

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070820\
 Data File : VU039382.D
 Acq On : 09 Jul 2020 05:48
 Operator : SY/MD
 Sample : L3244-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4B11

Quant Time: Jul 09 07:50:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 09 05:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	101001	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	92240	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43736	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28202	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.93	69	30867	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.58	63	45240	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	4.65	46	151706	56.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.28%
24) Chloroform-d	5.08	84	65844	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.72	65	43688	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.75	84	132789	5.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.60%
36) 1,2-Dichloropropane-d6	6.71	67	45600	5.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.80%
41) Toluene-d8	7.91	98	113429	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.80%
43) trans-1,3-Dichloropropene-	8.19	79	17098	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.64	63	111369	54.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.00%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	42119	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	44030	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

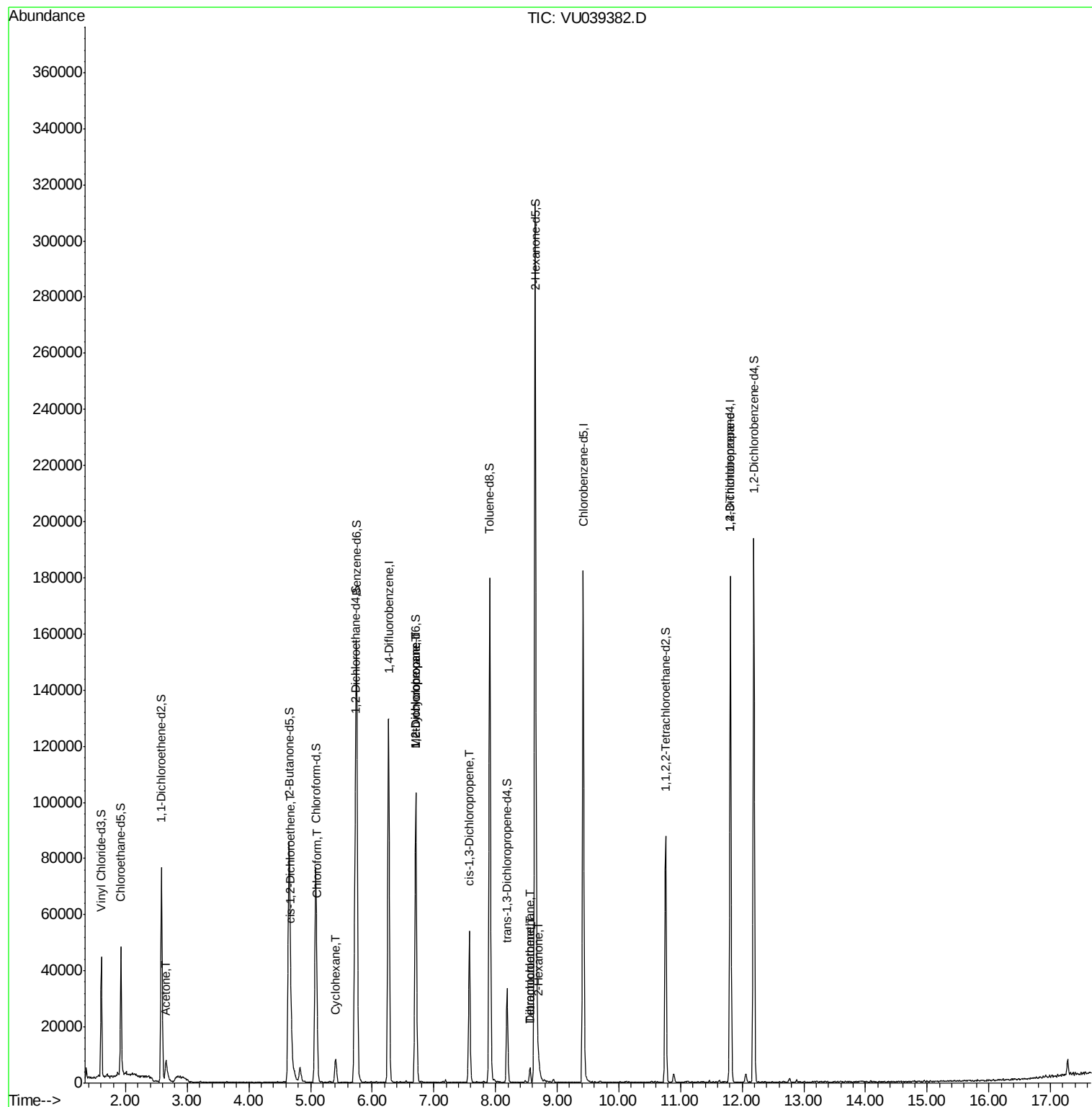
					Ovalue
13) Acetone	2.66	43	13256	9.169 ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	877	0.118 ug/L	90
25) Chloroform	5.11	83	3549	0.270 ug/L	95
30) Cyclohexane	5.41	56	4403	0.385 ug/L	96
35) Methylcyclohexane	6.71	83	9734	0.852 ug/L #	18
37) 1,2-Dichloropropane	6.70	63	5470	0.728 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1406	0.124 ug/L #	51
47) Tetrachloroethene	8.56	164	1076	0.217 ug/L	89
48) 2-Hexanone	8.70	43	4442	0.961 ug/L #	87
49) Dibromochloromethane	8.56	129	915	0.140 ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6936	1.252 ug/L	94

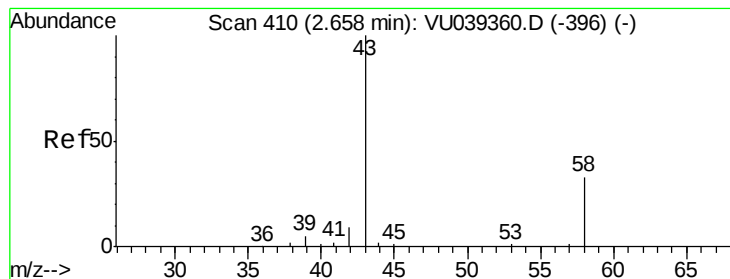
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070820\
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Acq On : 09 Jul 2020 05:48
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QLast Update : Thu Jul 09 05:48:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 9.169 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU039382.D

Acq: 09 Jul 2020 05:48

Instrument :

MSVOA_U

ClientSampled :

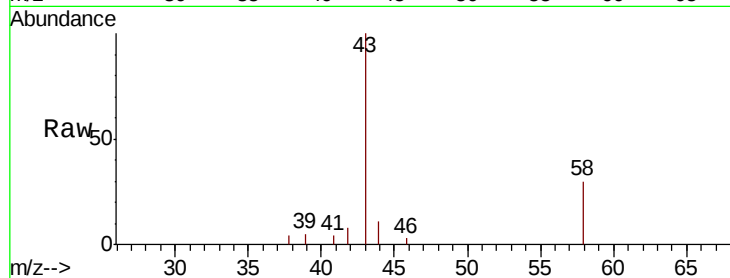
F4B11

Tot Ion: 43 Resp: 13256

Ion Ratio Lower Upper

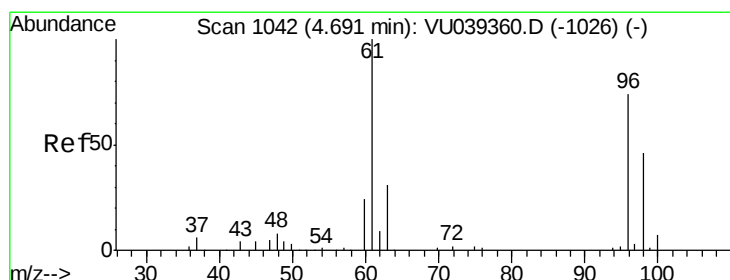
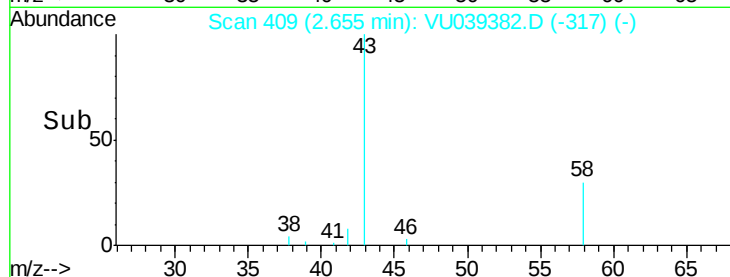
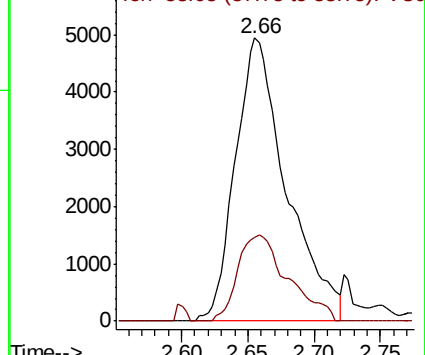
43 100

58 30.0 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039382.D (-317) (-)

Ion 58.05 (57.75 to 58.75): VU039382.D (-317) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.118 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. -0.00 min

Lab File: VU039382.D

Acq: 09 Jul 2020 05:48

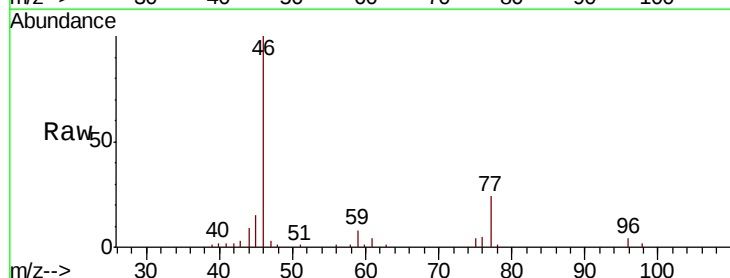
Tgt Ion: 96 Resp: 877

Ion Ratio Lower Upper

96 100

61 120.5 92.8 172.4

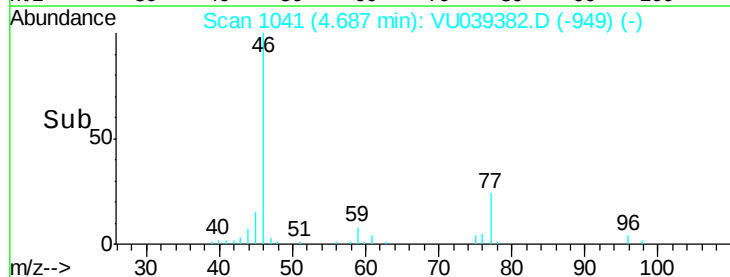
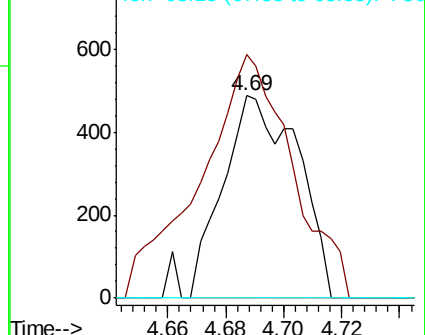
68 0.0 0.0 0.0

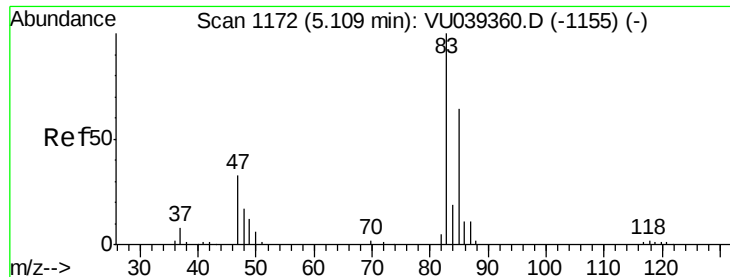


Abundance Ion 96.00 (95.70 to 96.70): VU039382.D (-949) (-)

Ion 61.05 (60.75 to 61.75): VU039382.D (-949) (-)

Ion 68.15 (67.85 to 68.85): VU039382.D (-949) (-)

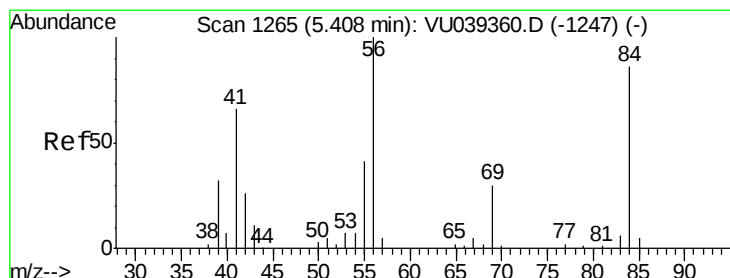
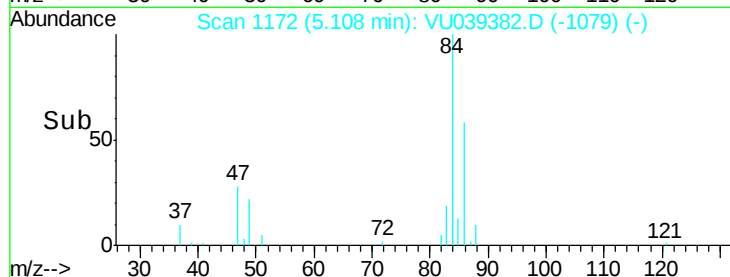
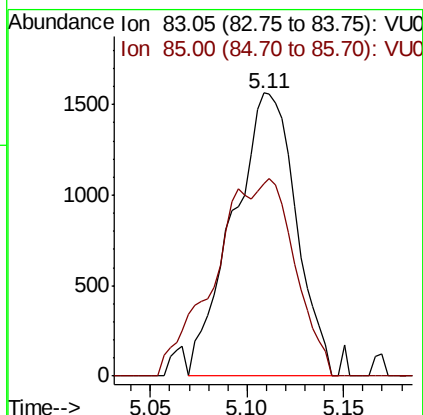
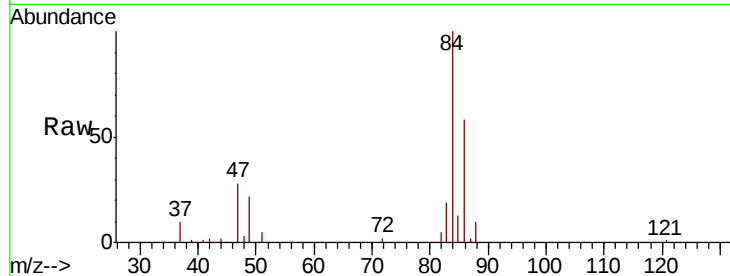




#25
Chloroform
Concen: 0.270 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. -0.00 min
Lab File: VU039382.D
Acq: 09 Jul 2020 05:48

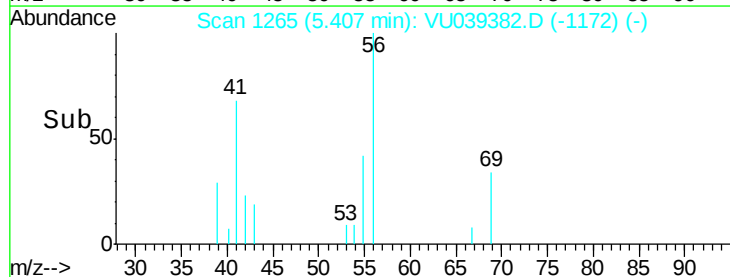
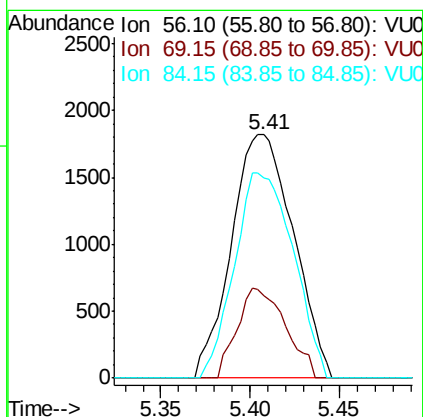
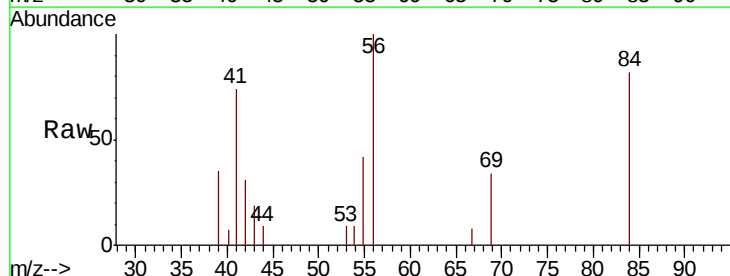
Instrument :
MSVOA_U
ClientSampleId :
F4B11

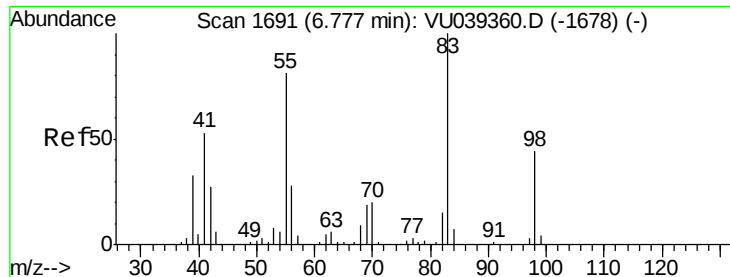
Tot Ion: 83 Resp: 3549
Ion Ratio Lower Upper
83 100
85 68.2 44.9 83.5



#30
Cyclohexane
Concen: 0.385 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VU039382.D
Acq: 09 Jul 2020 05:48

Tgt Ion: 56 Resp: 4403
Ion Ratio Lower Upper
56 100
69 28.9 24.1 36.1
84 79.9 67.0 100.6

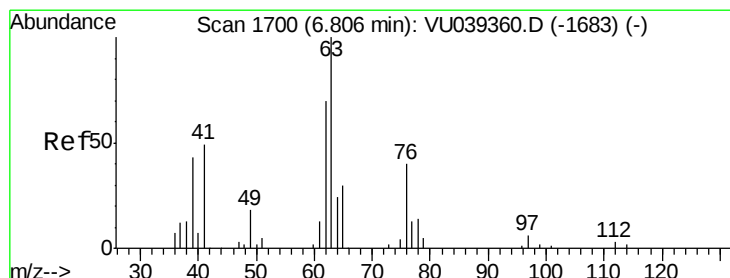
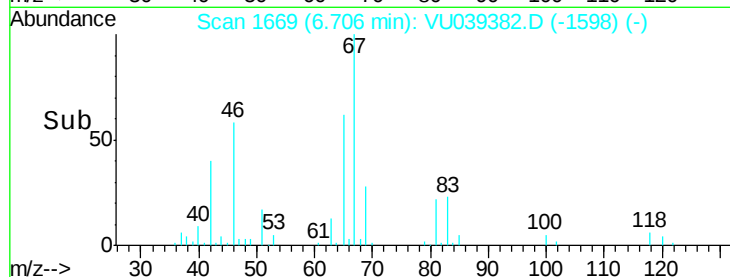
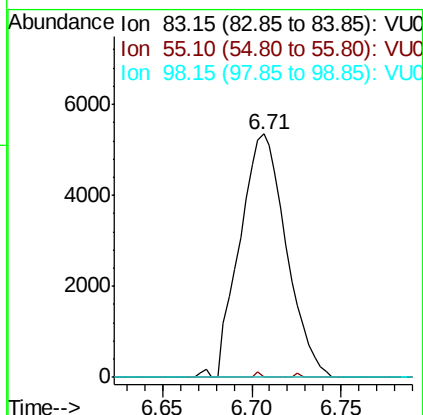
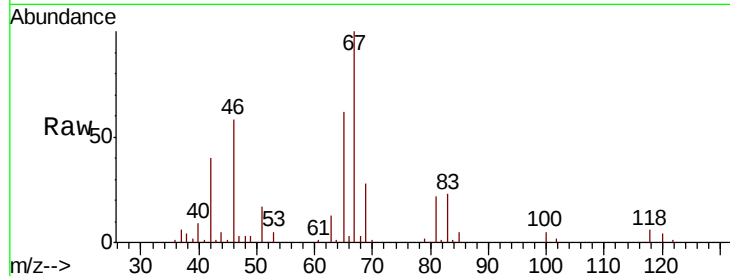




#35
Methvlcvclohexane
Concen: 0.852 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039382.D
Acq: 09 Jul 2020 05:48

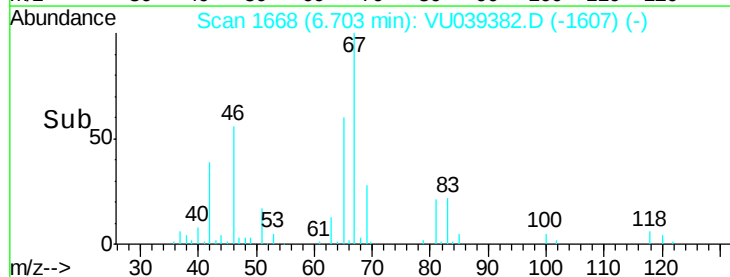
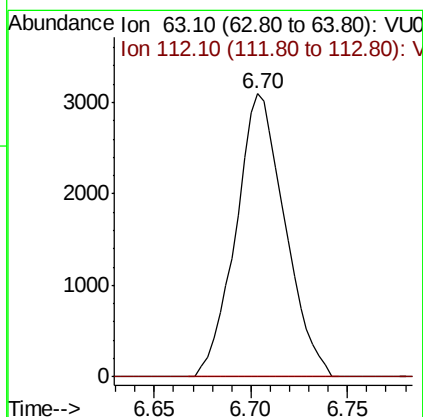
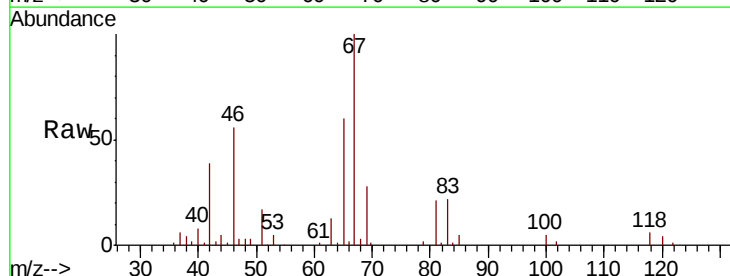
Instrument :
MSVOA_U
ClientSampleId :
F4B11

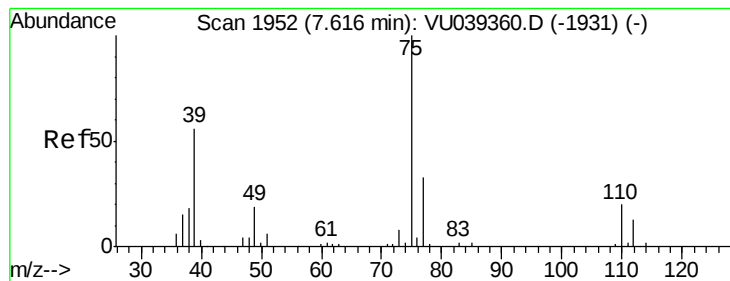
Tot Ion: 83 Resp: 9734
Ion Ratio Lower Upper
83 100
55 0.2 62.1 93.1#
98 0.0 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.728 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039382.D
Acq: 09 Jul 2020 05:48

Tgt Ion: 63 Resp: 5470
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#





#39

cis-1,3-Dichloropropene

Concen: 0.124 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU039382.D

Acq: 09 Jul 2020 05:48

Instrument :

MSVOA_U

ClientSampleId :

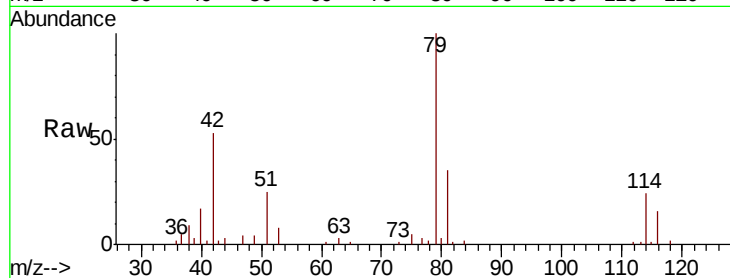
F4B11

Tot Ion: 75 Resp: 1406

Ion Ratio Lower Upper

75 100

77 58.9 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU039382.D (-1859) (-)

Ion 77.05 (76.75 to 77.75): VU039382.D (-1859) (-)

7.58

800

600

400

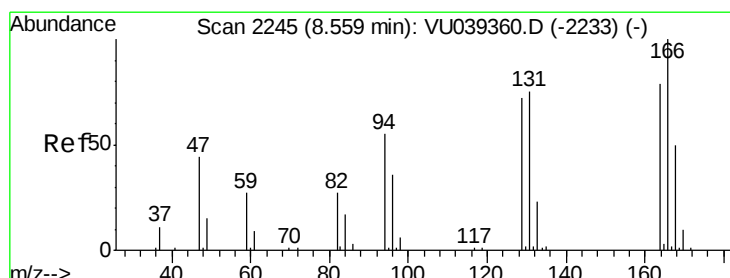
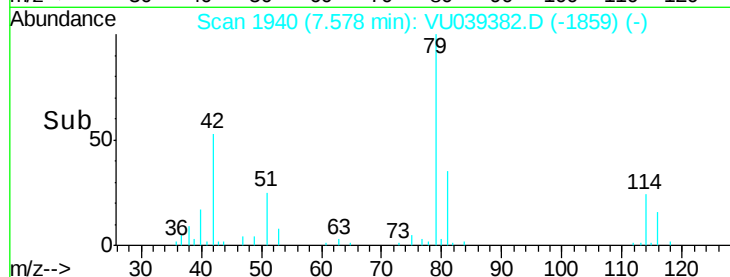
200

0

7.55

7.60

Time-->



#47

Tetrachloroethene

Concen: 0.217 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU039382.D

Acq: 09 Jul 2020 05:48

Tgt Ion: 164 Resp: 1076

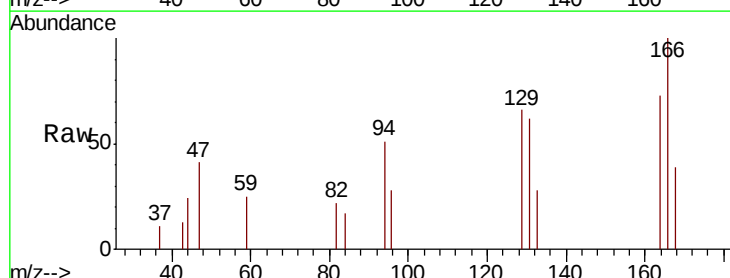
Ion Ratio Lower Upper

164 100

129 89.6 68.6 127.4

131 84.3 66.4 123.4

166 136.4 85.9 159.5



Abundance Ion 163.90 (163.60 to 164.60): VU039382.D (-2152) (-)

Ion 128.95 (128.65 to 129.65): VU039382.D (-2152) (-)

Ion 130.95 (130.65 to 131.65): VU039382.D (-2152) (-)

Ion 165.90 (165.60 to 166.60): VU039382.D (-2152) (-)

1500

1000

8.56

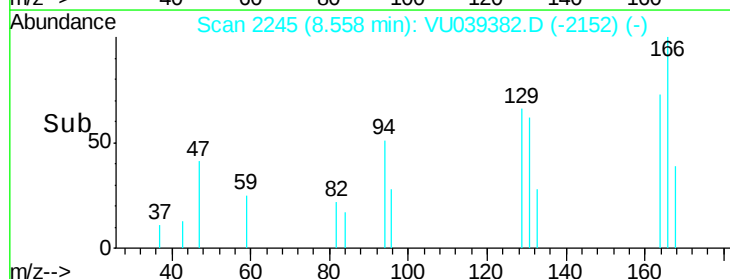
500

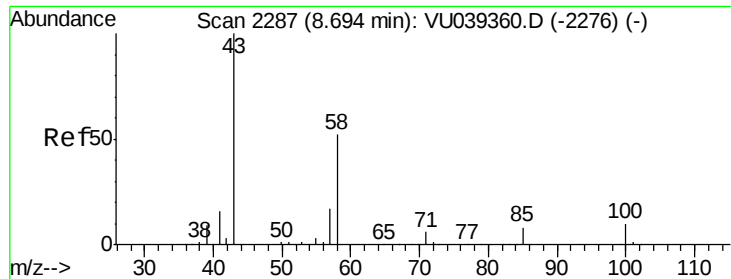
0

8.55

8.60

Time-->

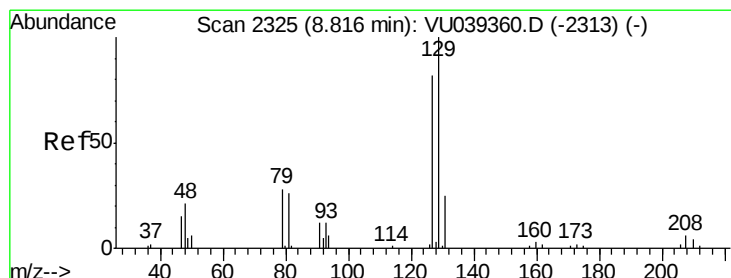
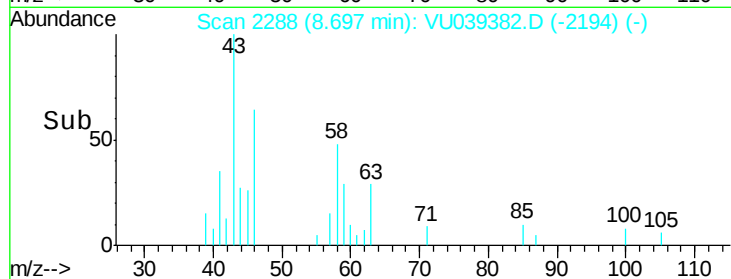
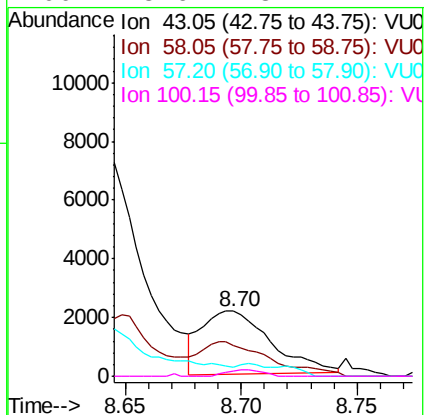
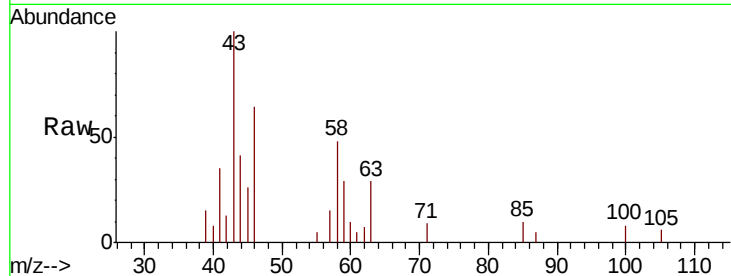




#48
2-Hexanone
Concen: 0.961 ug/L
RT: 8.70 min Scan# 2288
Delta R.T. 0.00 min
Lab File: VU039382.D
Acq: 09 Jul 2020 05:48

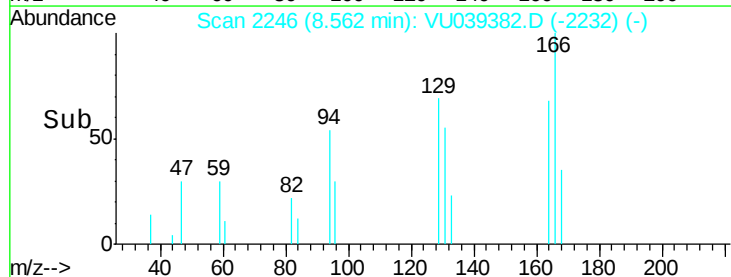
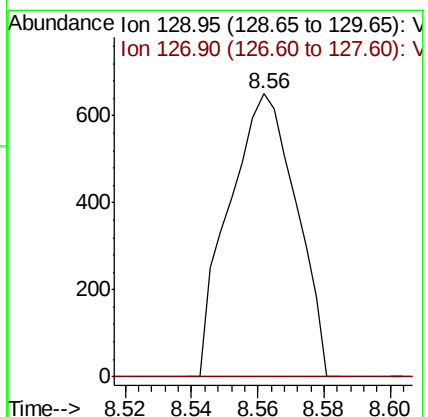
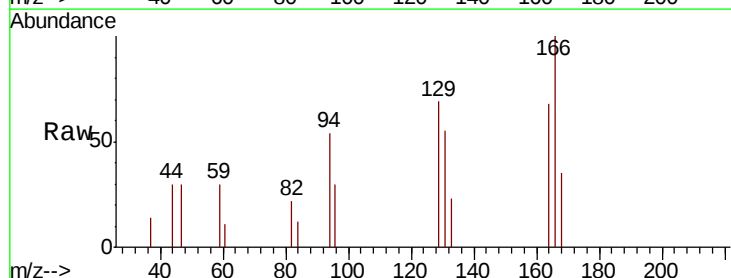
Instrument :
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ClientSampleId :
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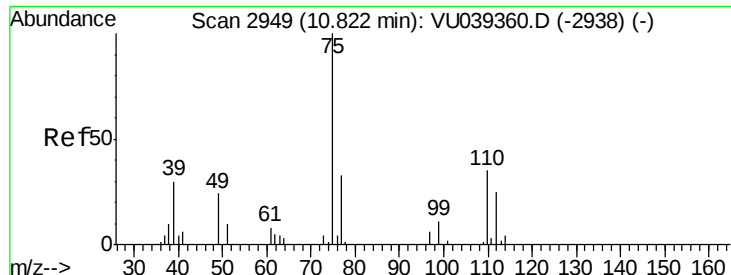
Tot Ion: 43 Resp: 4442
Ion Ratio Lower Upper
43 100
58 55.0 42.0 63.0
57 0.0 14.0 21.0#
100 5.6 8.2 12.2#



#49
Dibromochloromethane
Concen: 0.140 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. -0.25 min
Lab File: VU039382.D
Acq: 09 Jul 2020 05:48

Tgt Ion: 129 Resp: 915
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#59

1,2,3-Trichloropropane

Concen: 1.252 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039382.D

Acq: 09 Jul 2020 05:48

Instrument :

MSVOA_U

ClientSampleId :

F4B11

Tot Ion: 75 Resp: 6936

Ion Ratio Lower Upper

75 100

77 37.1 26.8 40.2

