

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
 Data File : VU038479.D
 Acq On : 01 Jun 2020 18:23
 Operator : JC/MD
 Sample : L2789-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 02 05:30:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 05:25:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	296226	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	290208	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	136713	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	74542	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.93	69	72698	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.59	63	123060	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.68	46	348383	59.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.64%
24) Chloroform-d	5.10	84	190099	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.74	65	114725	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.76	84	369833	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.72	67	119333	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.92	98	306668	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.20	79	46417	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.65	63	299460	63.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.58%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	106002	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	130805	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

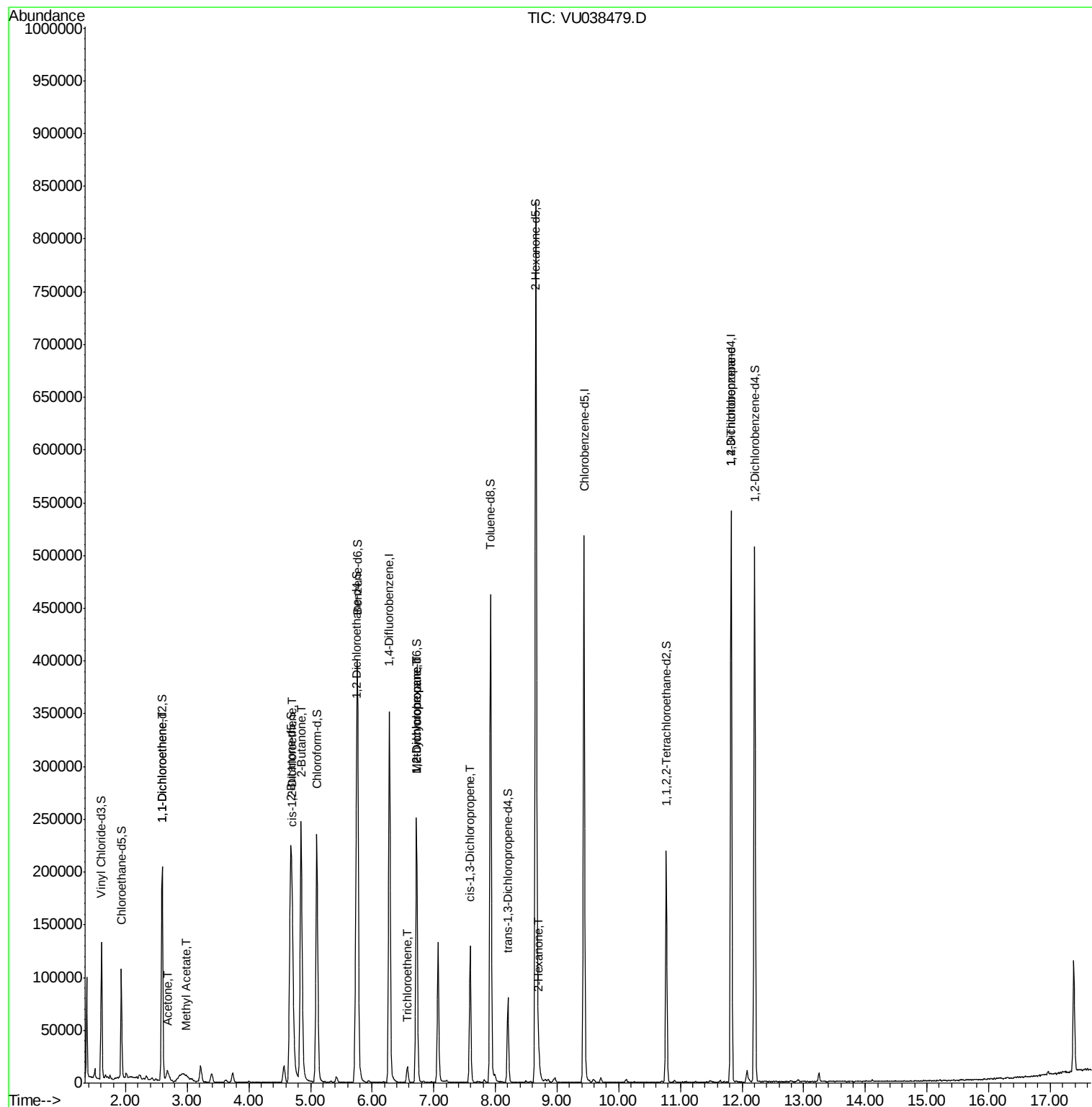
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1268	0.070	ug/L #	1
13) Acetone	2.68	43	20282	5.321	ug/L	94
15) Methyl Acetate	2.98	43	1721	0.184	ug/L #	56
21) 2-Butanone	4.85	43	352869	55.042	ug/L #	50
22) cis-1,2-Dichloroethene	4.71	96	32763	1.548	ug/L	94
34) Trichloroethene	6.57	95	4721	0.225	ug/L	97
35) Methylcyclohexane	6.72	83	29270	0.900	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12468	0.612	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3259	0.108	ug/L	87
48) 2-Hexanone	8.71	43	11577	1.050	ug/L #	94
59) 1,2,3-Trichloropropane	11.83	75	17255	1.135	ug/L	89

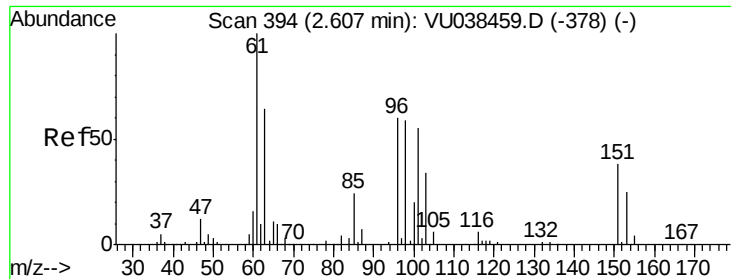
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.070 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU038479.D

Acq: 01 Jun 2020 18:23

Instrument :
MSVOA_U
ClientSampleId :

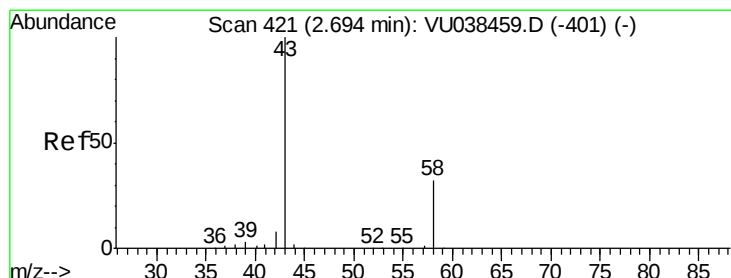
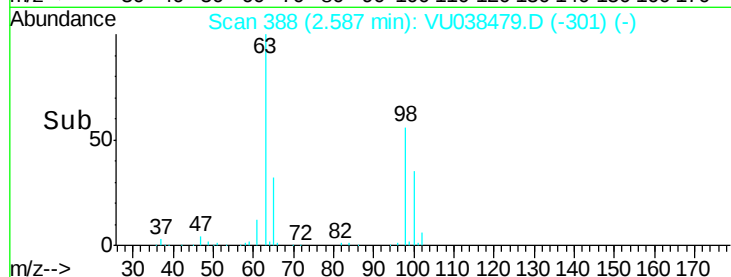
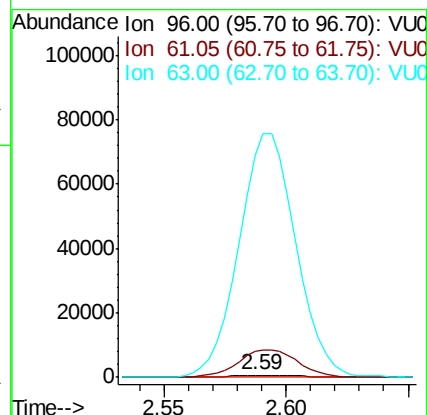
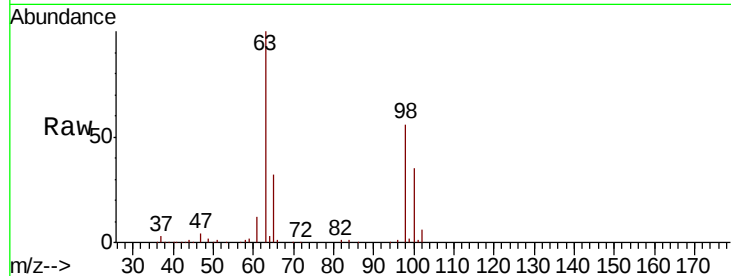
Tot Ion: 96 Resp: 1268

Ion Ratio Lower Upper

96 100

61 1216.0 119.9 222.7#

63 10389.1 89.9 167.0#



#13

Acetone

Concen: 5.321 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.02 min

Lab File: VU038479.D

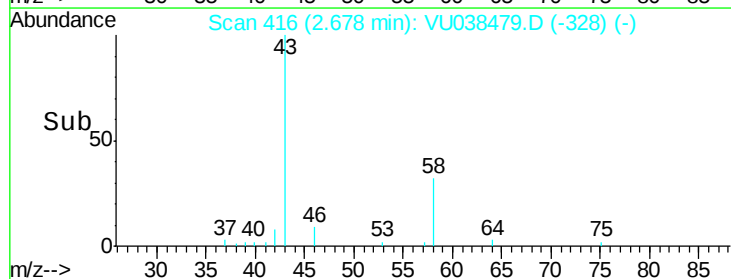
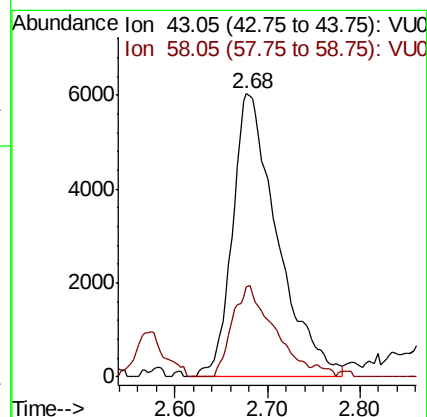
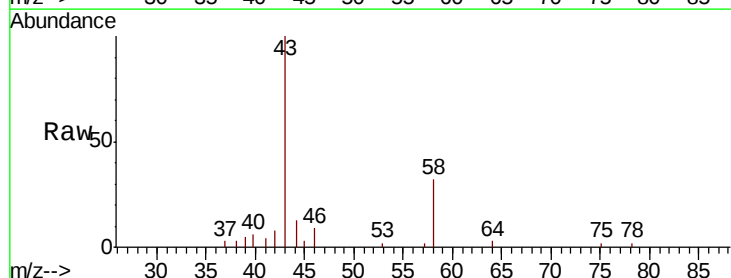
Acq: 01 Jun 2020 18:23

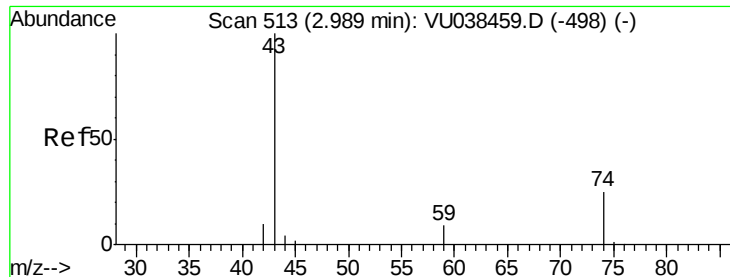
Tgt Ion: 43 Resp: 20282

Ion Ratio Lower Upper

43 100

58 29.5 0.0 65.6

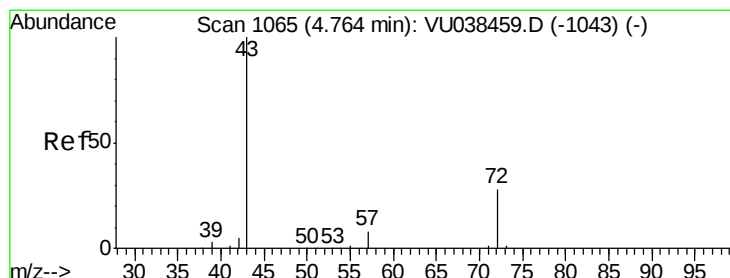
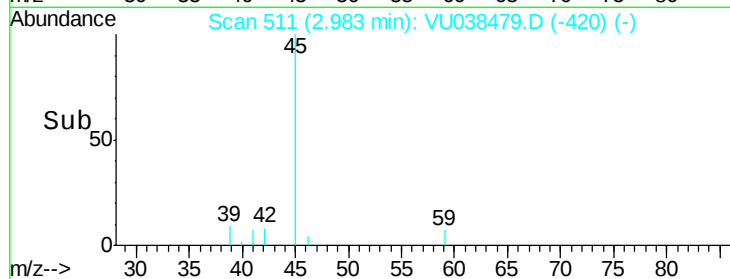
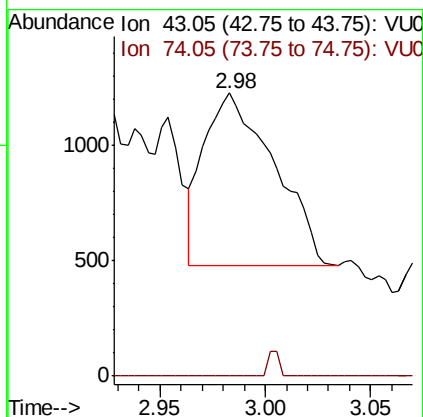
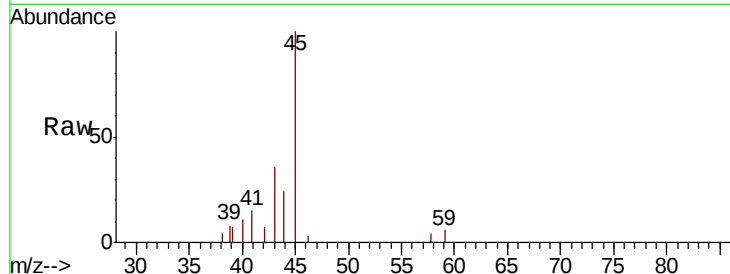




#15
Methvl Acetate
Concen: 0.184 ug/L
RT: 2.98 min Scan# 511
Delta R.T. -0.01 min
Lab File: VU038479.D
Acq: 01 Jun 2020 18:23

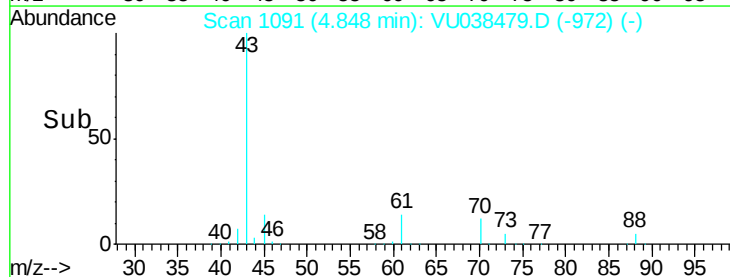
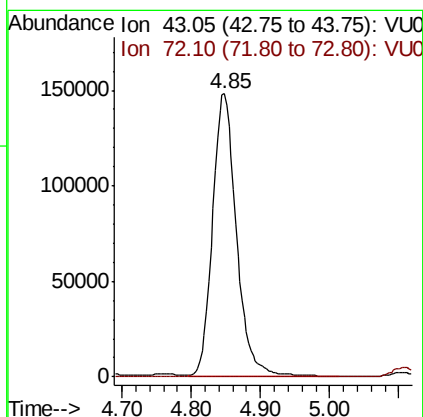
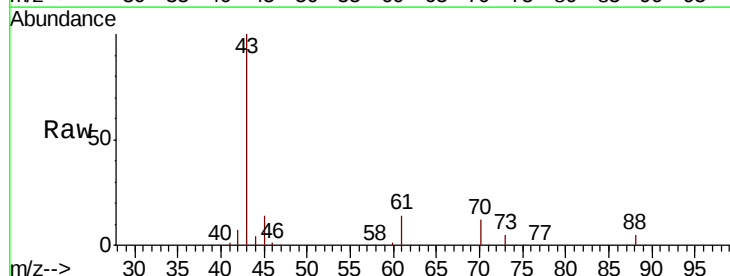
Instrument :
MSVOA_U
ClientSampleId :

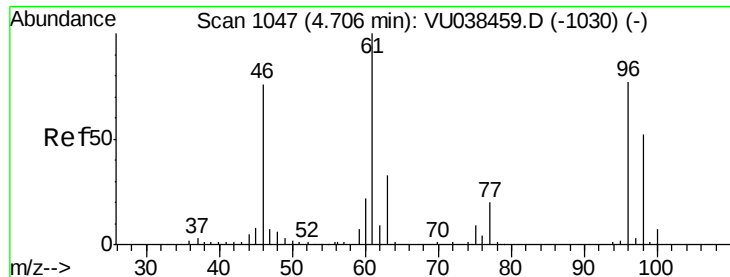
Tot Ion: 43 Resp: 1721
Ion Ratio Lower Upper
43 100
74 2.4 19.2 28.8#



#21
2-Butanone
Concen: 55.042 ug/L
RT: 4.85 min Scan# 1091
Delta R.T. 0.08 min
Lab File: VU038479.D
Acq: 01 Jun 2020 18:23

Tgt Ion: 43 Resp: 352869
Ion Ratio Lower Upper
43 100
72 0.0 12.6 37.8#





#22

cis-1,2-Dichloroethene

Concen: 1.548 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038479.D

Acq: 01 Jun 2020 18:23

Instrument :

MSVOA_U

ClientSampled :

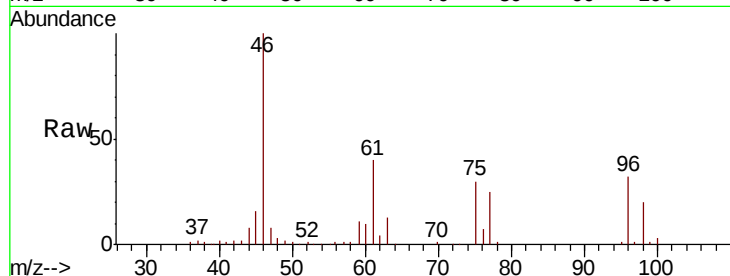
Tot Ion: 96 Resp: 32763

Ion Ratio Lower Upper

96 100

61 127.3 94.0 174.6

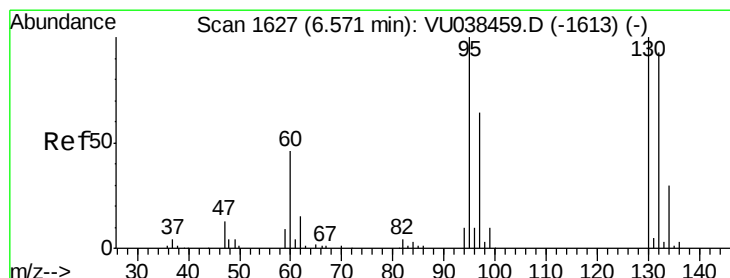
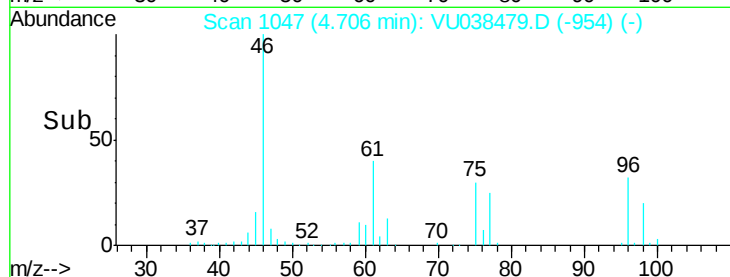
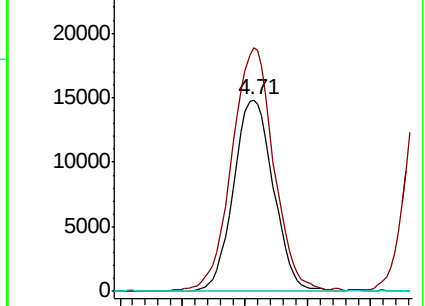
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038479.D (-1534) (-)

Ion 61.05 (60.75 to 61.75): VU038479.D (-1534) (-)

Ion 68.15 (67.85 to 68.85): VU038479.D (-1534) (-)



#34

Trichloroethene

Concen: 0.225 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU038479.D

Acq: 01 Jun 2020 18:23

Tgt Ion: 95 Resp: 4721

Ion Ratio Lower Upper

95 100

97 66.1 46.8 87.0

132 92.6 66.1 122.7

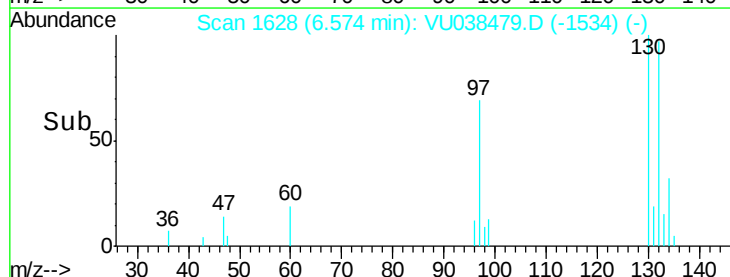
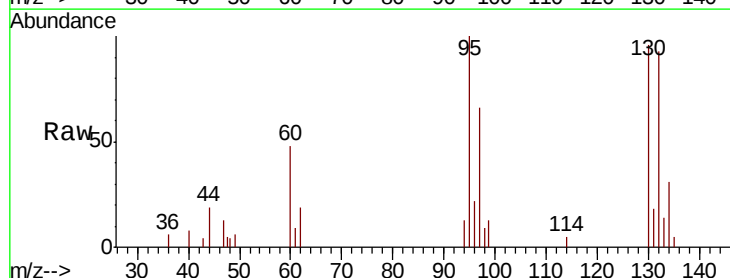
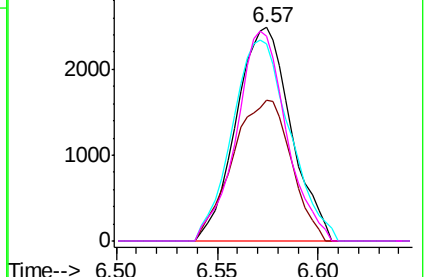
130 95.7 70.0 130.0

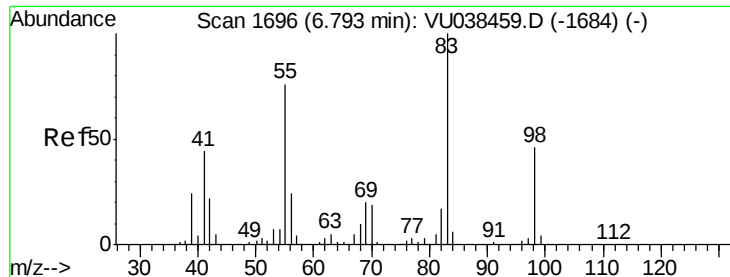
Abundance Ion 95.00 (94.70 to 95.70): VU038479.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU038479.D (-1534) (-)

Ion 131.95 (131.65 to 132.65): VU038479.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU038479.D (-1534) (-)

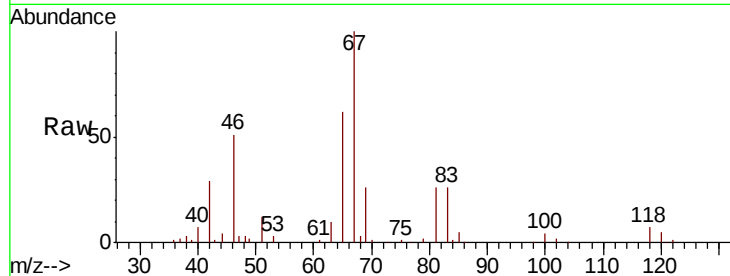




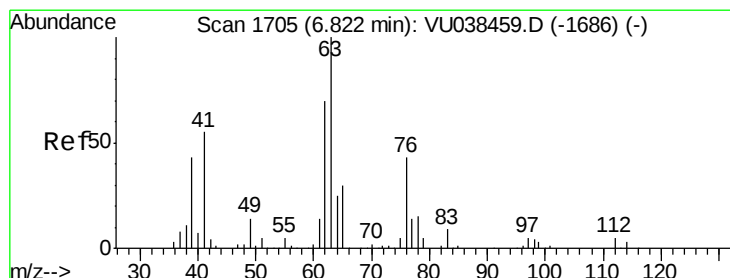
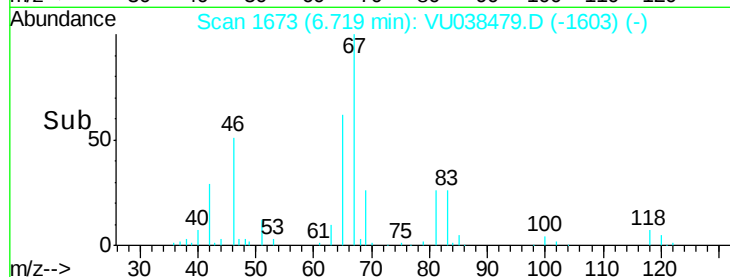
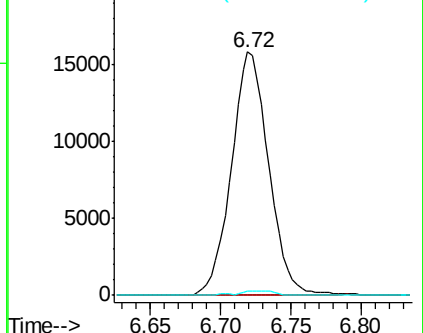
#35
Methvlcvclohexane
Concen: 0.900 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038479.D
Acq: 01 Jun 2020 18:23

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 29270
Ion Ratio Lower Upper
83 100
55 0.1 63.4 95.2#
98 1.5 39.0 58.4#

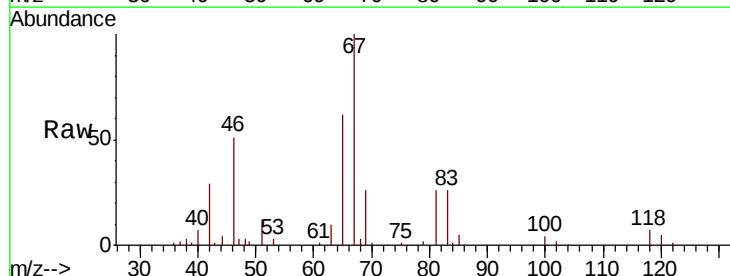


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

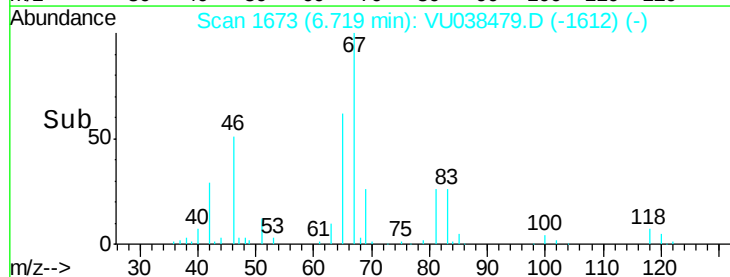
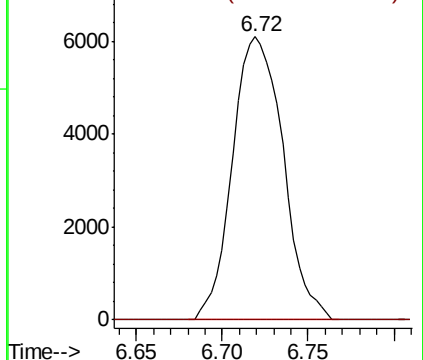


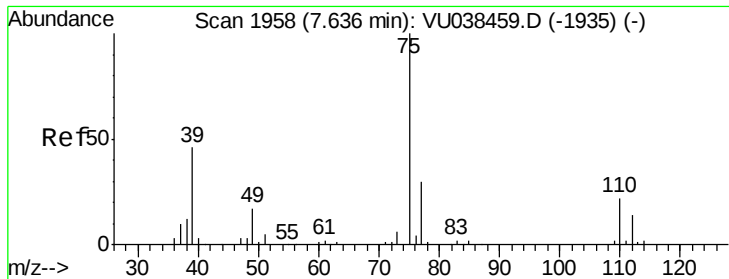
#37
1,2-Dichloropropane
Concen: 0.612 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038479.D
Acq: 01 Jun 2020 18:23

Tgt Ion: 63 Resp: 12468
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



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

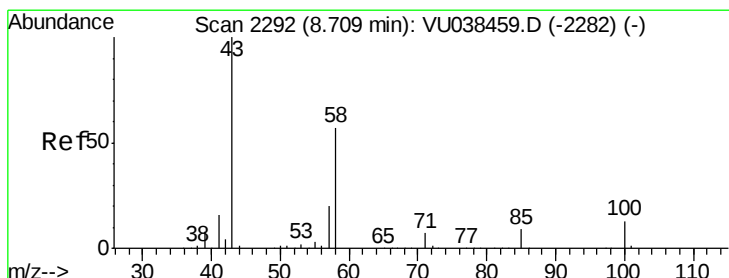
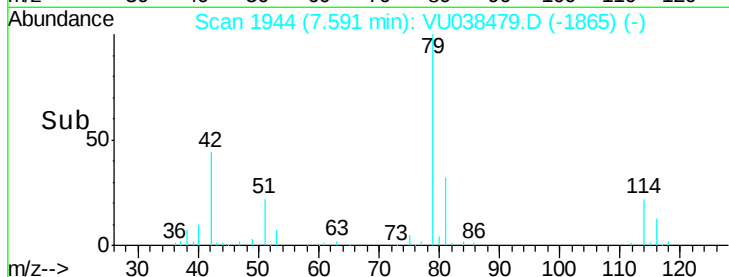
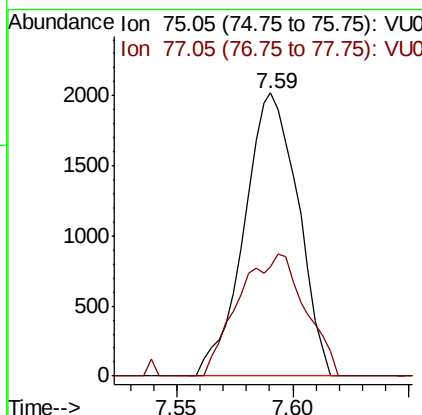
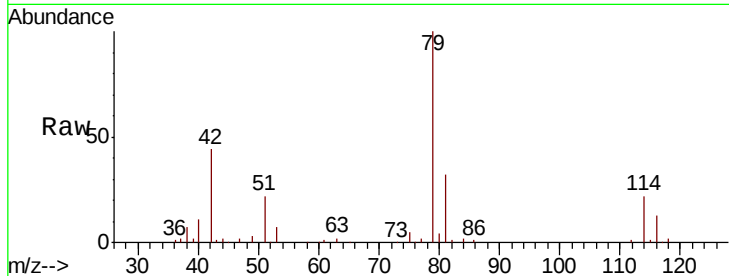




#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038479.D
 Acq: 01 Jun 2020 18:23

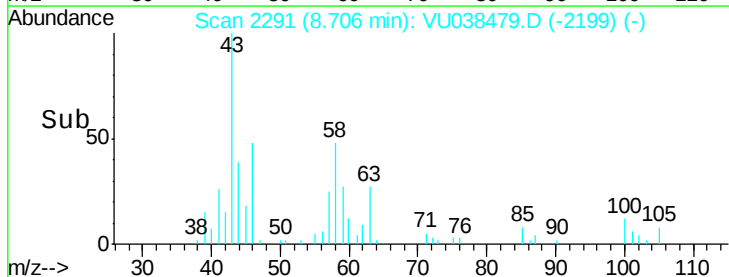
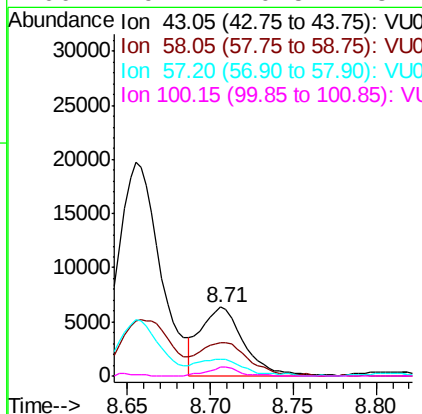
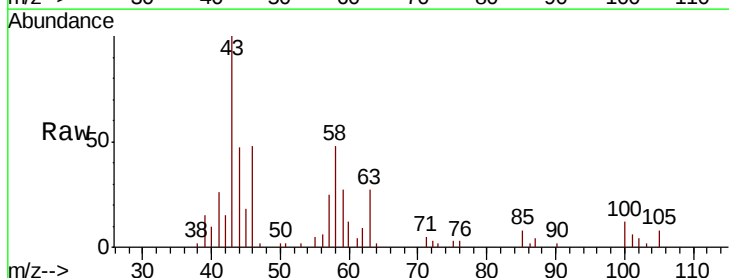
Instrument :
 MSVOA_U
 ClientSampled :

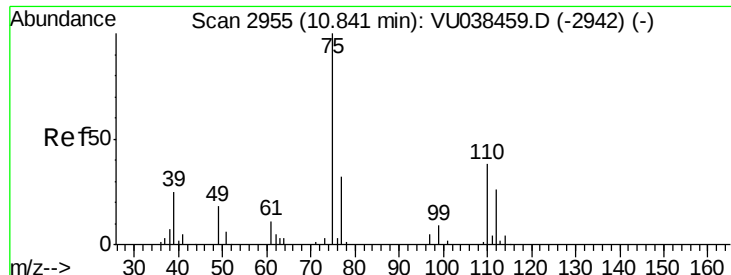
Tot Ion: 75 Resp: 3259
 Ion Ratio Lower Upper
 75 100
 77 38.6 21.9 40.7



#48
 2-Hexanone
 Concen: 1.050 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038479.D
 Acq: 01 Jun 2020 18:23

Tgt Ion: 43 Resp: 11577
 Ion Ratio Lower Upper
 43 100
 58 55.5 45.4 68.0
 57 28.1 15.9 23.9#
 100 9.2 10.5 15.7#





#59

1,2,3-Trichloropropane

Concen: 1.135 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038479.D

Acq: 01 Jun 2020 18:23

Instrument :

MSVOA_U

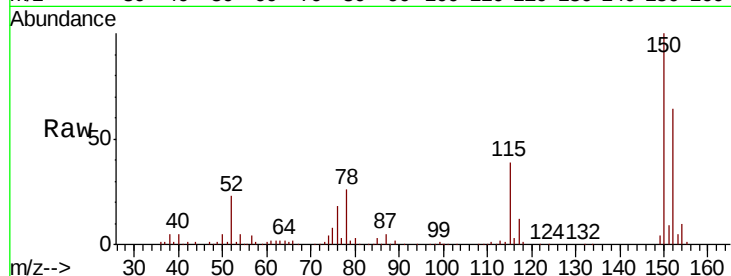
ClientSampleId :

Tot Ion: 75 Resp: 17255

Ion Ratio Lower Upper

75 100

77 38.2 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

