

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062220\
 Data File : VU039028.D
 Acq On : 23 Jun 2020 00:43
 Operator : SY/MD
 Sample : L3073-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L42

Quant Time: Jun 23 01:30:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 01:25:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	246940	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	255733	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	108940	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	115604	5.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.00%
7) Chloroethane-d5	1.93	69	89108	6.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.60%
11) 1,1-Dichloroethene-d2	2.59	63	166429	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.20%
20) 2-Butanone-d5	4.66	46	362026	54.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.62%
24) Chloroform-d	5.10	84	185710	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.74	65	126034	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.20%
32) Benzene-d6	5.76	84	414327	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.72	67	134315	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.92	98	321655	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	8.20	79	54624	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
46) 2-Hexanone-d5	8.65	63	277562	53.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.62%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114982	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	129490	6.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.20%#

Target Compounds

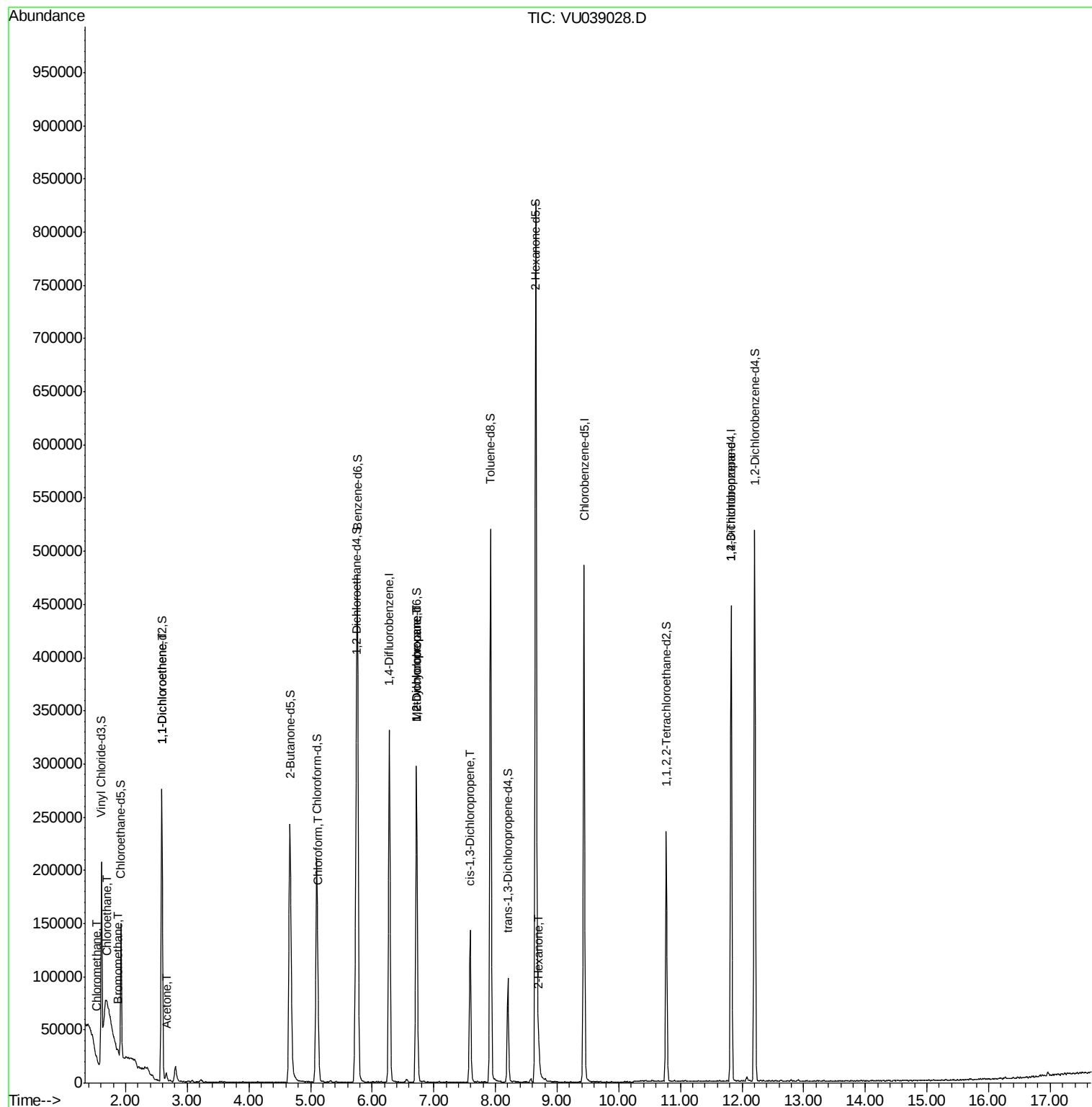
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	1437	0.105	ug/L	93
6) Bromomethane	1.87	94	826	0.137	ug/L	99
8) Chloroethane	1.68	64	9828	0.708	ug/L #	56
12) 1,1-Dichloroethene	2.59	96	1232	0.069	ug/L #	1
13) Acetone	2.66	43	8462	2.031	ug/L	97
25) Chloroform	5.12	83	24168	0.618	ug/L	99
35) Methylcyclohexane	6.72	83	31823	1.019	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	15441	0.695	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3563	0.112	ug/L #	63
48) 2-Hexanone	8.71	43	13344	1.086	ug/L #	88
59) 1,2,3-Trichloropropane	11.82	75	14994	0.917	ug/L #	87

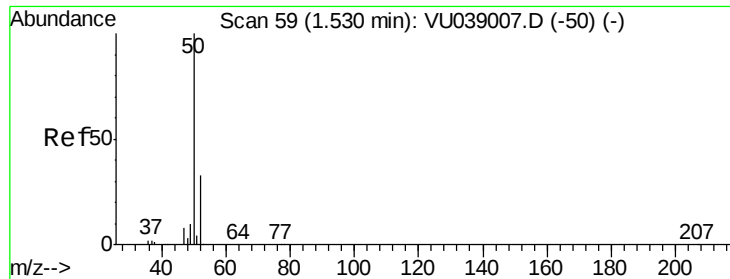
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 23 01:25:34 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.105 ug/L

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU039028.D

Acq: 23 Jun 2020 00:43

Instrument :

MSVOA_U

ClientSampled :

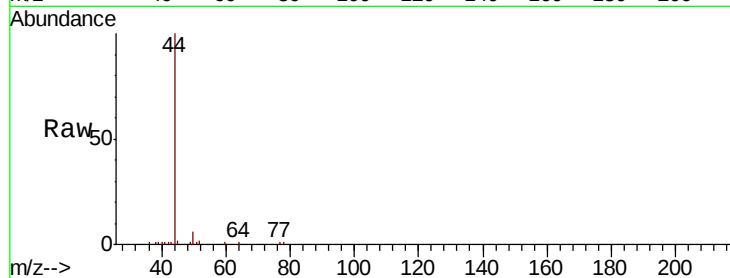
F9L42

Tot Ion: 50 Resp: 1437

Ion Ratio Lower Upper

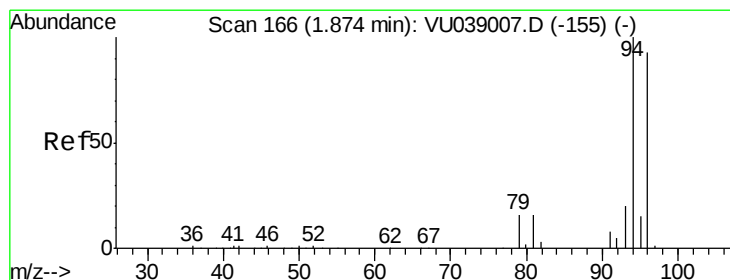
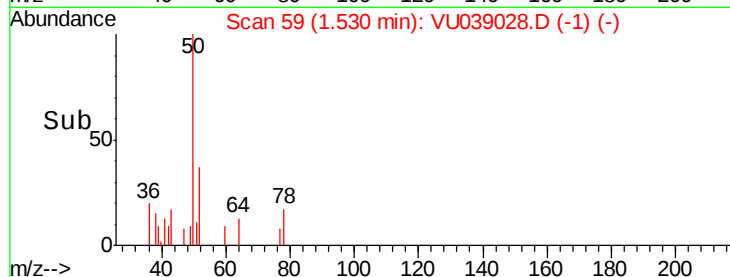
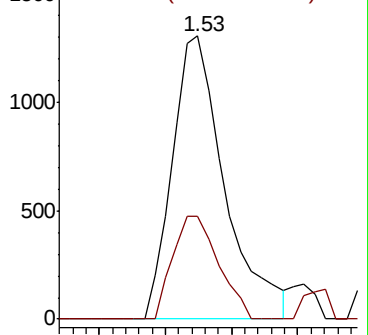
50 100

52 36.6 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU039007.D (-50) (-)

Ion 52.05 (51.75 to 52.75): VU039028.D (-1) (-)



#6

Bromomethane

Concen: 0.137 ug/L

RT: 1.87 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU039028.D

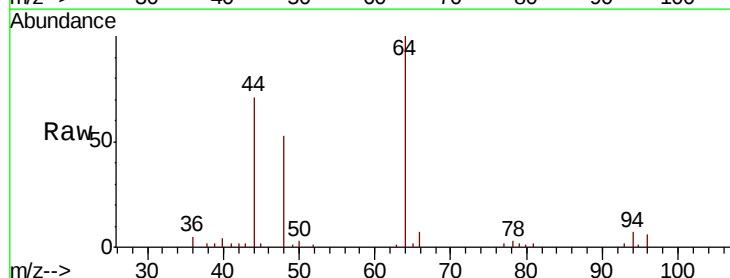
Acq: 23 Jun 2020 00:43

Tgt Ion: 94 Resp: 826

Ion Ratio Lower Upper

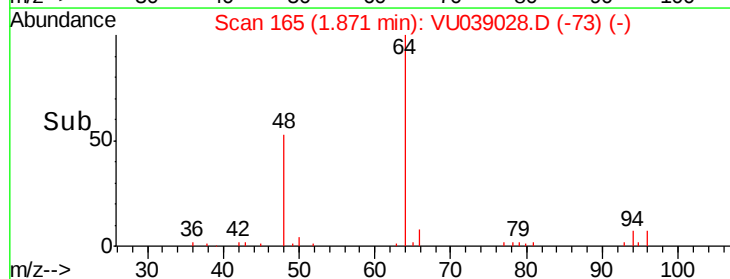
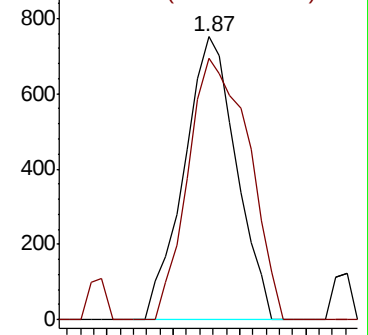
94 100

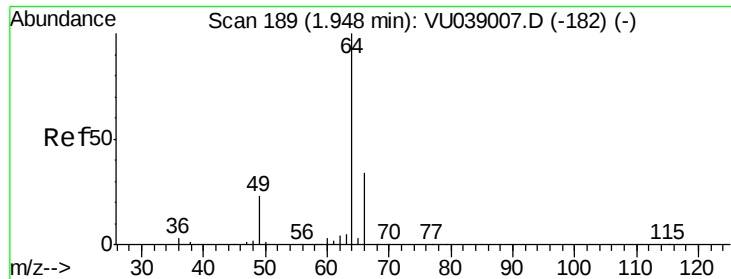
96 92.3 65.5 121.7



Abundance Ion 94.00 (93.70 to 94.70): VU039007.D (-155) (-)

Ion 96.00 (95.70 to 96.70): VU039028.D (-73) (-)

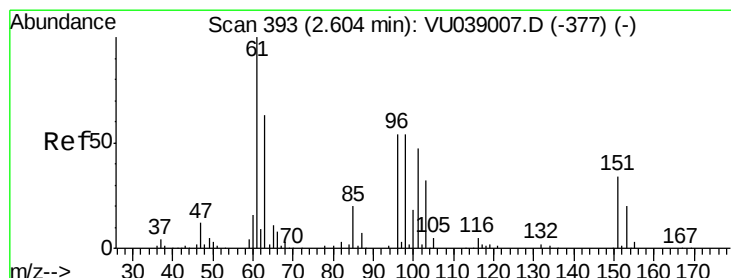
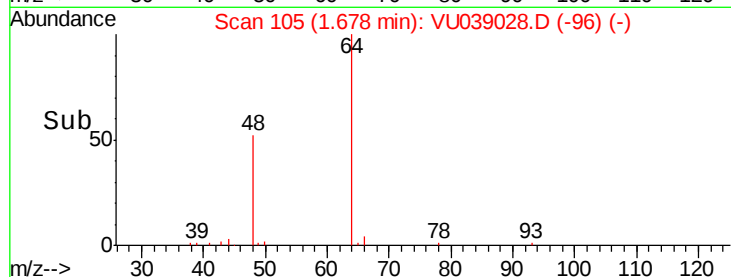
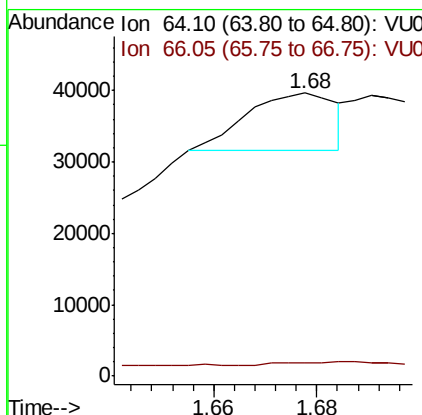
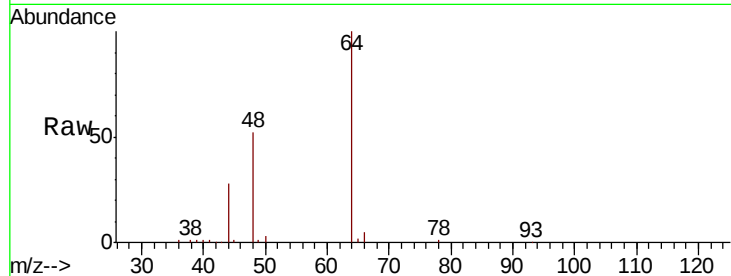




#8
 Chloroethane
 Concen: 0.708 ug/L
 RT: 1.68 min Scan# 105
 Delta R.T. -0.27 min
 Lab File: VU039028.D
 Acq: 23 Jun 2020 00:43

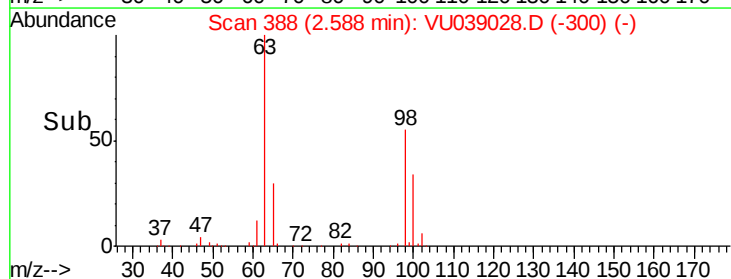
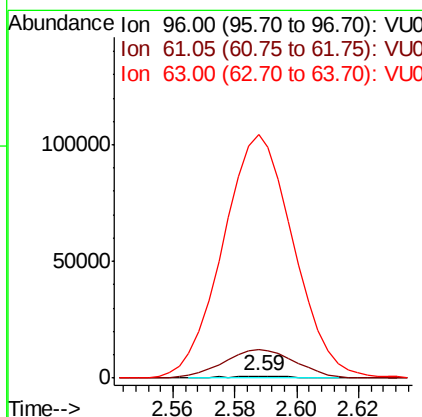
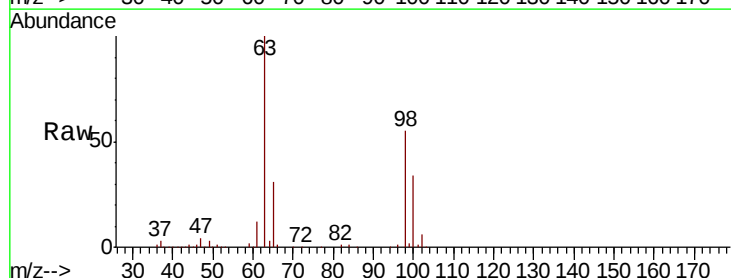
Instrument :
 MSVOA_U
 ClientSampleId :
 F9L42

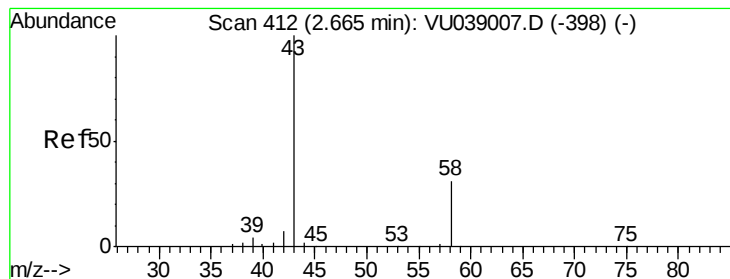
Tot Ion: 64 Resp: 9828
 Ion Ratio Lower Upper
 64 100
 66 4.9 19.4 36.0#



#12
 1,1-Dichloroethene
 Concen: 0.069 ug/L
 RT: 2.59 min Scan# 388
 Delta R.T. -0.02 min
 Lab File: VU039028.D
 Acq: 23 Jun 2020 00:43

Tgt Ion: 96 Resp: 1232
 Ion Ratio Lower Upper
 96 100
 61 1251.8 128.7 239.1#
 63 10539.0 101.5 188.5#





#13

Acetone

Concen: 2.031 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU039028.D

Acq: 23 Jun 2020 00:43

Instrument :

MSVOA_U

ClientSampleId :

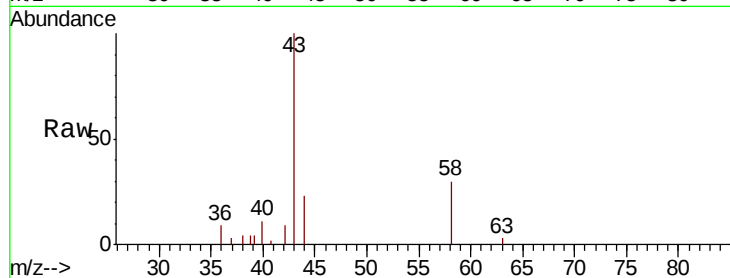
F9L42

Tot Ion: 43 Resp: 8462

Ion Ratio Lower Upper

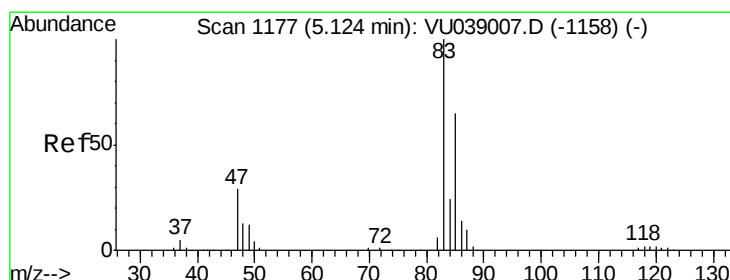
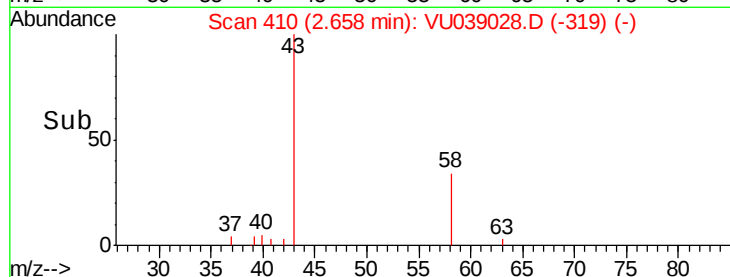
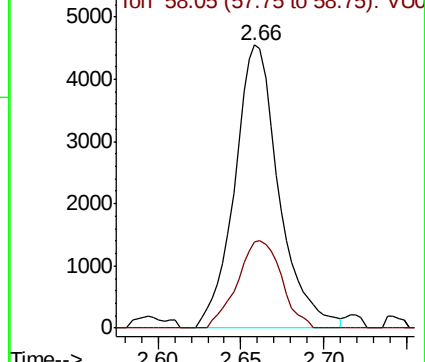
43 100

58 30.6 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU039007.D (-398) (-)

Ion 58.05 (57.75 to 58.75): VU039007.D (-398) (-)



#25

Chloroform

Concen: 0.618 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VU039028.D

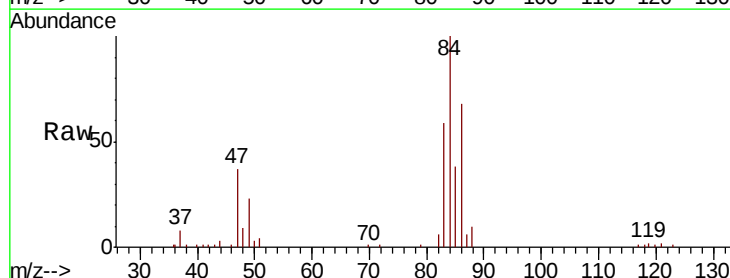
Acq: 23 Jun 2020 00:43

Tgt Ion: 83 Resp: 24168

Ion Ratio Lower Upper

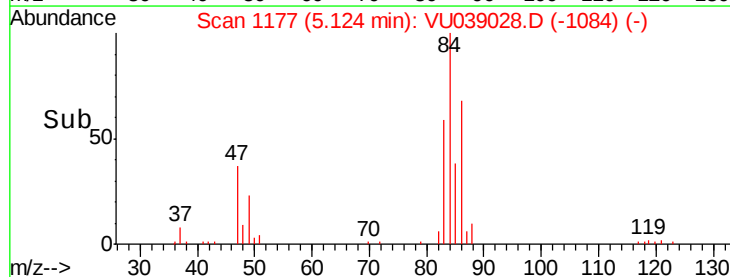
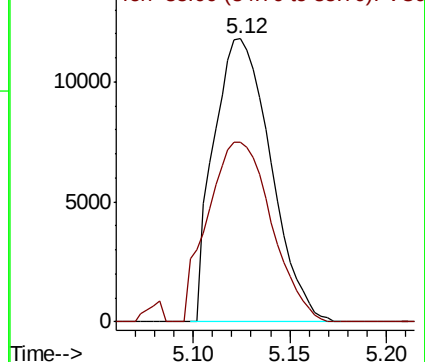
83 100

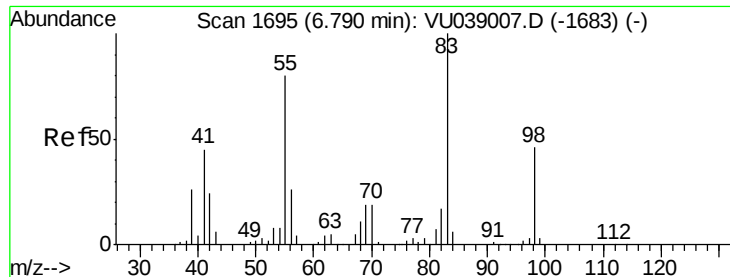
85 63.5 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039007.D (-1158) (-)

Ion 85.00 (84.70 to 85.70): VU039007.D (-1158) (-)

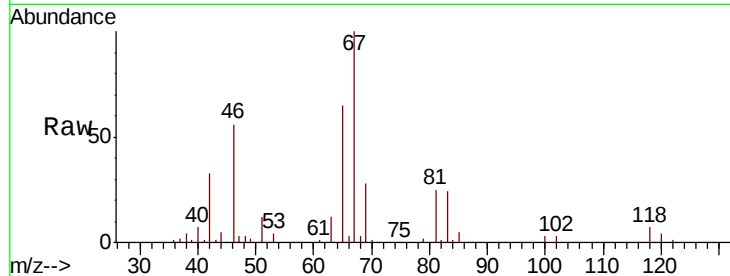




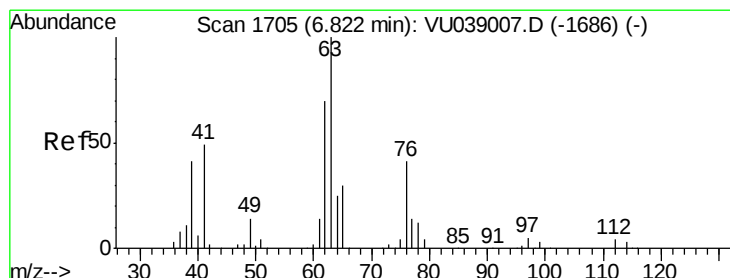
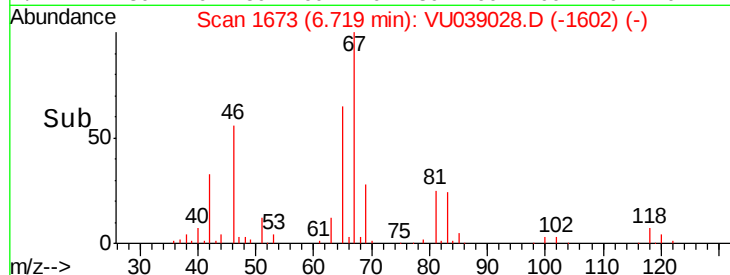
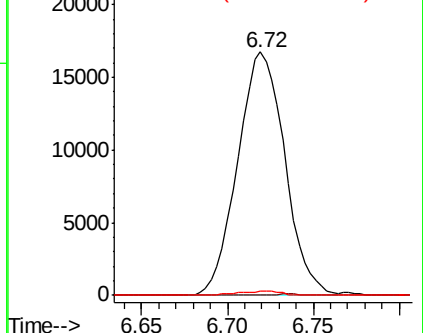
#35
Methvlcvclohexane
Concen: 1.019 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039028.D
Acq: 23 Jun 2020 00:43

Instrument :
MSVOA_U
ClientSampleId :
F9L42

Tot Ion: 83 Resp: 31823
Ion Ratio Lower Upper
83 100
55 0.3 65.1 97.7#
98 1.4 37.0 55.4#

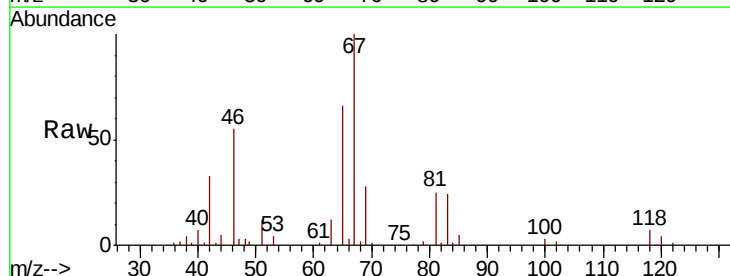


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

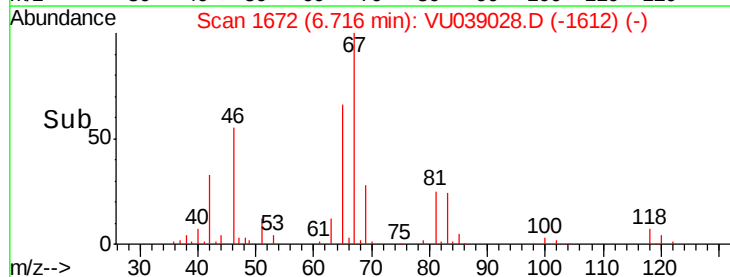
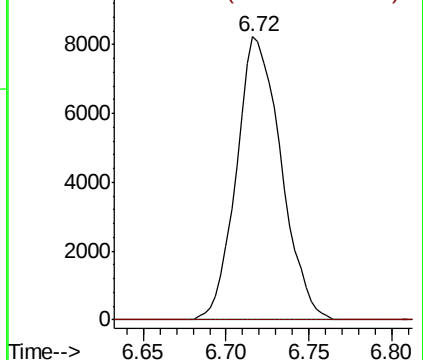


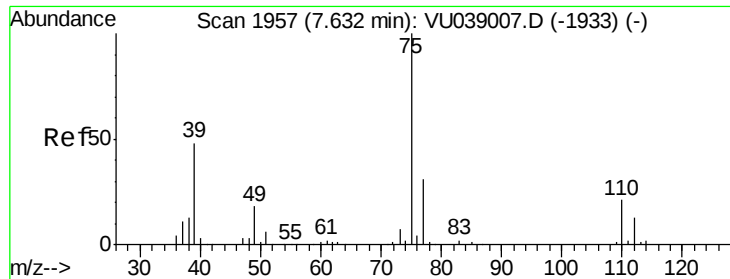
#37
1,2-Dichloropropane
Concen: 0.695 ug/L
RT: 6.72 min Scan# 1672
Delta R.T. -0.11 min
Lab File: VU039028.D
Acq: 23 Jun 2020 00:43

Tgt Ion: 63 Resp: 15441
Ion Ratio Lower Upper
63 100
112 0.1 3.4 5.2#



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

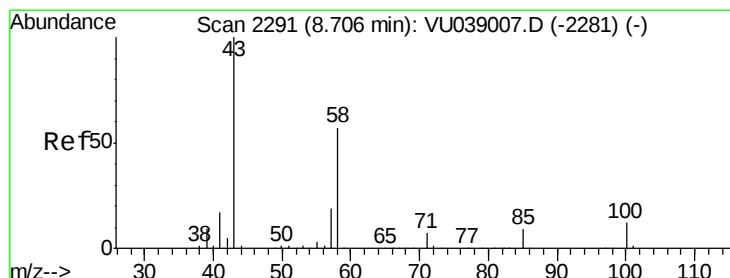
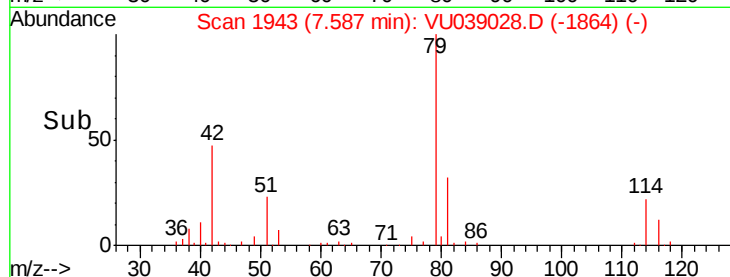
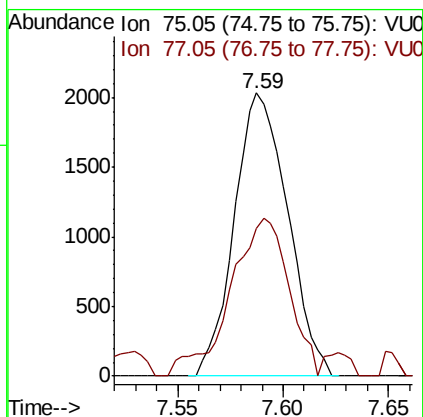
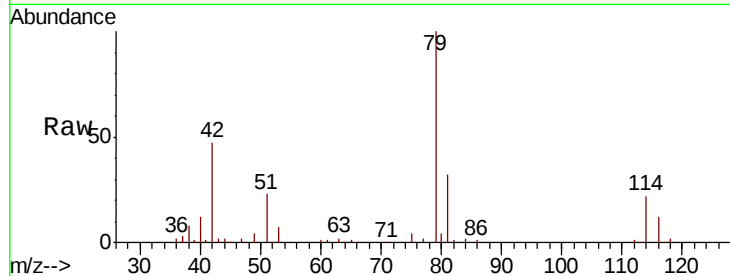




#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU039028.D
 Acq: 23 Jun 2020 00:43

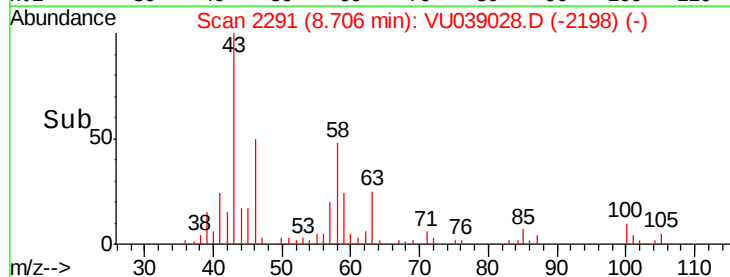
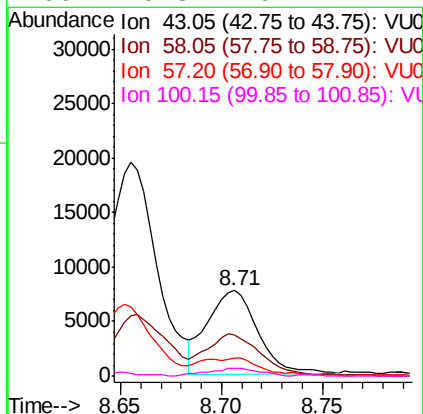
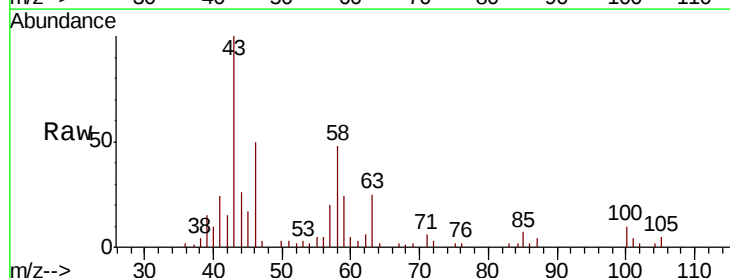
Instrument :
 MSVOA_U
 ClientSampled :
 F9L42

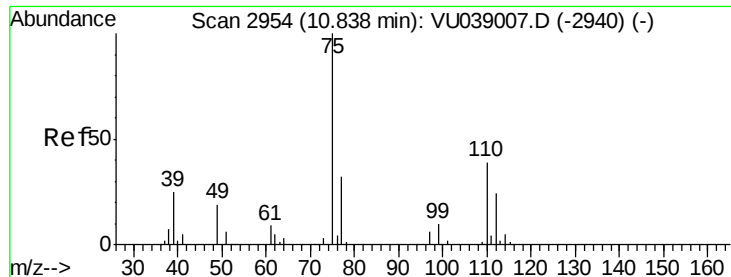
Tot Ion: 75 Resp: 3563
 Ion Ratio Lower Upper
 75 100
 77 52.2 22.0 41.0#



#48
 2-Hexanone
 Concen: 1.086 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: VU039028.D
 Acq: 23 Jun 2020 00:43

Tgt Ion: 43 Resp: 13344
 Ion Ratio Lower Upper
 43 100
 58 51.0 43.5 65.3
 57 3.2 15.0 22.4#
 100 9.3 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.917 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039028.D

Acq: 23 Jun 2020 00:43

Instrument :

MSVOA_U

ClientSampleId :

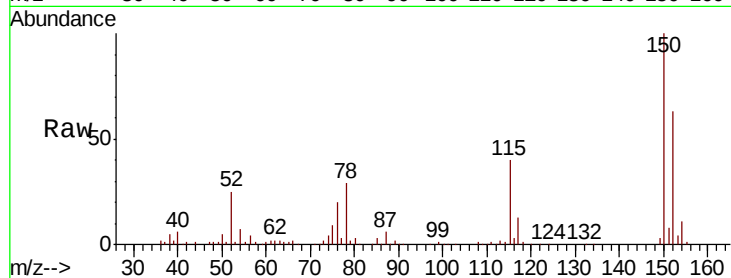
F9L42

Tot Ion: 75 Resp: 14994

Ion Ratio Lower Upper

75 100

77 39.1 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

