

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
 Data File : VU038476.D
 Acq On : 01 Jun 2020 17:14
 Operator : JC/MD
 Sample : L2789-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 02 05:30:13 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	297444	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	291784	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	140606	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	76335	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.93	69	72363	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.59	63	122073	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.68	46	346058	59.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.34%
24) Chloroform-d	5.10	84	187565	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.74	65	113229	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.76	84	366066	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.72	67	119657	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.92	98	306851	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	8.20	79	46894	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.65	63	296746	62.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	104513	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	127493	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

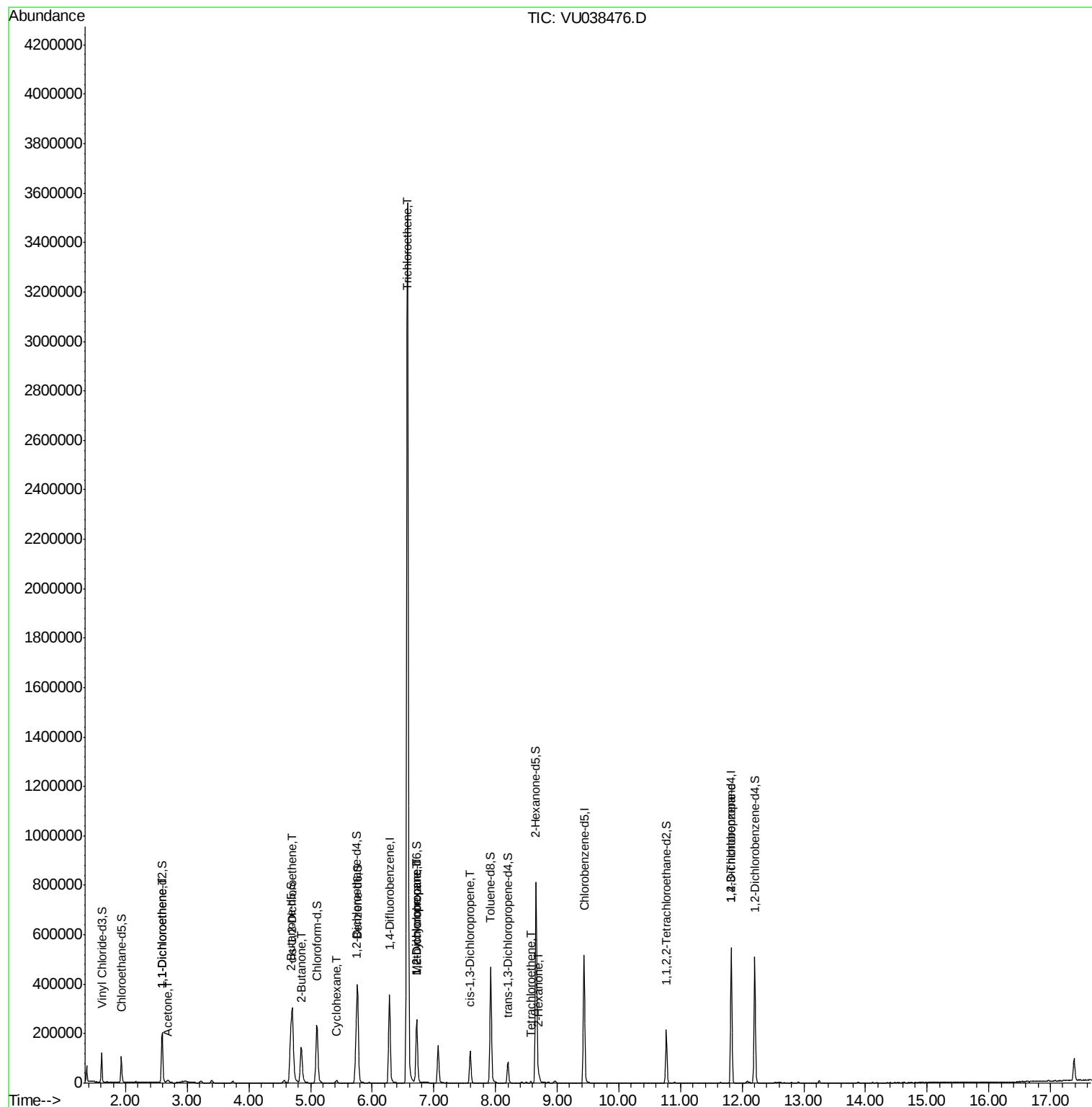
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1118	0.061	ug/L #	1
13) Acetone	2.68	43	18352	4.795	ug/L	87
21) 2-Butanone	4.85	43	204021	31.694	ug/L #	50
22) cis-1,2-Dichloroethene	4.71	96	105468	4.962	ug/L	95
30) Cyclohexane	5.42	56	4602	0.142	ug/L	98
34) Trichloroethene	6.57	95	1226073	58.058	ug/L	98
35) Methylcyclohexane	6.72	83	28628	0.876	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13317	0.650	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3450	0.114	ug/L #	83
47) Tetrachloroethene	8.57	164	1418	0.092	ug/L	83
48) 2-Hexanone	8.71	43	11512	1.038	ug/L #	95
59) 1,2,3-Trichloropropane	11.82	75	16777	1.098	ug/L #	79

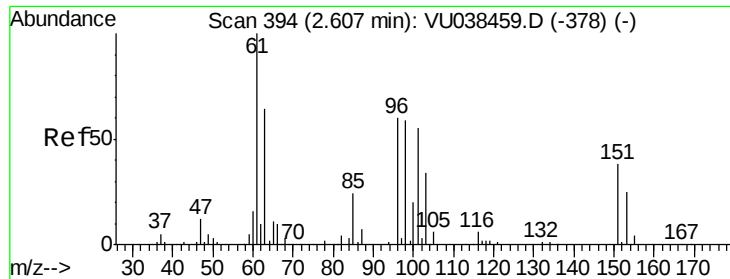
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038476.D

Acq: 01 Jun 2020 17:14

Instrument :

MSVOA_U

ClientSampleId :

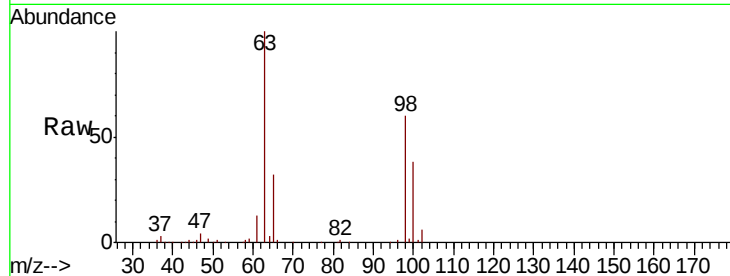
Tot Ion: 96 Resp: 1118

Ion Ratio Lower Upper

96 100

61 1385.8 119.9 222.7#

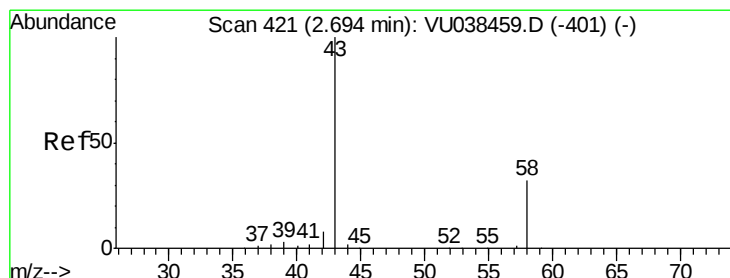
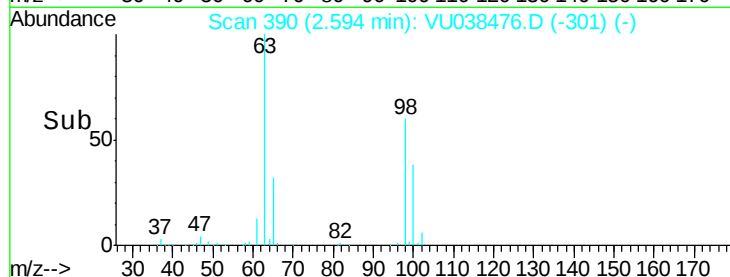
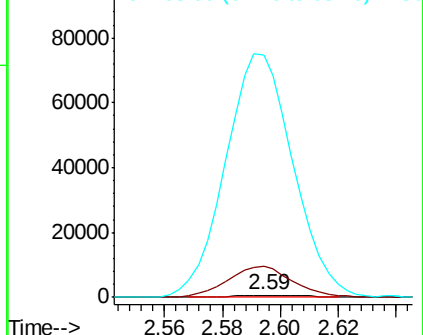
63 10954.0 89.9 167.0#



Abundance Ion 96.00 (95.70 to 96.70): VU038476.D (-390) (-)

Ion 61.05 (60.75 to 61.75): VU038476.D (-390) (-)

Ion 63.00 (62.70 to 63.70): VU038476.D (-390) (-)



#13

Acetone

Concen: 4.795 ug/L

RT: 2.68 min Scan# 418

Delta R.T. -0.01 min

Lab File: VU038476.D

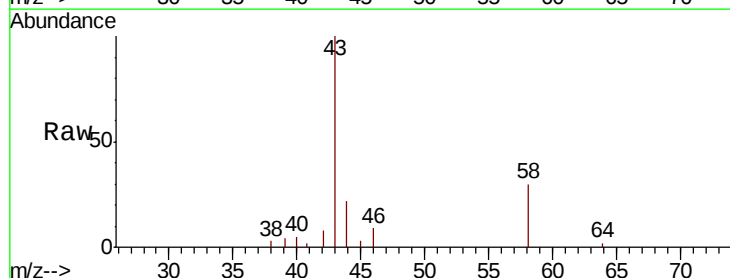
Acq: 01 Jun 2020 17:14

Tgt Ion: 43 Resp: 18352

Ion Ratio Lower Upper

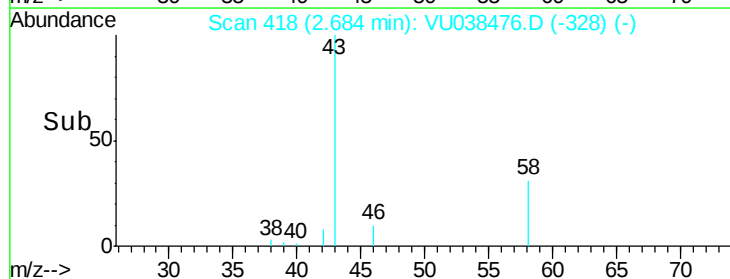
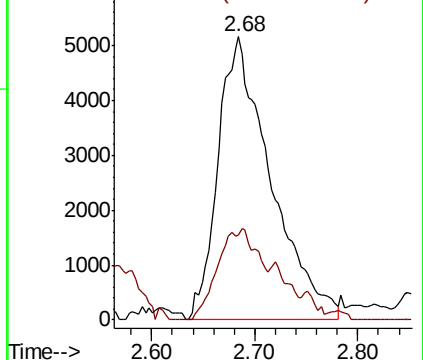
43 100

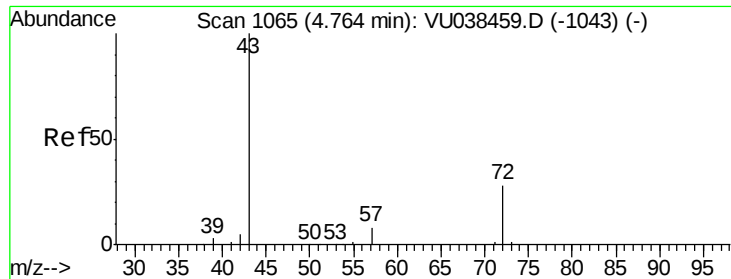
58 25.5 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038476.D (-418) (-)

Ion 58.05 (57.75 to 58.75): VU038476.D (-418) (-)





#21

2-Butanone

Concen: 31.694 ug/L

RT: 4.85 min Scan# 1091

Delta R.T. 0.08 min

Lab File: VU038476.D

Acq: 01 Jun 2020 17:14

Instrument :

MSVOA_U

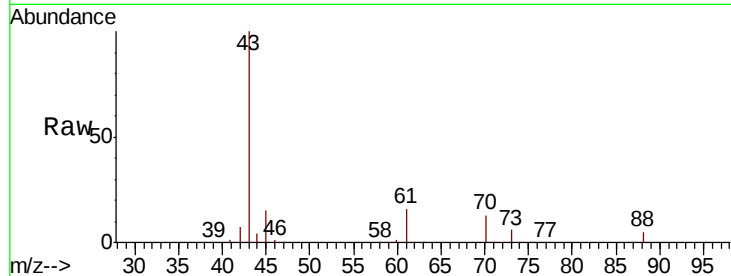
ClientSampleId :

Tot Ion: 43 Resp: 204021

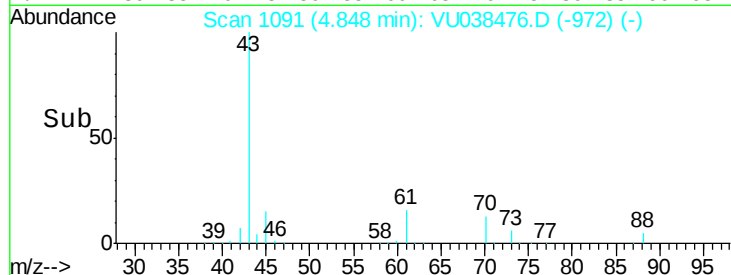
Ion Ratio Lower Upper

43 100

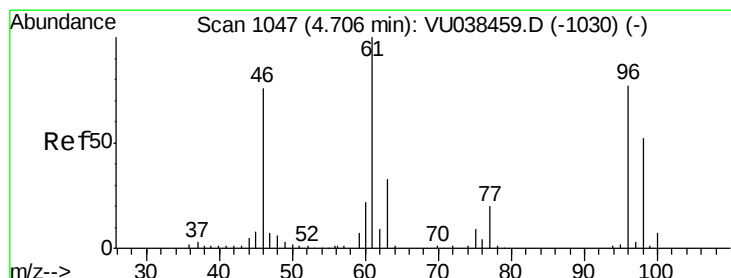
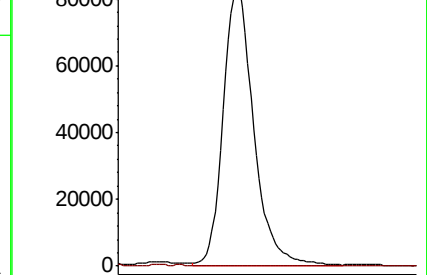
72 0.0 12.6 37.8#



Abundance Ion 43.05 (42.75 to 43.75): VU038476.D (-972) (-)



Ion 72.10 (71.80 to 72.80): VU038476.D (-972) (-)



#22

cis-1,2-Dichloroethene

Concen: 4.962 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038476.D

Acq: 01 Jun 2020 17:14

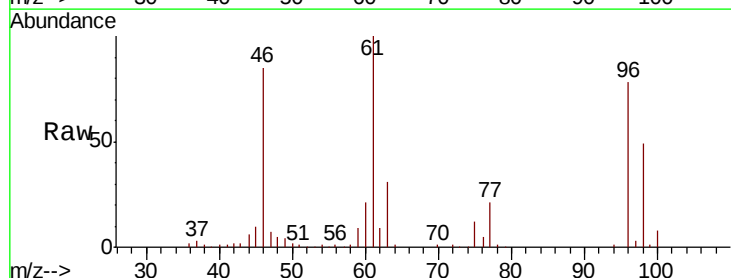
Tgt Ion: 96 Resp: 105468

Ion Ratio Lower Upper

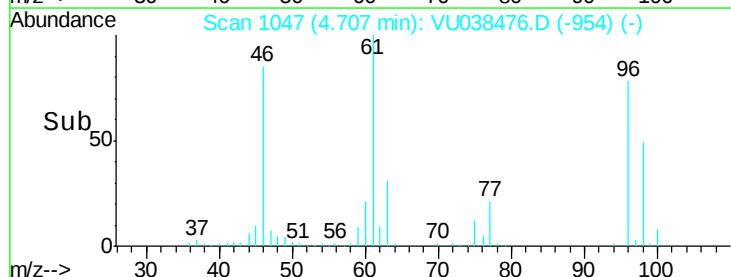
96 100

61 128.9 94.0 174.6

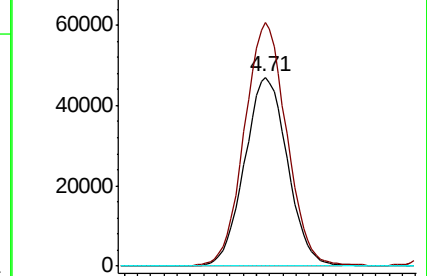
68 0.0 0.0 0.0

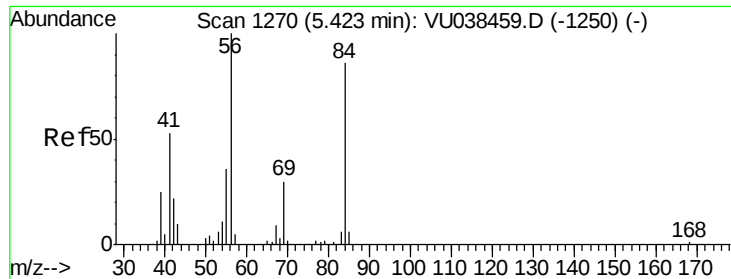


Abundance Ion 96.00 (95.70 to 96.70): VU038476.D (-954) (-)



Ion 61.05 (60.75 to 61.75): VU038476.D (-954) (-)

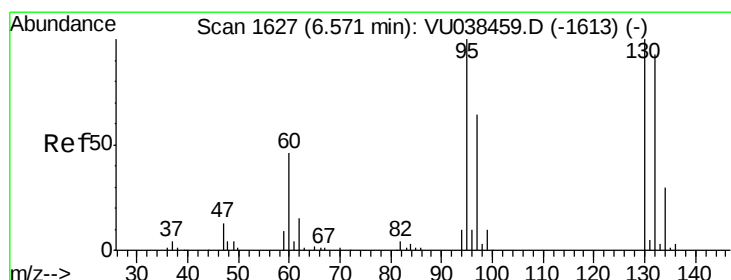
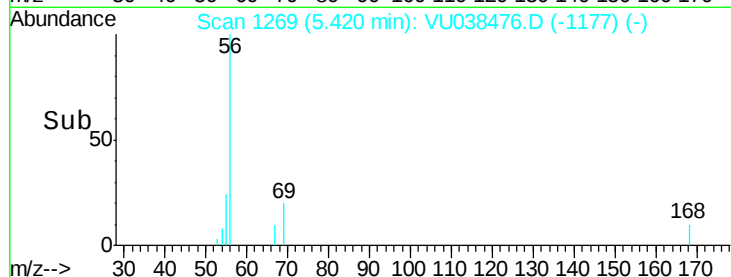
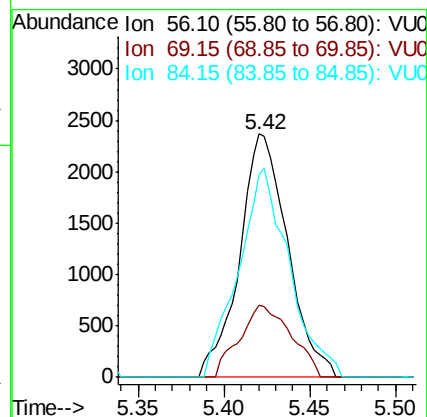
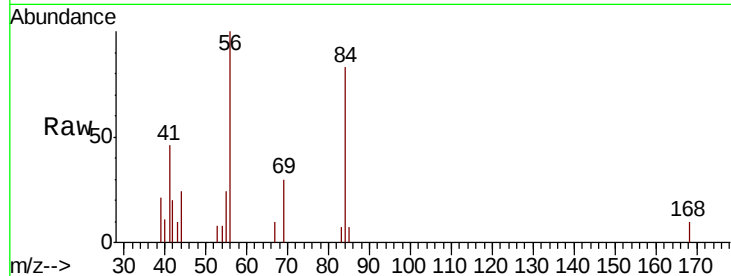




#30
Cyclohexane
Concen: 0.142 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU038476.D
Acq: 01 Jun 2020 17:14

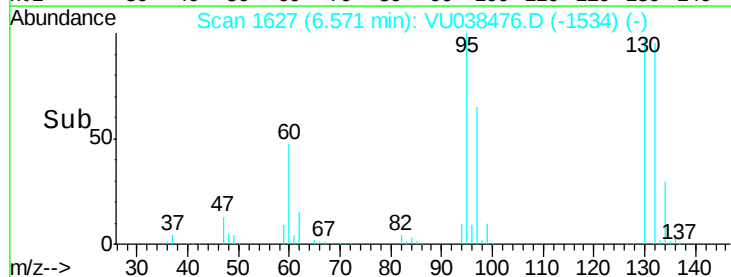
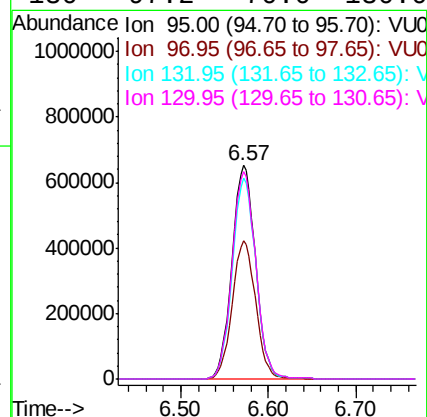
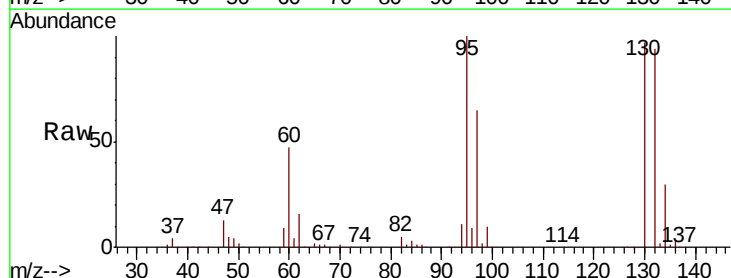
Instrument :
MSVOA_U
ClientSampleId :

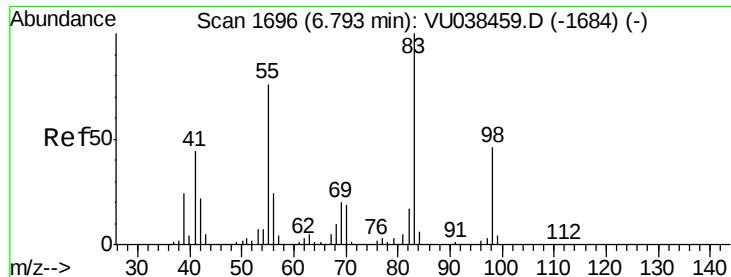
Tot Ion: 56 Resp: 4602
Ion Ratio Lower Upper
56 100
69 31.8 24.2 36.4
84 90.7 70.8 106.2



#34
Trichloroethene
Concen: 58.058 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038476.D
Acq: 01 Jun 2020 17:14

Tgt Ion: 95 Resp: 1226073
Ion Ratio Lower Upper
95 100
97 64.9 46.8 87.0
132 94.0 66.1 122.7
130 97.2 70.0 130.0

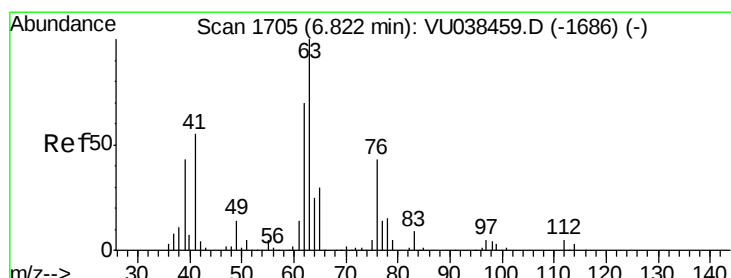
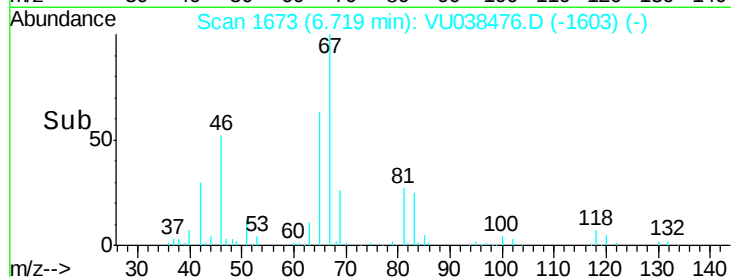
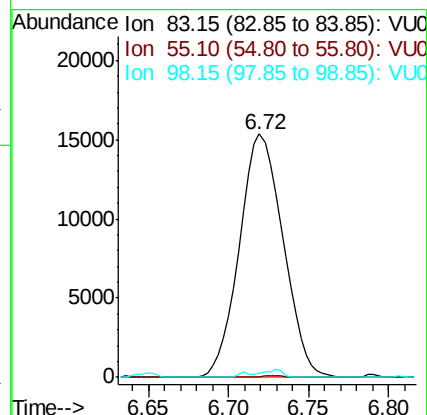
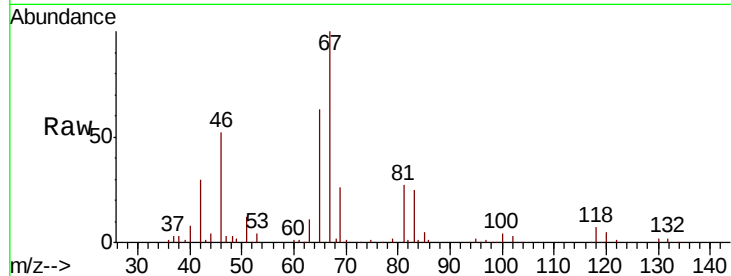




#35
Methvlcvclohexane
Concen: 0.876 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038476.D
Acq: 01 Jun 2020 17:14

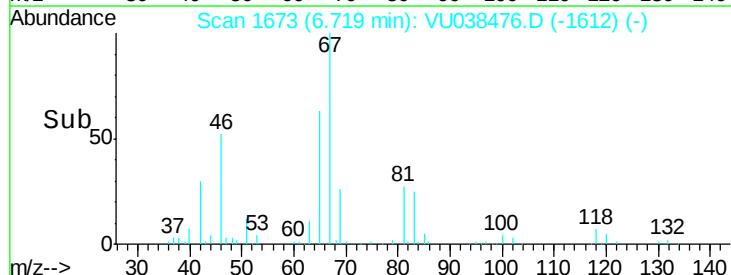
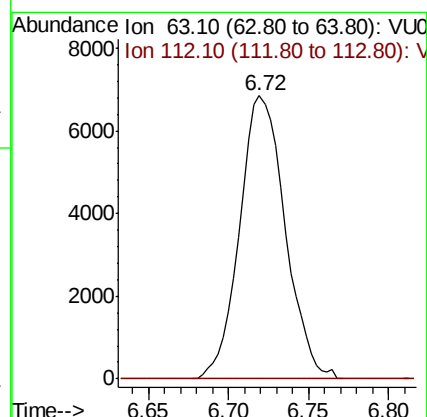
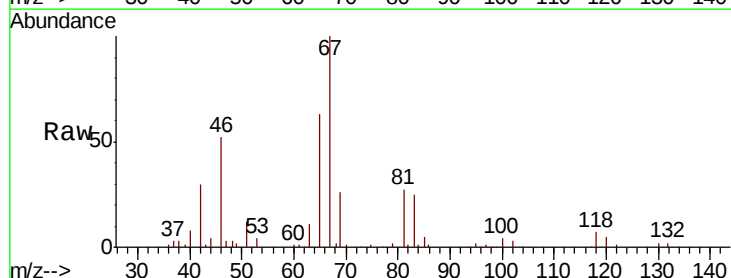
Instrument :
MSVOA_U
ClientSampled :

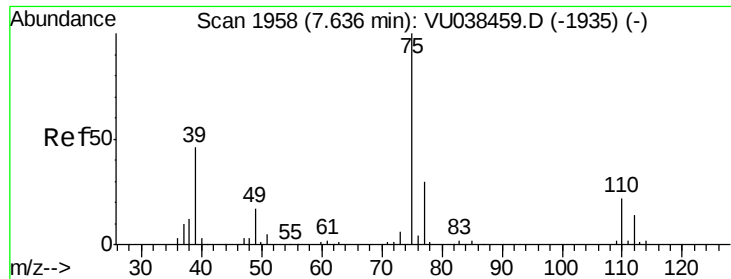
Tot Ion: 83 Resp: 28628
Ion Ratio Lower Upper
83 100
55 0.3 63.4 95.2#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.650 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038476.D
Acq: 01 Jun 2020 17:14

Tgt Ion: 63 Resp: 13317
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#

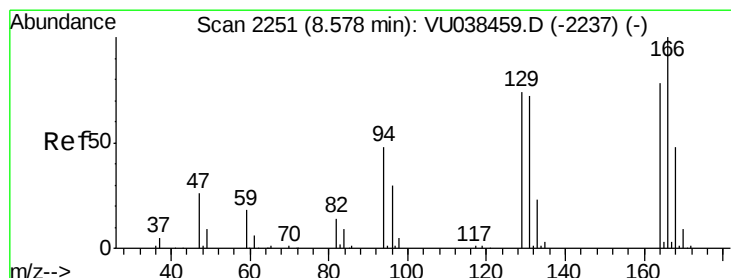
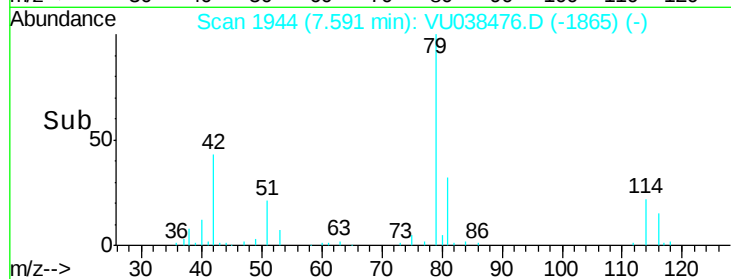
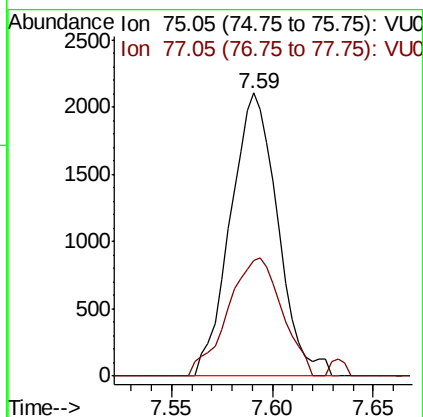
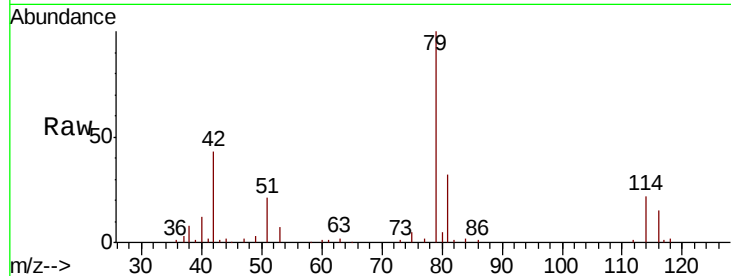




#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038476.D
 Acq: 01 Jun 2020 17:14

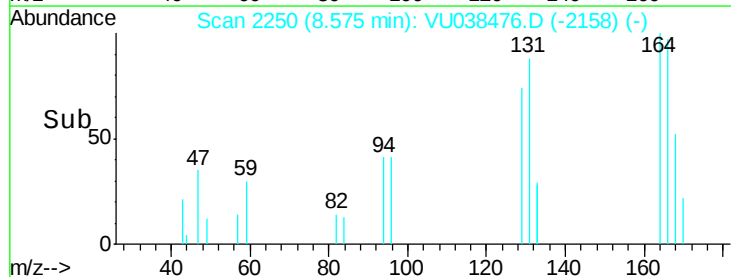
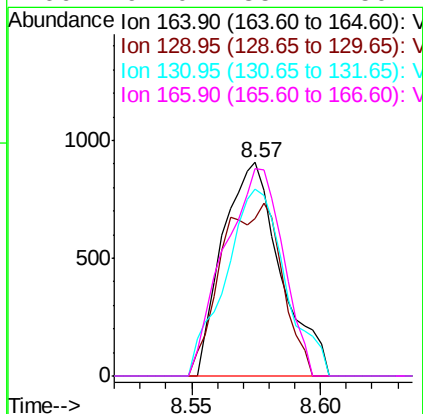
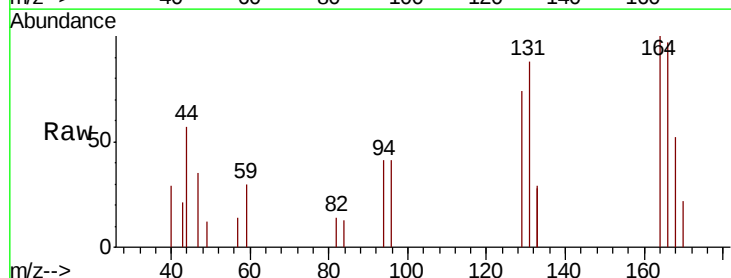
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 MSVOA_U
 ClientSampleId :

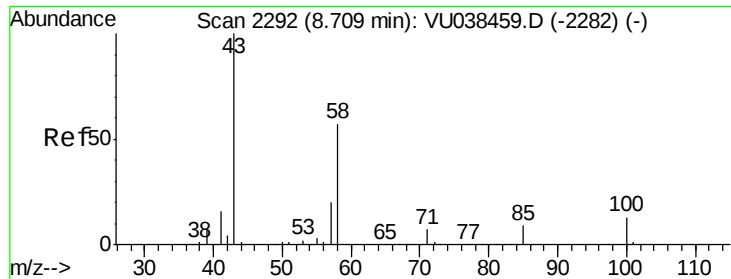
Tot Ion: 75 Resp: 3450
 Ion Ratio Lower Upper
 75 100
 77 40.7 21.9 40.7#



#47
 Tetrachloroethene
 Concen: 0.092 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU038476.D
 Acq: 01 Jun 2020 17:14

Tgt Ion:164 Resp: 1418
 Ion Ratio Lower Upper
 164 100
 129 73.5 67.4 125.2
 131 87.5 64.1 119.1
 166 97.0 85.7 159.1

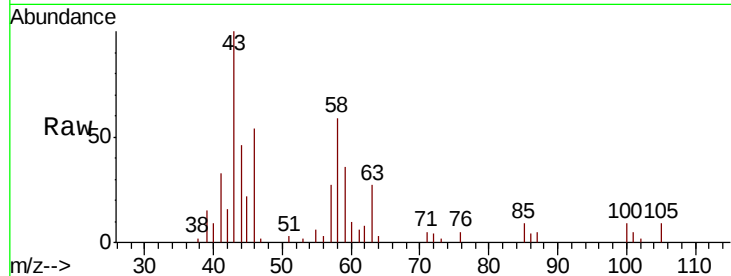




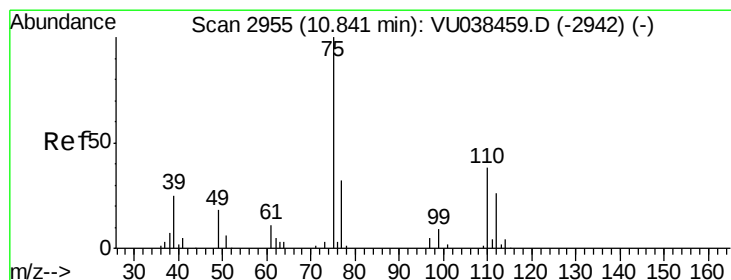
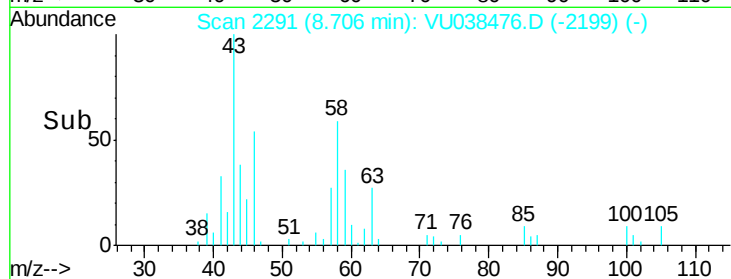
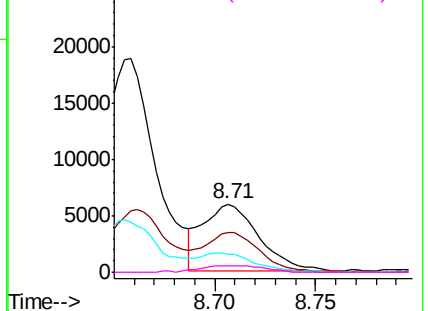
#48
2-Hexanone
Concen: 1.038 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038476.D
Acq: 01 Jun 2020 17:14

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 11512
Ion Ratio Lower Upper
43 100
58 58.2 45.4 68.0
57 25.7 15.9 23.9#
100 11.0 10.5 15.7

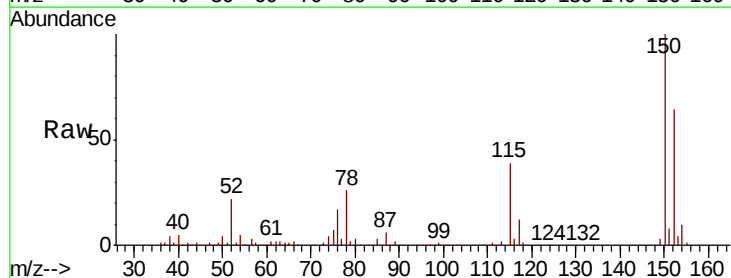


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 1.098 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038476.D
Acq: 01 Jun 2020 17:14

Tgt Ion: 75 Resp: 16777
Ion Ratio Lower Upper
75 100
77 43.2 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

