

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
 Data File : VU038049.D
 Acq On : 07 May 2020 19:18
 Operator : JC/MD
 Sample : L2527-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 01:55:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 01:51:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	364513	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	360660	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	167246	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	150642	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.93	69	125837	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.59	63	181235	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.66	46	306984	37.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.64%
24) Chloroform-d	5.10	84	198379	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	5.74	65	126424	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	5.76	84	493891	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.72	67	156371	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.92	98	441103	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.20	79	56984	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.65	63	283580	42.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114541	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	149818	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

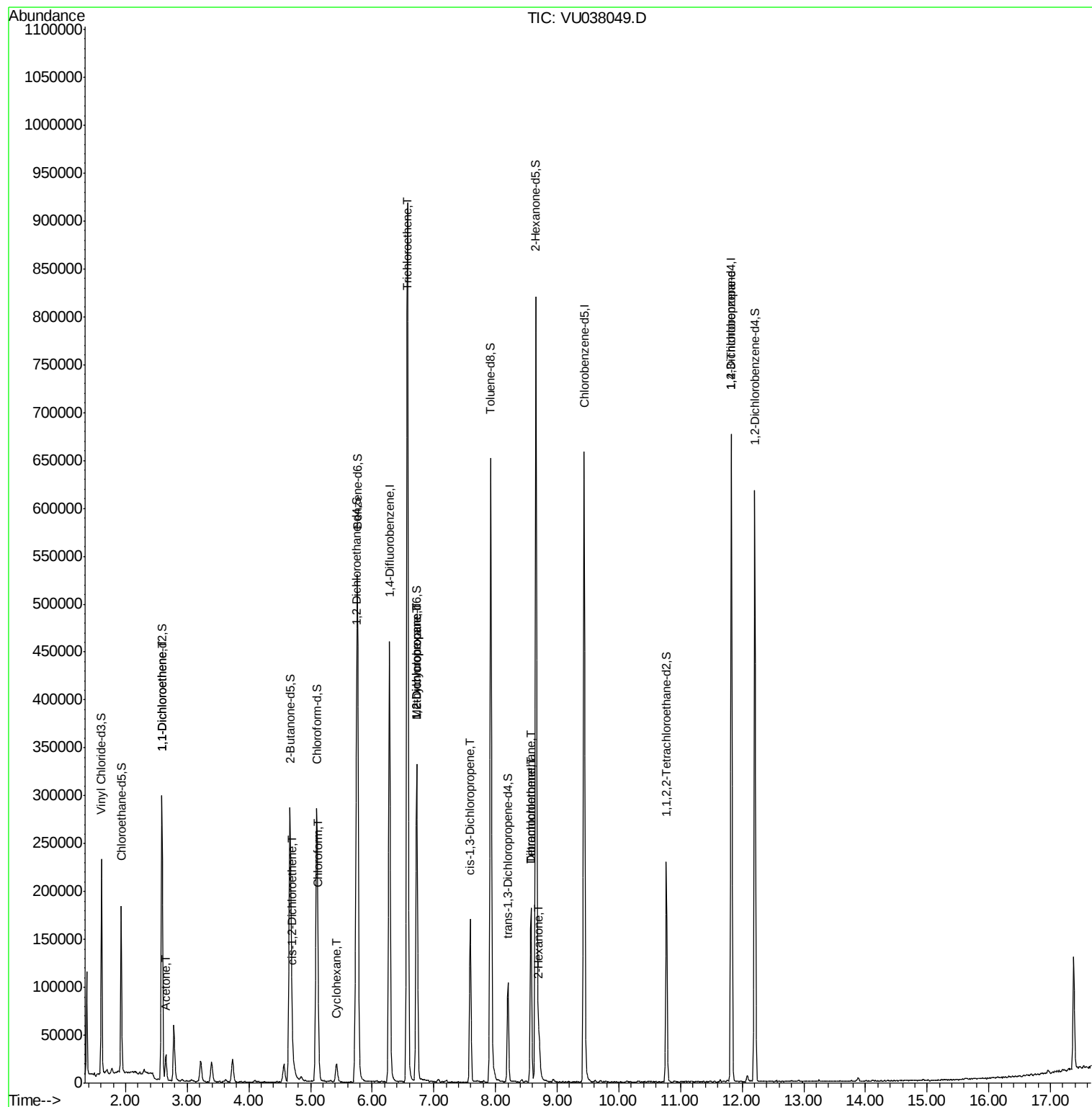
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1678	0.066	ug/L #	1
13) Acetone	2.65	43	29492	5.714	ug/L	94
22) cis-1,2-Dichloroethene	4.71	96	2756	0.093	ug/L	92
25) Chloroform	5.13	83	27586	0.548	ug/L	100
30) Cyclohexane	5.42	56	9675	0.198	ug/L	94
34) Trichloroethene	6.57	95	309575	10.717	ug/L	98
35) Methylcyclohexane	6.72	83	33757	0.721	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	16478	0.525	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	4087	0.091	ug/L	85
47) Tetrachloroethene	8.57	164	40240	1.992	ug/L	97
48) 2-Hexanone	8.71	43	27389	1.720	ug/L	95
49) Dibromochloromethane	8.57	129	39075	1.728	ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	22743	1.080	ug/L	95

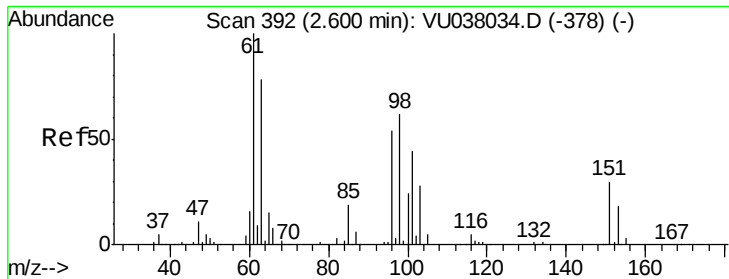
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.066 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU038049.D

Acq: 07 May 2020 19:18

Instrument :

MSVOA_U

ClientSampled :

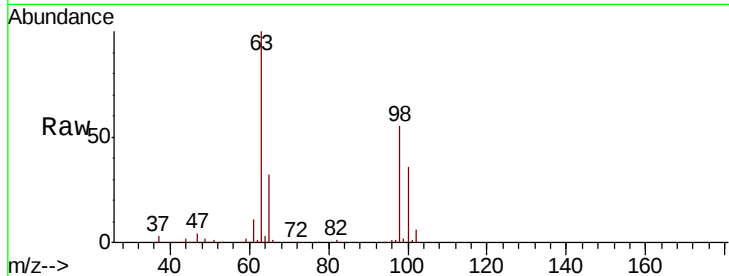
Tot Ion: 96 Resp: 1678

Ion Ratio Lower Upper

96 100

61 1222.8 126.2 234.4#

63 10682.5 96.9 179.9#



Abundance Ion 96.00 (95.70 to 96.70): VU038049.D (-389) (-)

Ion 61.05 (60.75 to 61.75): VU038049.D (-389) (-)

Ion 63.00 (62.70 to 63.70): VU038049.D (-389) (-)

150000

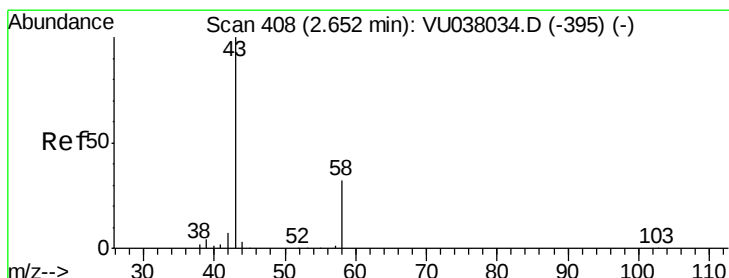
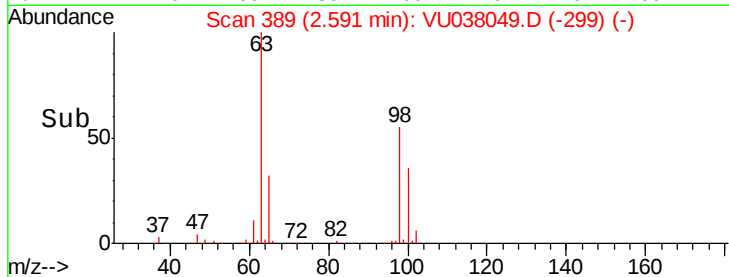
100000

50000

0

2.55 2.60

Time-->



#13

Acetone

Concen: 5.714 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU038049.D

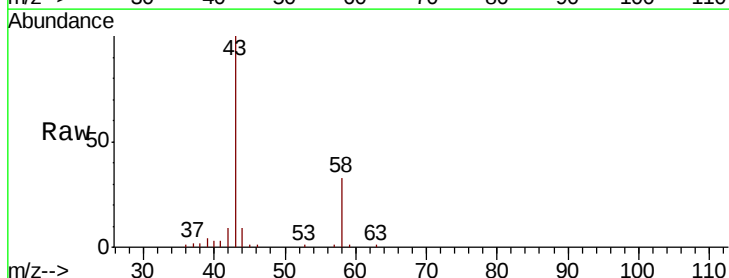
Acq: 07 May 2020 19:18

Tgt Ion: 43 Resp: 29492

Ion Ratio Lower Upper

43 100

58 35.0 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038049.D (-408) (-)

Ion 58.05 (57.75 to 58.75): VU038049.D (-408) (-)

20000

15000

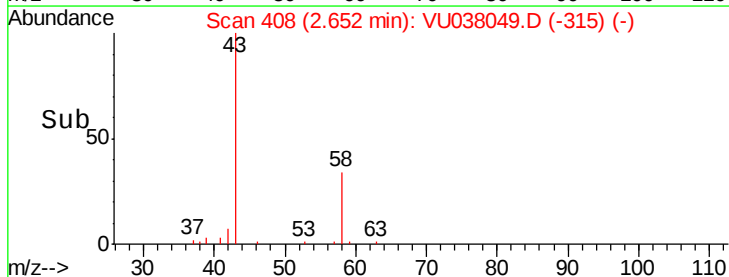
10000

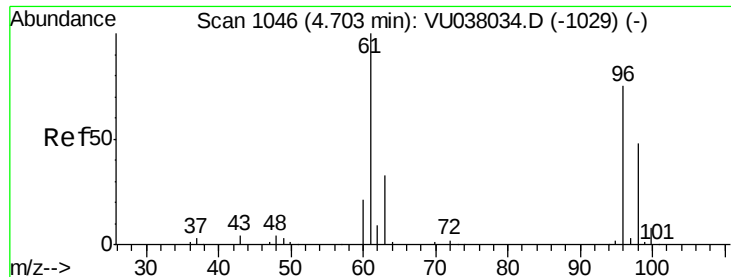
5000

0

2.60 2.65 2.70

Time-->





#22

cis-1,2-Dichloroethene

Concen: 0.093 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.01 min

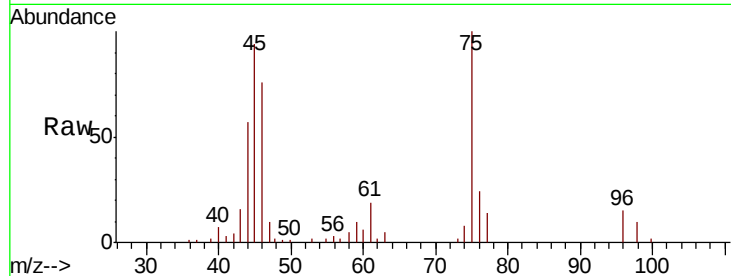
Lab File: VU038049.D

Acq: 07 May 2020 19:18

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 96 Resp: 2756

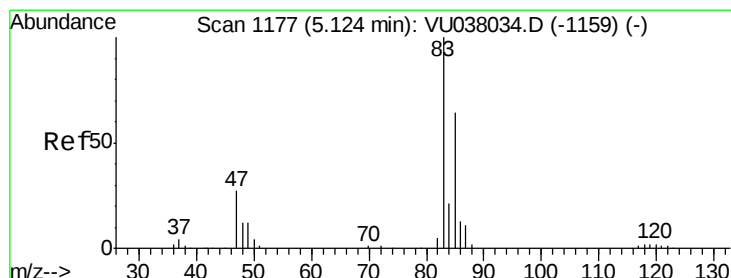
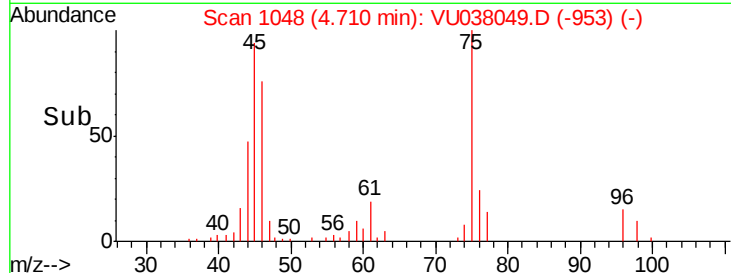
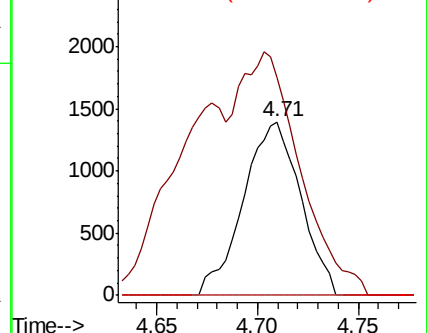
Ion	Ratio	Lower	Upper
96	100		
61	125.9	95.3	176.9
68	0.0	0.0	0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038049.D (-953) (-)

Ion 61.05 (60.75 to 61.75): VU038049.D (-953) (-)

Ion 68.15 (67.85 to 68.85): VU038049.D (-953) (-)



#25

Chloroform

Concen: 0.548 ug/L

RT: 5.13 min Scan# 1178

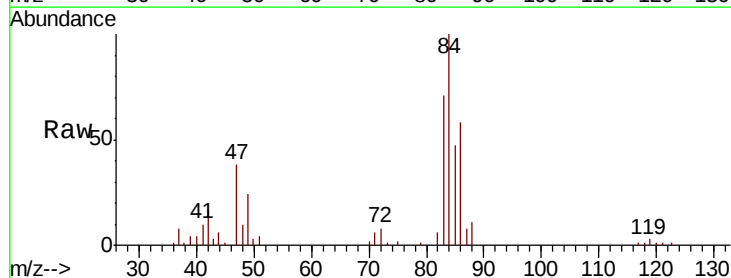
Delta R.T. 0.00 min

Lab File: VU038049.D

Acq: 07 May 2020 19:18

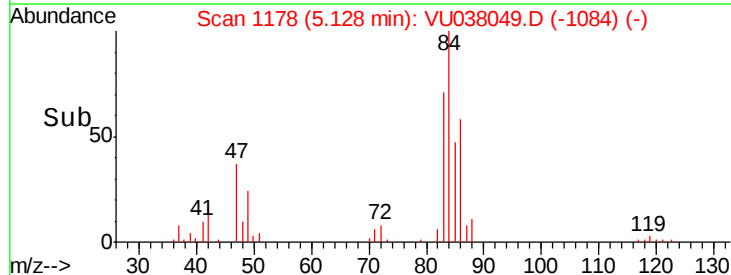
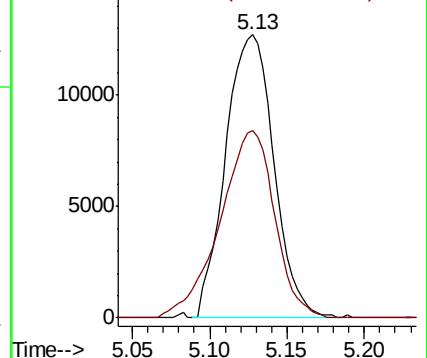
Tgt Ion: 83 Resp: 27586

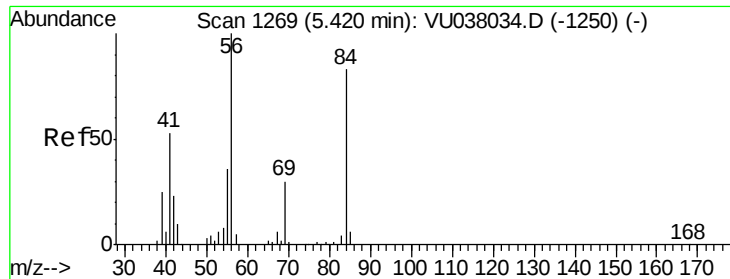
Ion	Ratio	Lower	Upper
83	100		
85	66.3	46.2	85.8



Abundance Ion 83.05 (82.75 to 83.75): VU038049.D (-1084) (-)

Ion 85.00 (84.70 to 85.70): VU038049.D (-1084) (-)

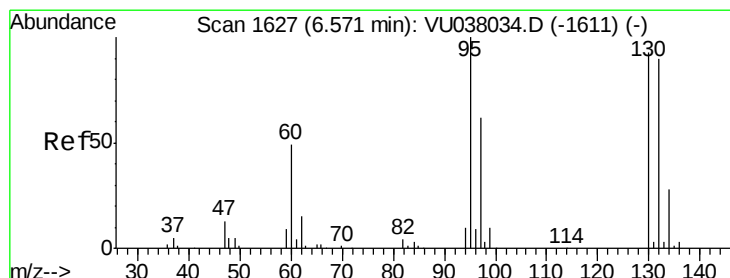
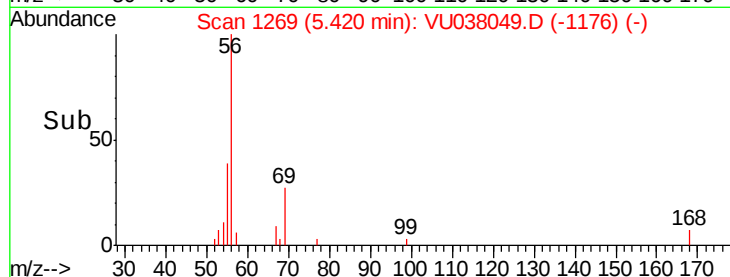
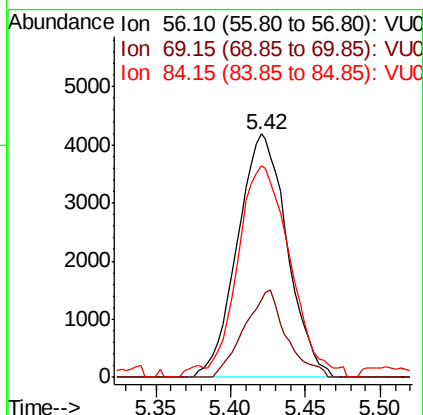
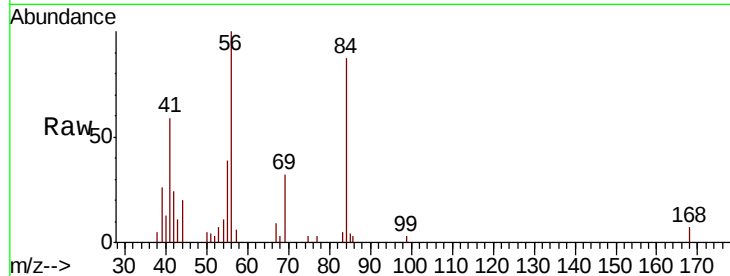




#30
Cyclohexane
Concen: 0.198 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU038049.D
Acq: 07 May 2020 19:18

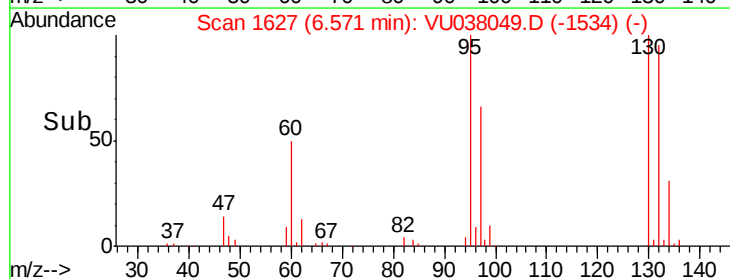
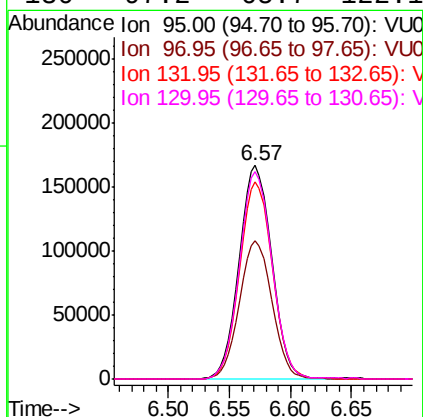
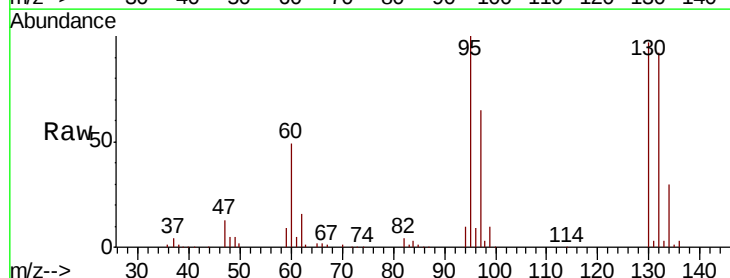
Instrument :
MSVOA_U
ClientSampled :

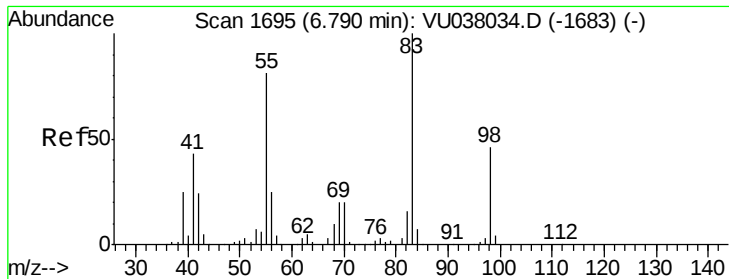
Tot Ion: 56 Resp: 9675
Ion Ratio Lower Upper
56 100
69 30.5 24.2 36.4
84 92.8 68.5 102.7



#34
Trichloroethene
Concen: 10.717 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU038049.D
Acq: 07 May 2020 19:18

Tgt Ion: 95 Resp: 309575
Ion Ratio Lower Upper
95 100
97 64.6 44.9 83.3
132 92.5 63.3 117.5
130 97.2 65.7 122.1





#35

Methvlcvclohexane

Concen: 0.721 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038049.D

Acq: 07 May 2020 19:18

Instrument :
MSVOA_U
ClientSampleId :

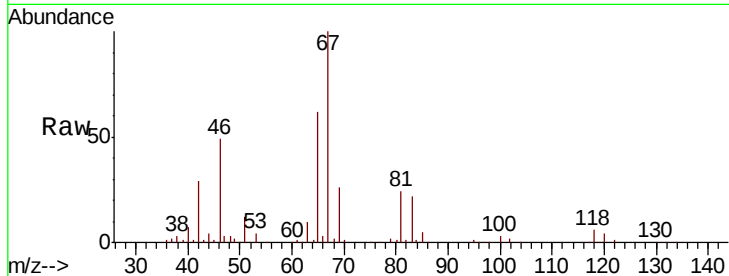
Tot Ion: 83 Resp: 33757

Ion Ratio Lower Upper

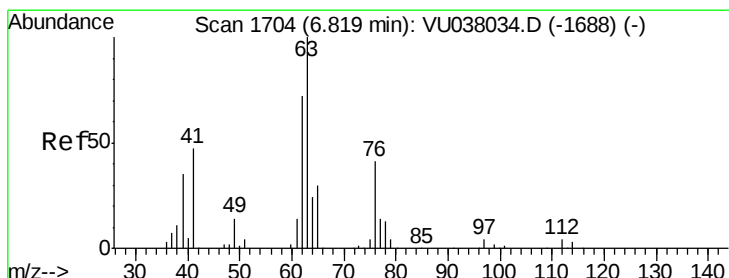
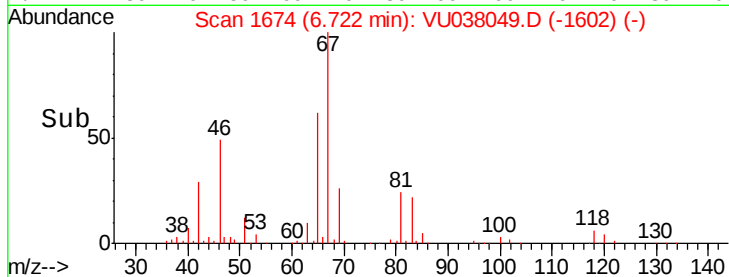
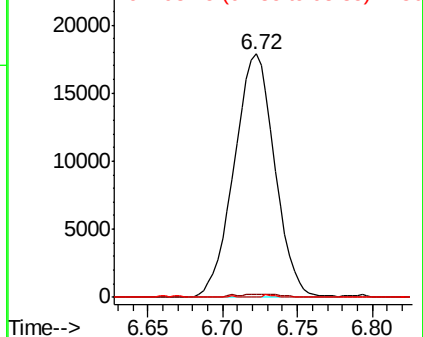
83 100

55 1.4 66.7 100.1#

98 0.0 39.4 59.2#



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: 0.525 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU038049.D

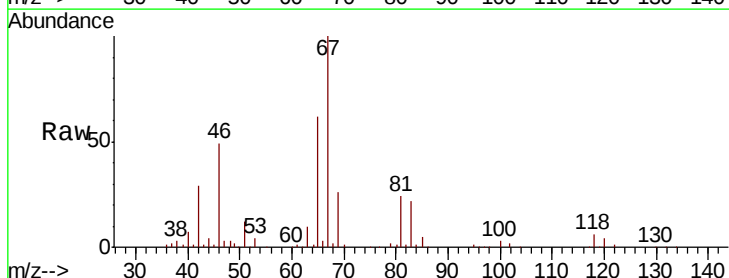
Acq: 07 May 2020 19:18

Tgt Ion: 63 Resp: 16478

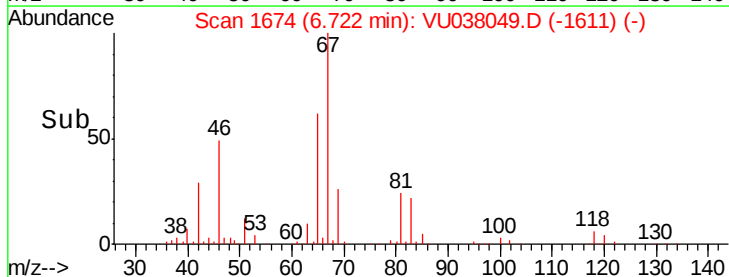
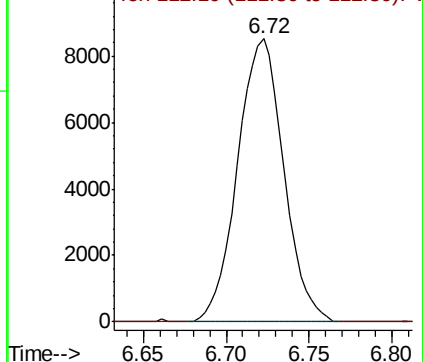
Ion Ratio Lower Upper

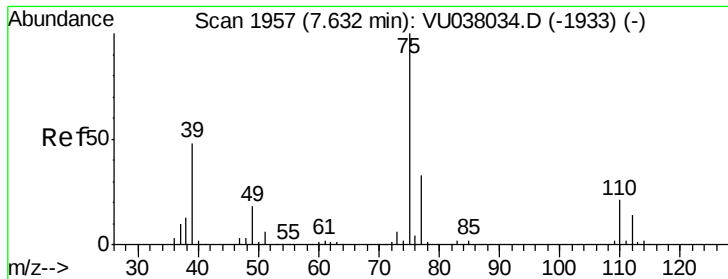
63 100

112 0.0 3.1 4.7#



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

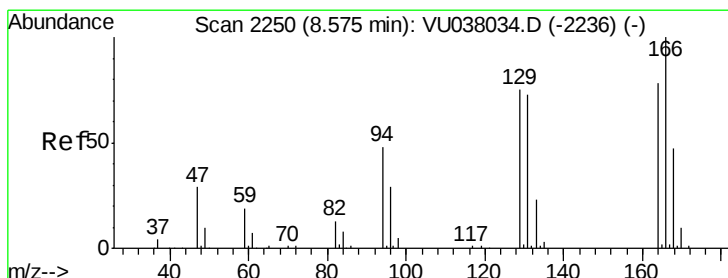
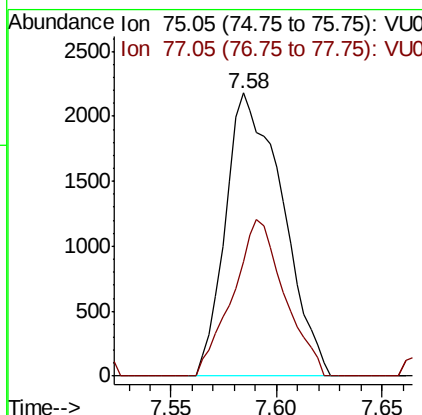
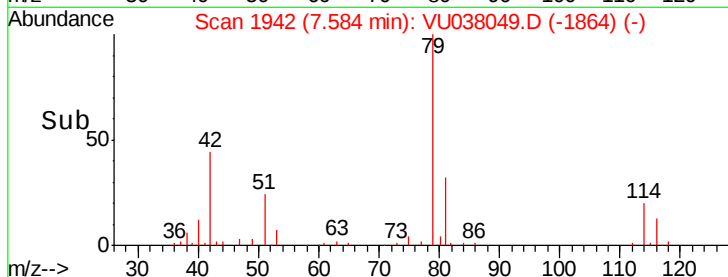
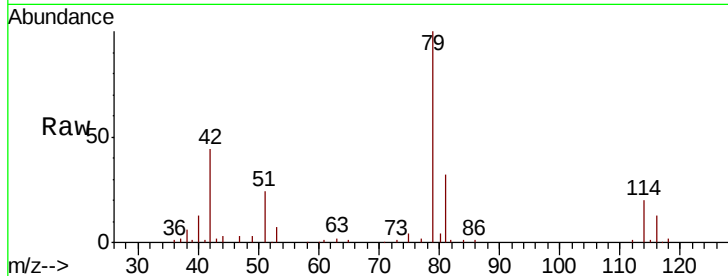




#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.58 min Scan# 1942
 Delta R.T. -0.05 min
 Lab File: VU038049.D
 Acq: 07 May 2020 19:18

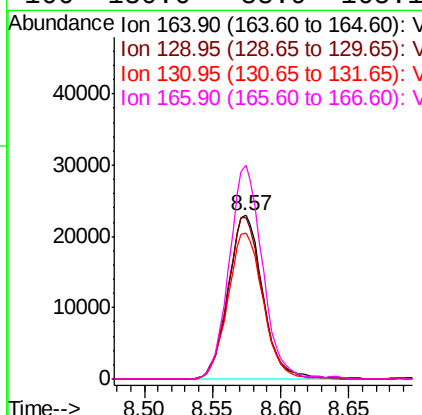
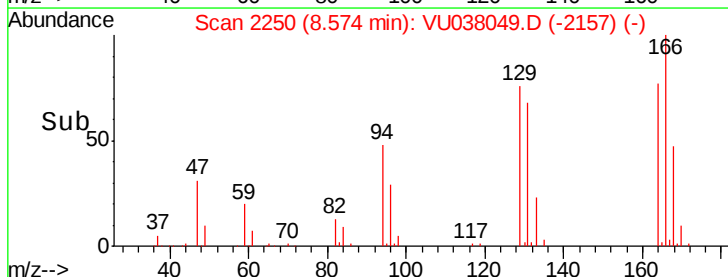
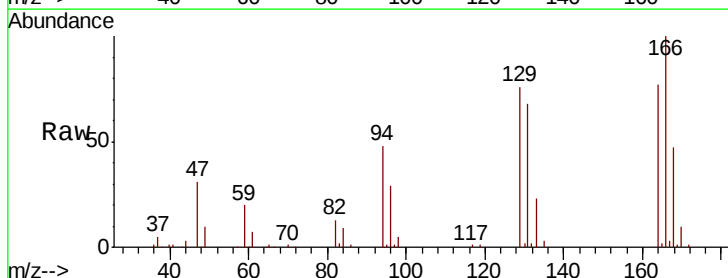
Instrument :
 MSVOA_U
 ClientSampled :

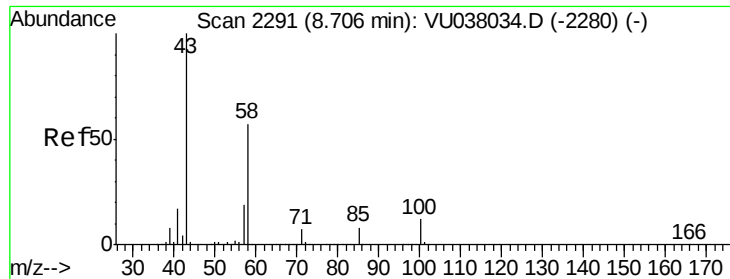
Tot Ion: 75 Resp: 4087
 Ion Ratio Lower Upper
 75 100
 77 40.5 22.4 41.6



#47
 Tetrachloroethene
 Concen: 1.992 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU038049.D
 Acq: 07 May 2020 19:18

Tgt Ion: 164 Resp: 40240
 Ion Ratio Lower Upper
 164 100
 129 98.8 68.8 127.8
 131 89.5 66.8 124.2
 166 130.6 88.9 165.1

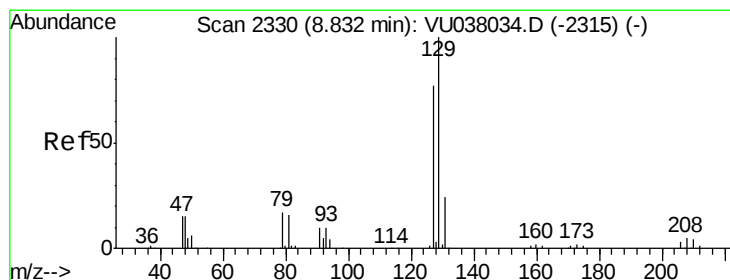
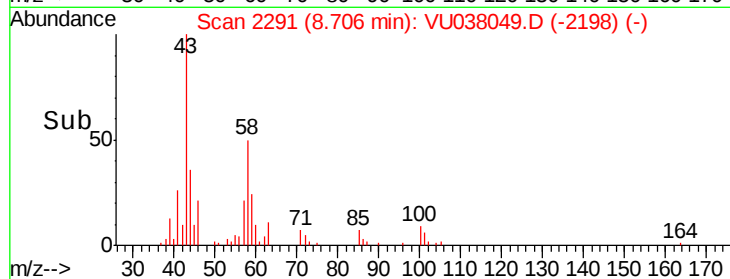
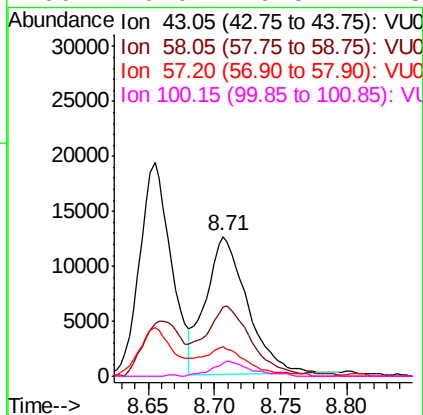
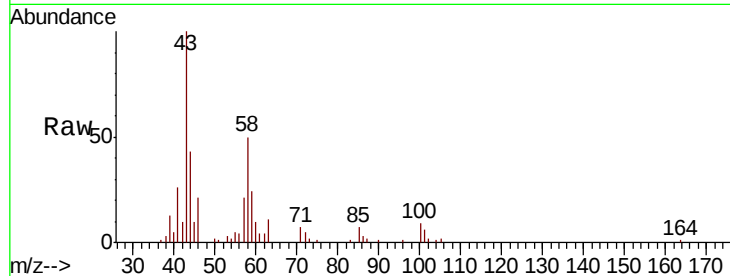




#48
2-Hexanone
Concen: 1.720 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038049.D
Acq: 07 May 2020 19:18

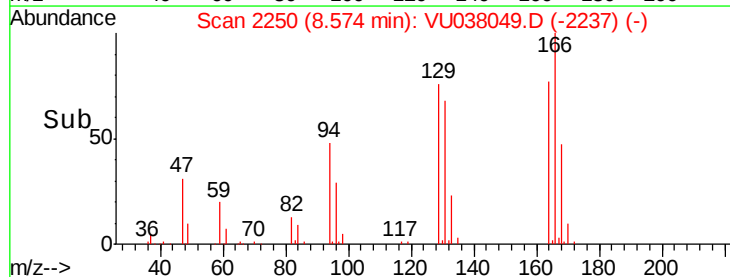
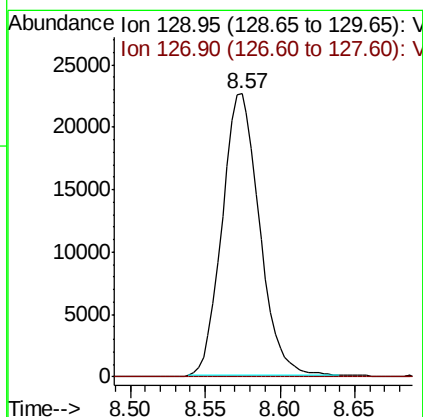
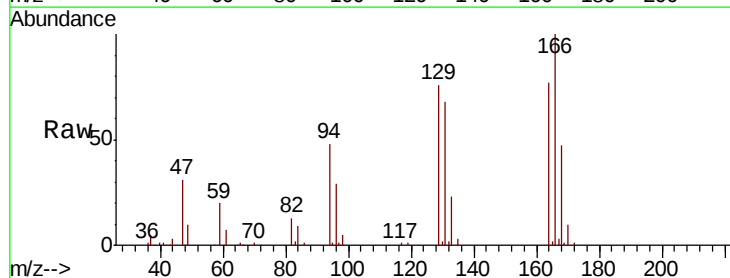
Instrument :
MSVOA_U
ClientSampleId :

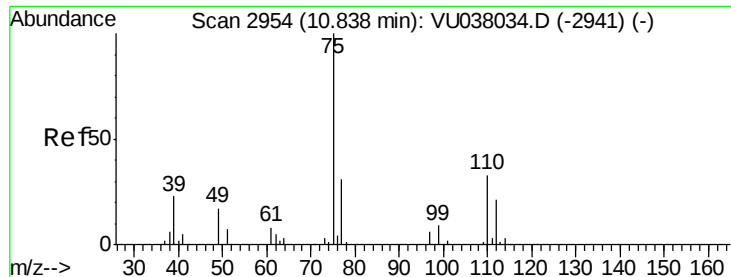
Tot Ion:	43	Resp:	27389
Ion	Ratio	Lower	Upper
43	100		
58	53.2	45.2	67.8
57	22.8	15.5	23.3
100	10.0	9.5	14.3



#49
Dibromochloromethane
Concen: 1.728 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU038049.D
Acq: 07 May 2020 19:18

Tgt Ion:	129	Resp:	39075
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.6	103.4#





#59

1,2,3-Trichloropropane

Concen: 1.080 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU038049.D

Acq: 07 May 2020 19:18

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 22743

Ion Ratio Lower Upper

75 100

77 34.4 25.4 38.0

