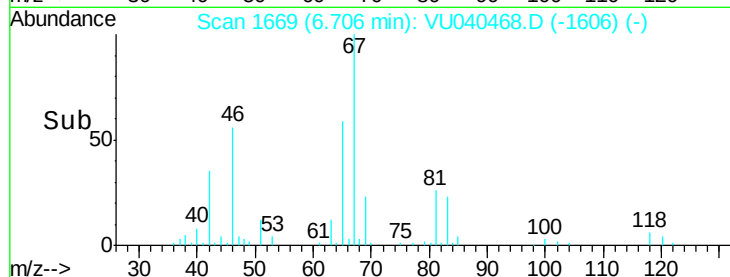
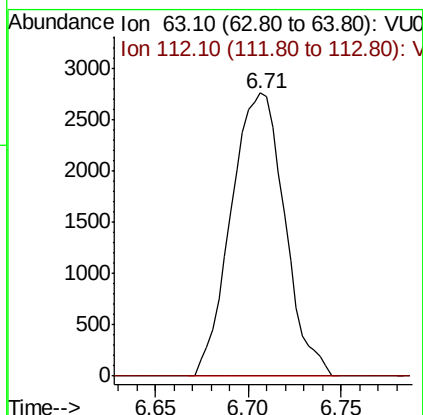
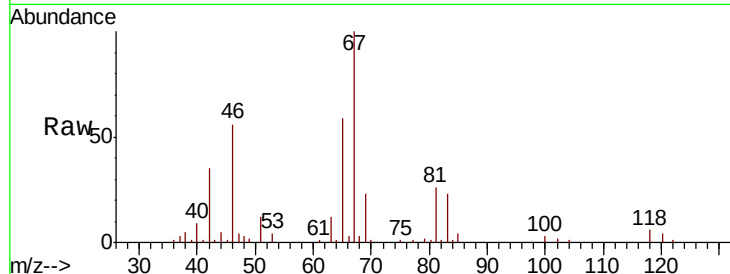




#37
 1,2-Dichloropropane
 Concen: 0.540 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU040468.D
 Acq: 02 Oct 2020 18:39

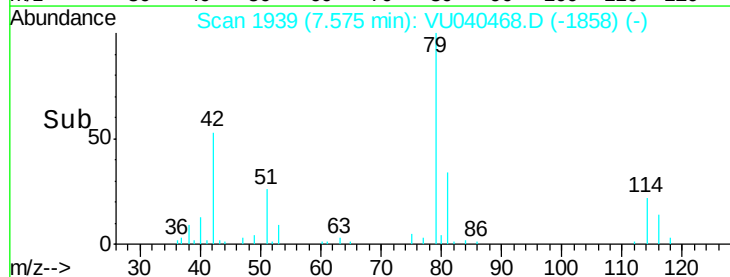
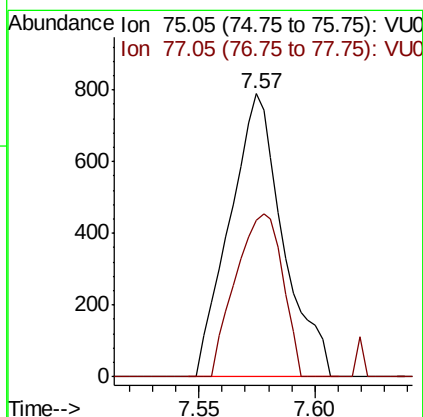
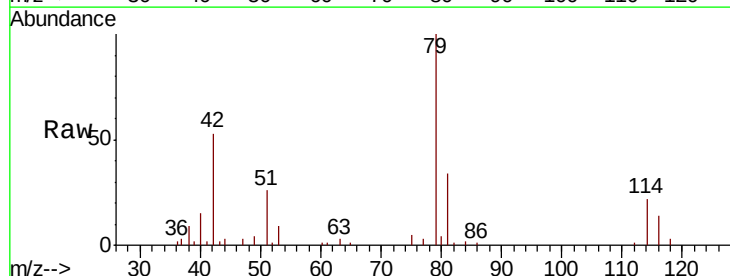
Instrument :
 MSVOA_U
 ClientSampleId :

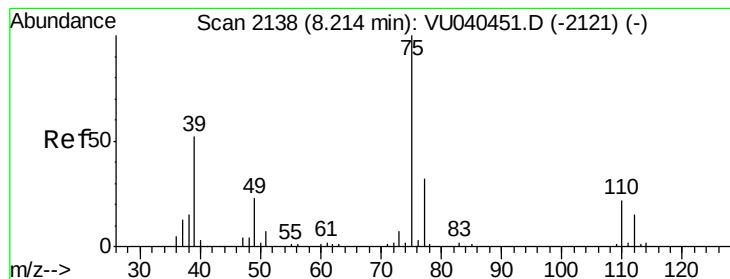
Tot Ion: 63 Resp: 5510
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040468.D
 Acq: 02 Oct 2020 18:39

Tgt Ion: 75 Resp: 1263
 Ion Ratio Lower Upper
 75 100
 77 55.1 23.5 43.7#





#44

trans-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040468.D

Acq: 02 Oct 2020 18:39

Instrument :

MSVOA_U

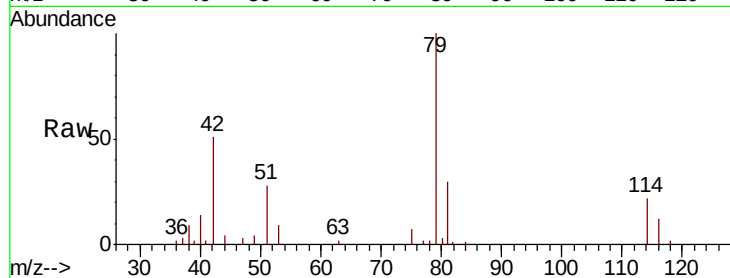
ClientSampleId :

Tot Ion: 75 Resp: 844

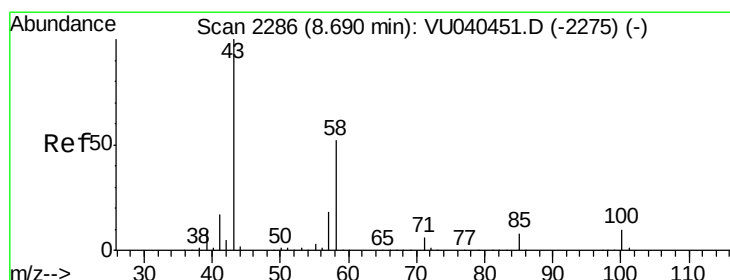
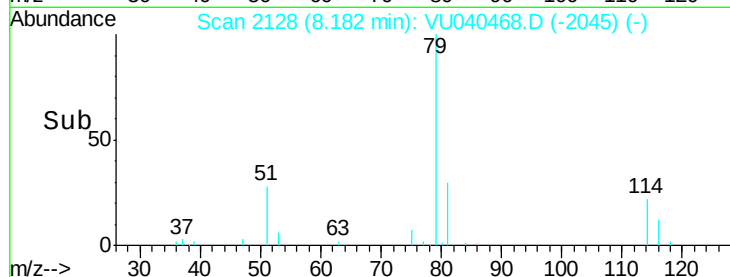
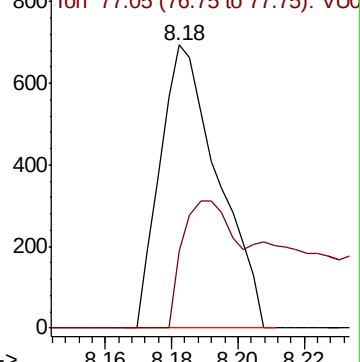
Ion Ratio Lower Upper

75 100

77 27.3 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VU040468.D (-2121) (-)



#48

2-Hexanone

Concen: 2.219 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040468.D

Acq: 02 Oct 2020 18:39

Tgt Ion: 43 Resp: 13069

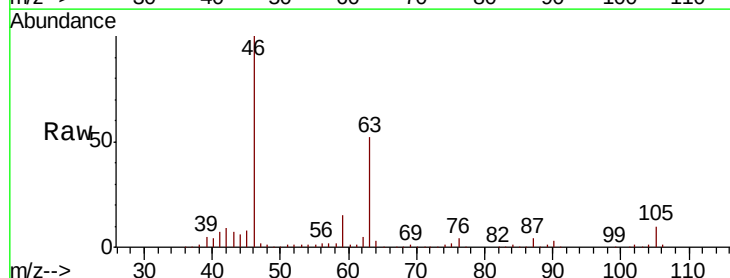
Ion Ratio Lower Upper

43 100

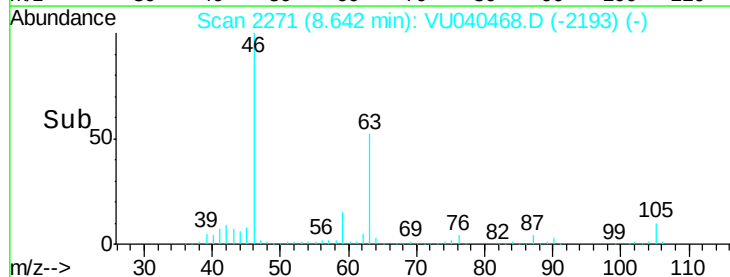
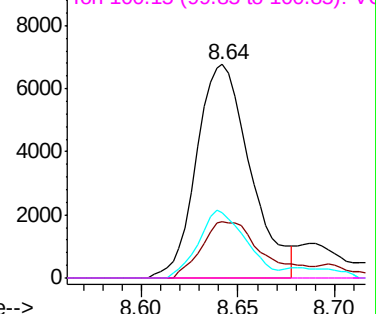
58 30.3 41.0 61.4#

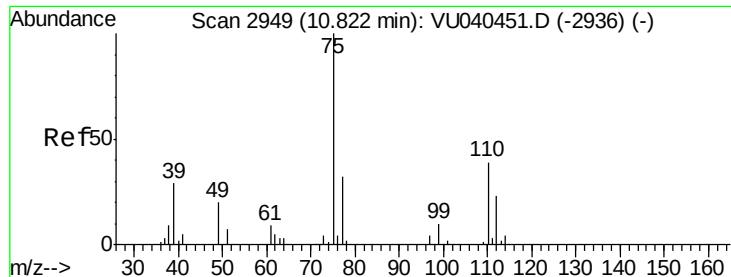
57 28.0 14.6 22.0#

100 0.0 8.2 12.4#



Abundance Ion 43.05 (42.75 to 43.75): VU040468.D (-2193) (-)





#59

1,2,3-Trichloropropane

Concen: 0.937 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040468.D

Acq: 02 Oct 2020 18:39

Instrument :

MSVOA_U

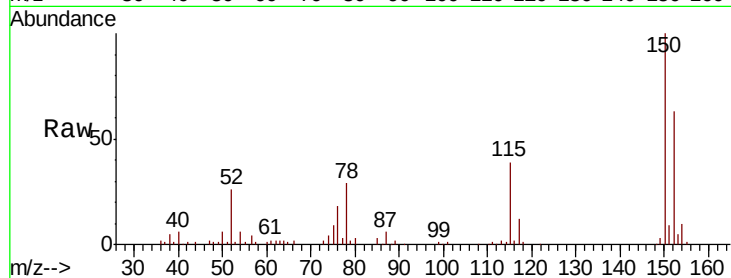
ClientSampleId :

Tot Ion: 75 Resp: 6932

Ion Ratio Lower Upper

75 100

77 37.0 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

