

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071020\
 Data File : VU039441.D
 Acq On : 10 Jul 2020 19:33
 Operator : SY/MD
 Sample : L3244-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 11 02:54:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 11 02:49:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	88167	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	83484	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40567	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	21720	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.92	69	27660	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.58	63	34283	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.65	46	140377	60.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.08%
24) Chloroform-d	5.09	84	56846	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.72	65	37433	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.75	84	108015	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.70	67	37324	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.91	98	90896	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
43) trans-1,3-Dichloropropene-	8.19	79	15366	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.64	63	102364	55.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.68%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	36079	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	37655	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

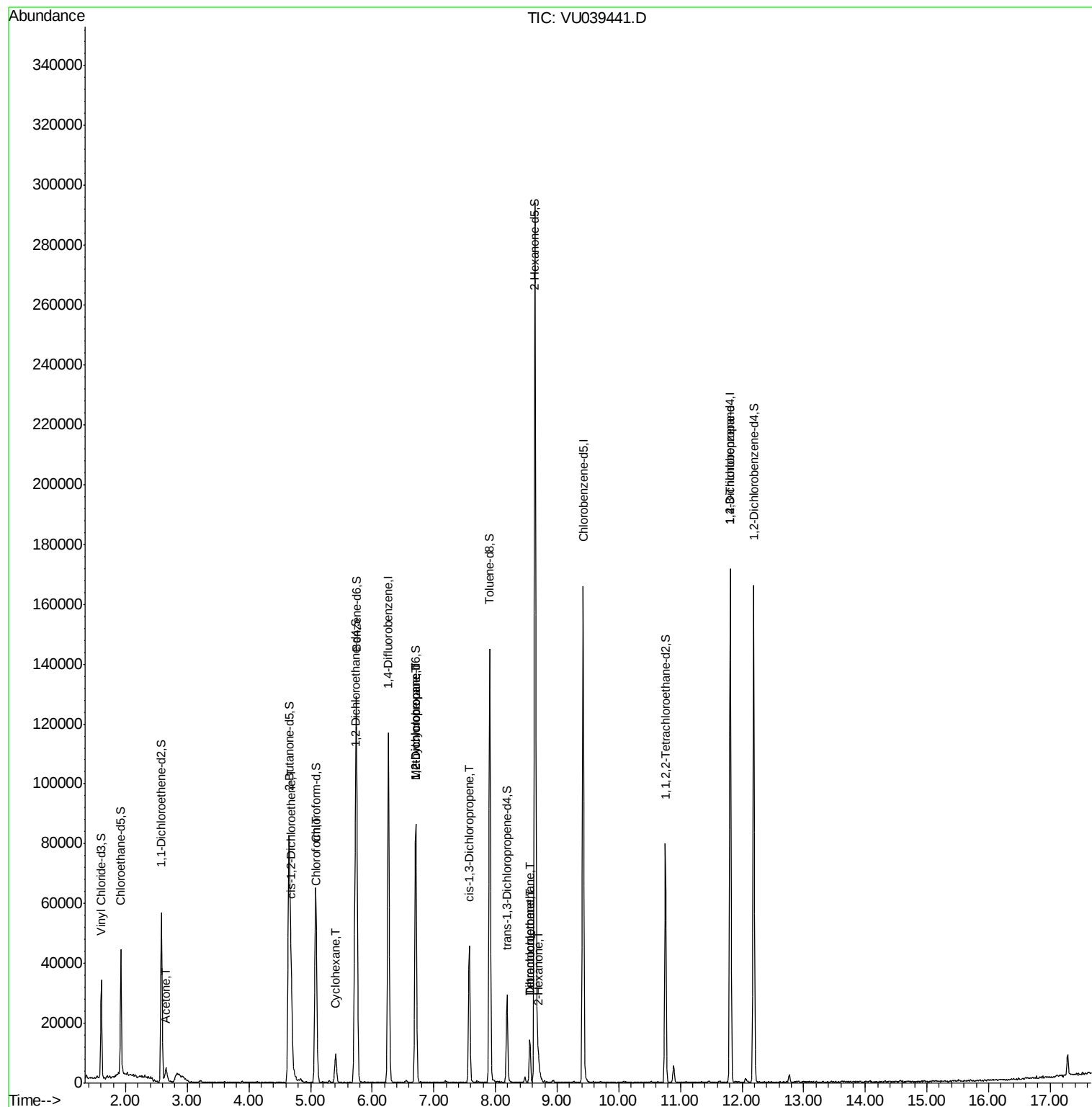
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	7918	6.274	ug/L	94
22) cis-1,2-Dichloroethene	4.69	96	8838	1.358	ug/L	94
25) Chloroform	5.11	83	3000	0.262	ug/L	95
30) Cyclohexane	5.41	56	4466	0.431	ug/L	98
35) Methylcyclohexane	6.70	83	8408	0.813	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	4483	0.659	ug/L #	91
39) cis-1,3-Dichloropropene	7.57	75	1321	0.128	ug/L #	74
47) Tetrachloroethene	8.56	164	2693	0.600	ug/L	82
48) 2-Hexanone	8.70	43	4634	1.107	ug/L #	96
49) Dibromochloromethane	8.56	129	2755	0.465	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6484	1.293	ug/L	94

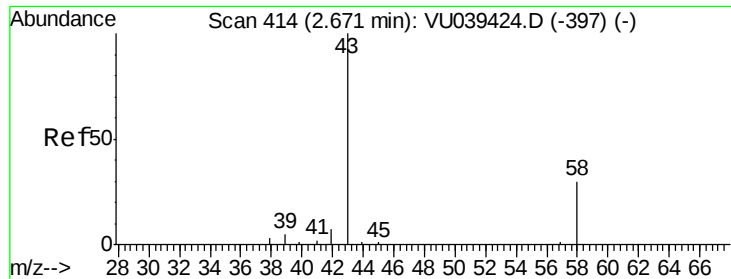
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU071020\
Data File : VU039441.D
Acq On : 10 Jul 2020 19:33
Operator : SY/MD
Sample : L3244-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 11 02:54:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 11 02:49:36 2020
Response via : Initial Calibration





#13

Acetone

Concen: 6.274 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.02 min

Lab File: VU039441.D

Acq: 10 Jul 2020 19:33

Instrument :

MSVOA_U

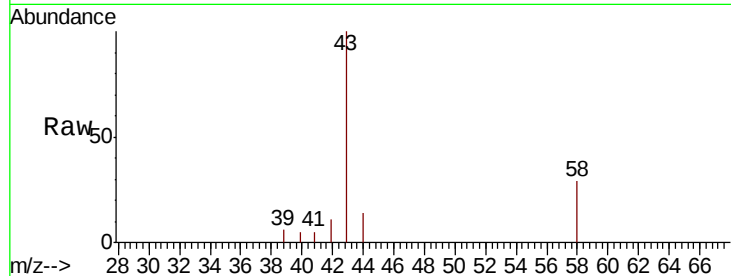
ClientSampleId :

Tot Ion: 43 Resp: 7918

Ion Ratio Lower Upper

43 100

58 28.2 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039441.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU039441.D (-321) (-)

2.66

3000

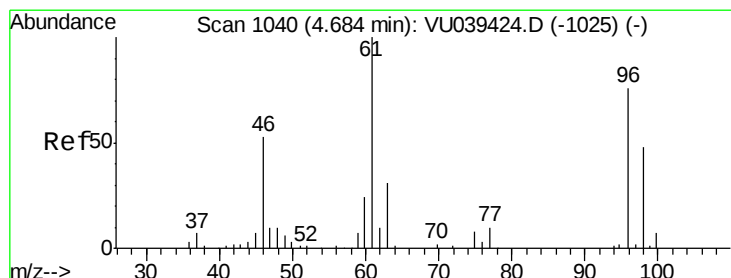
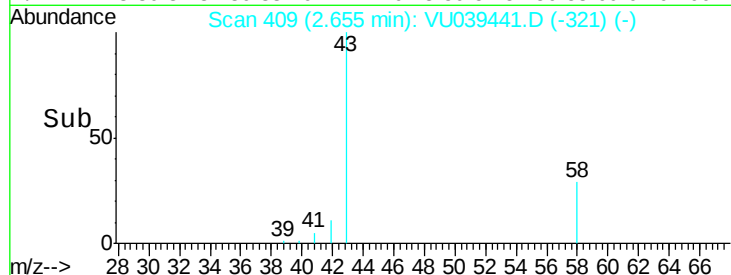
2000

1000

0

Time-->

2.60 2.65 2.70 2.75



#22

cis-1,2-Dichloroethene

Concen: 1.358 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU039441.D

Acq: 10 Jul 2020 19:33

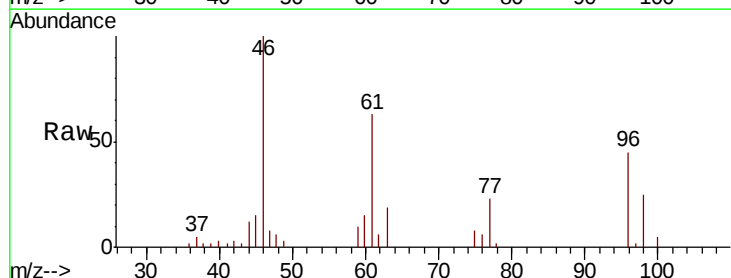
Tgt Ion: 96 Resp: 8838

Ion Ratio Lower Upper

96 100

61 139.4 92.8 172.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039441.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU039441.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU039441.D (-947) (-)

4.69

6000

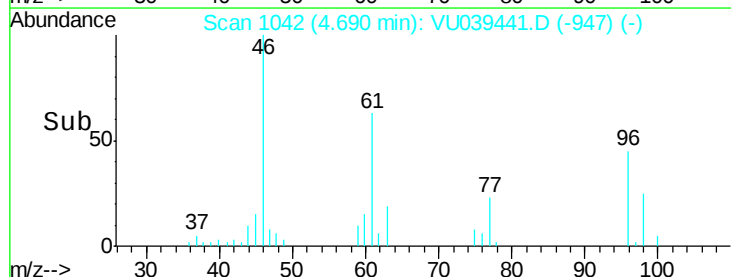
4000

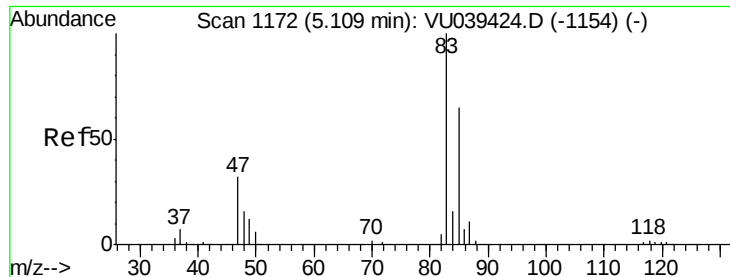
2000

0

Time-->

4.60 4.65 4.70 4.75

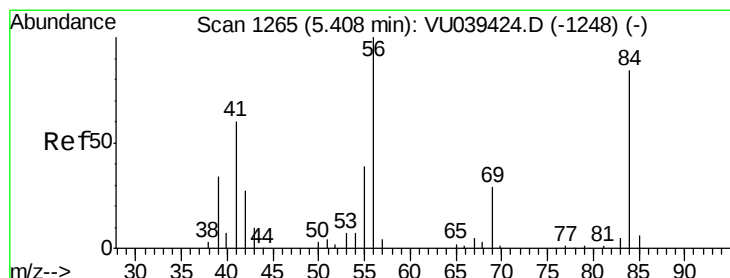
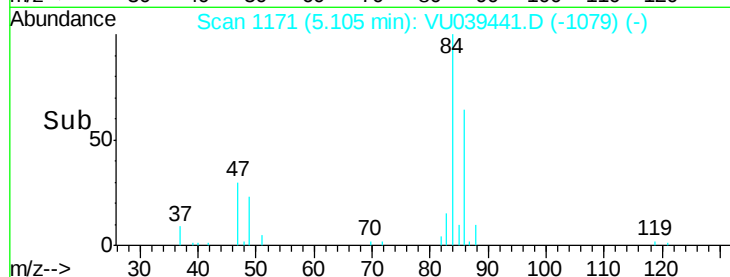
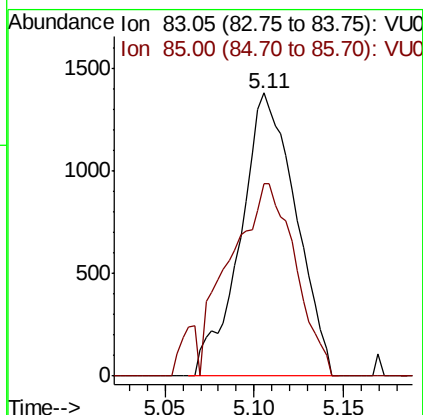
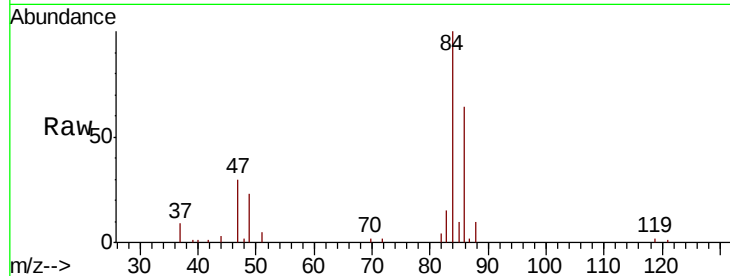




#25
Chloroform
Concen: 0.262 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU039441.D
Acq: 10 Jul 2020 19:33

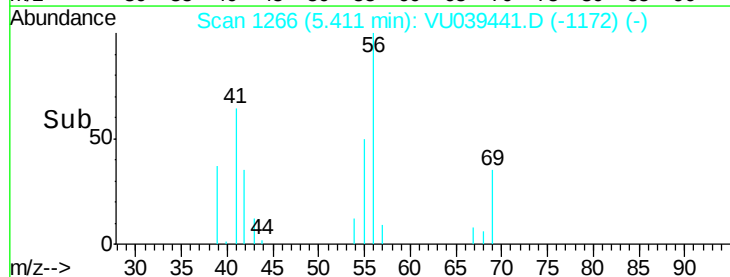
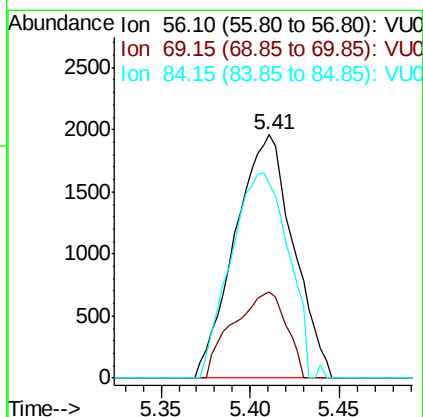
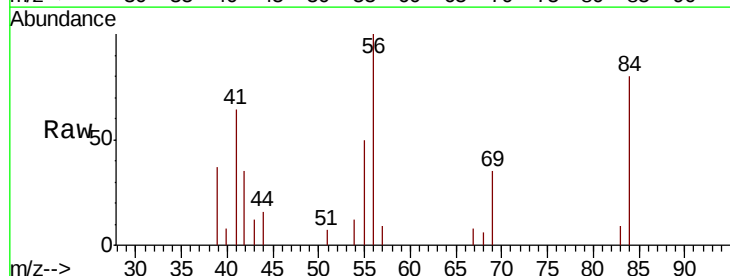
Instrument :
MSVOA_U
ClientSampleId :

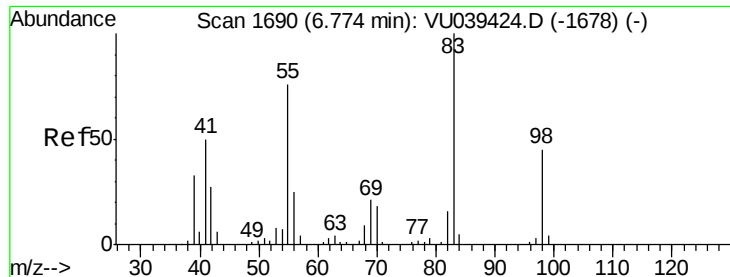
Tot Ion: 83 Resp: 3000
Ion Ratio Lower Upper
83 100
85 68.1 44.9 83.5



#30
Cyclohexane
Concen: 0.431 ug/L
RT: 5.41 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VU039441.D
Acq: 10 Jul 2020 19:33

Tgt Ion: 56 Resp: 4466
Ion Ratio Lower Upper
56 100
69 32.3 24.1 36.1
84 83.0 67.0 100.6

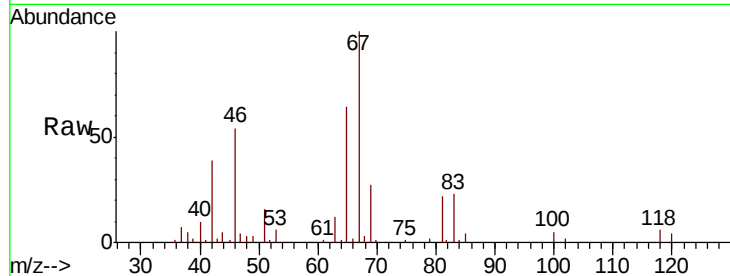




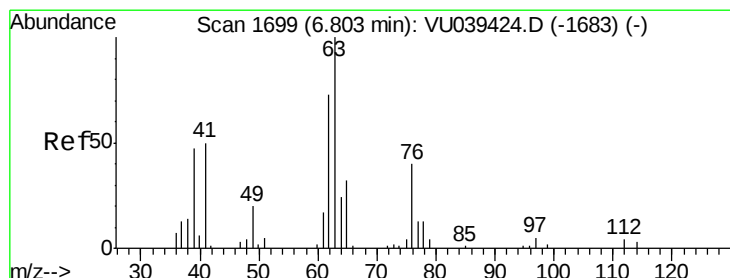
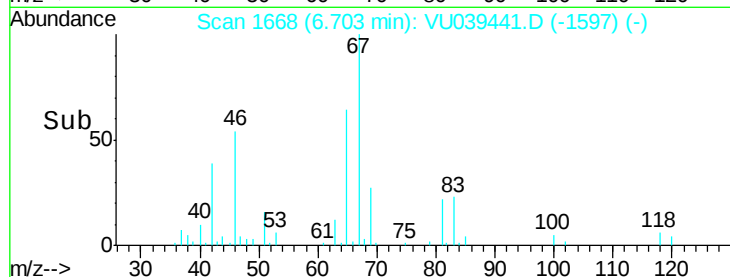
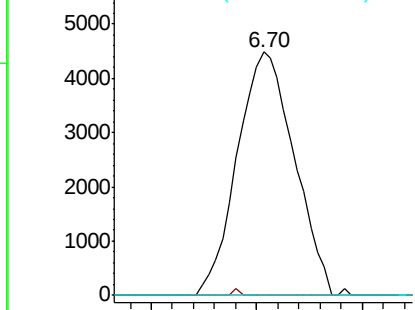
#35
Methvlcvclohexane
Concen: 0.813 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039441.D
Acq: 10 Jul 2020 19:33

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 8408
Ion Ratio Lower Upper
83 100
55 0.3 62.1 93.1#
98 0.0 35.9 53.9#

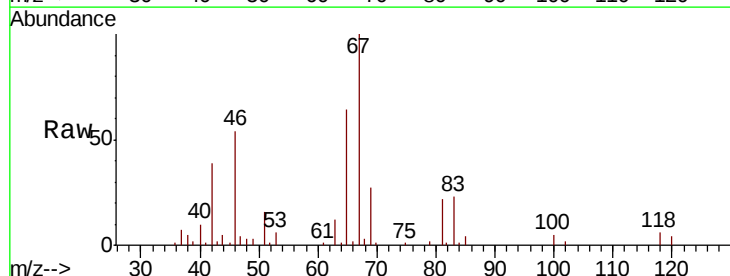


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

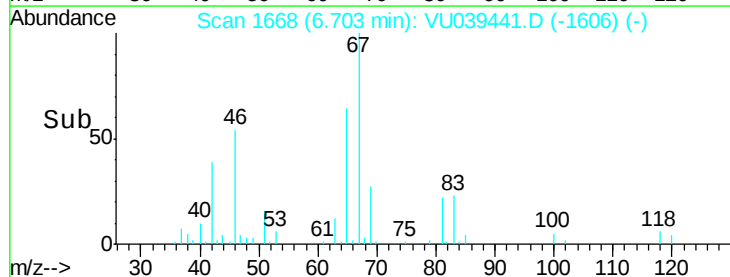
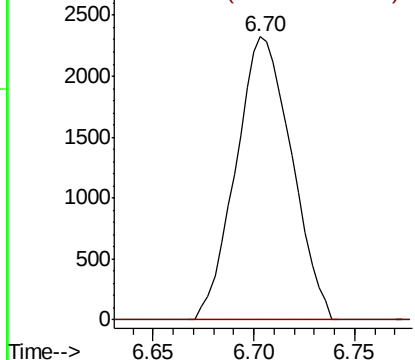


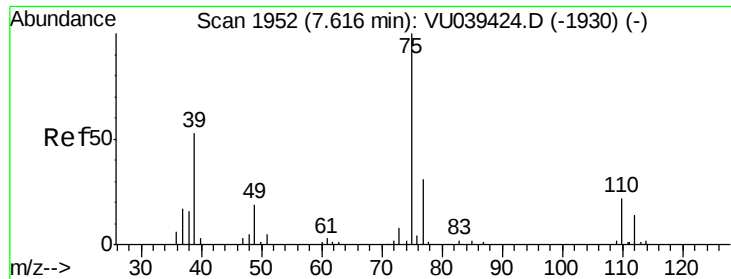
#37
1,2-Dichloropropane
Concen: 0.659 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039441.D
Acq: 10 Jul 2020 19:33

Tgt Ion: 63 Resp: 4483
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



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



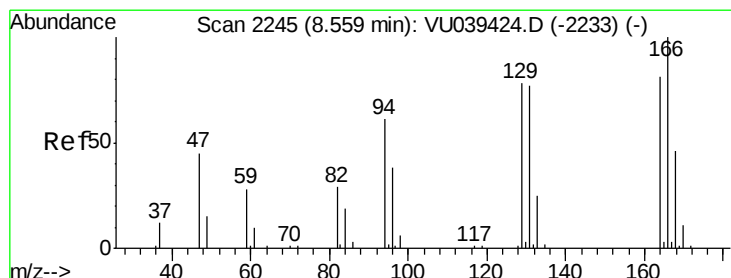
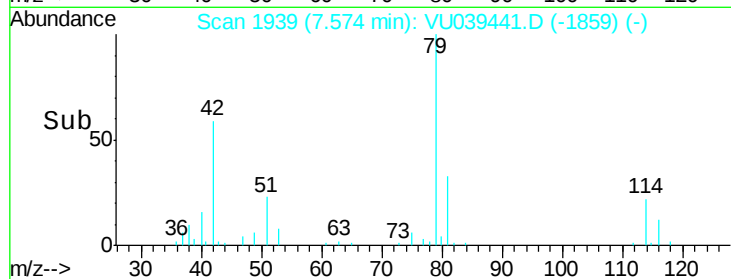
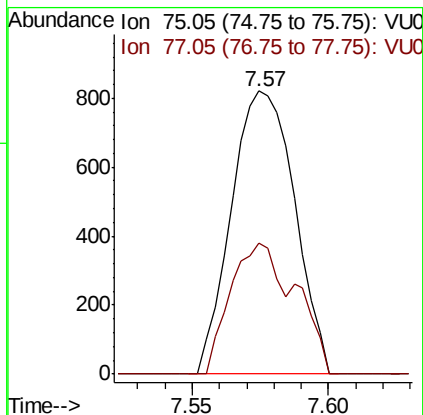
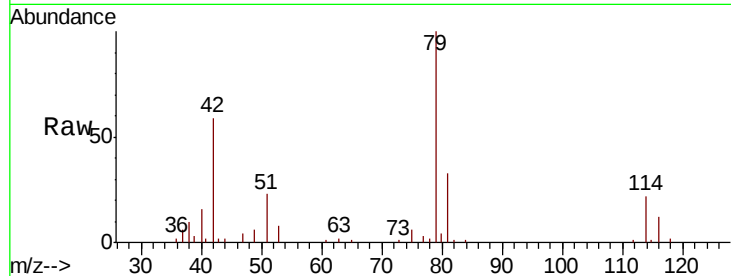


#39

cis-1,3-Dichloropropene
Concen: 0.128 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU039441.D
Acq: 10 Jul 2020 19:33

Instrument :
MSVOA_U
ClientSampleId :

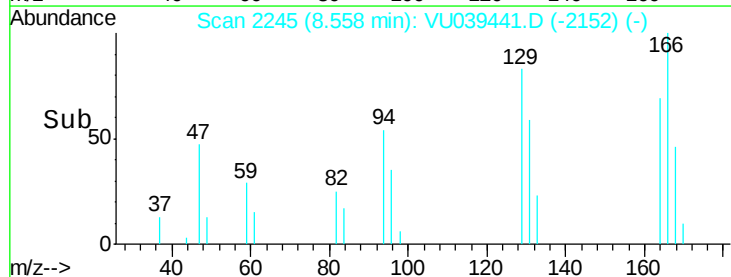
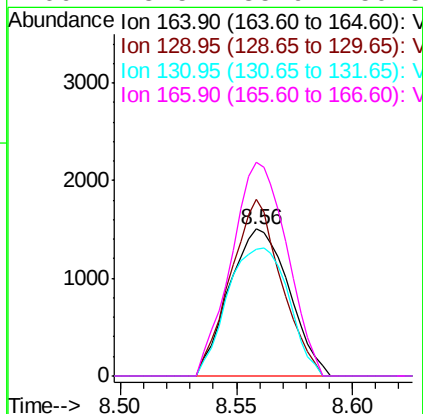
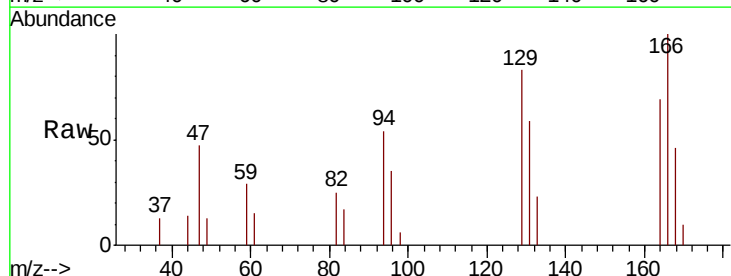
Tot Ion: 75 Resp: 1321
Ion Ratio Lower Upper
75 100
77 46.3 22.3 41.3#

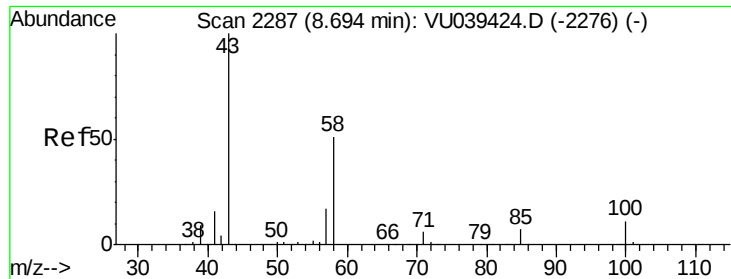


#47

Tetrachloroethene
Concen: 0.600 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VU039441.D
Acq: 10 Jul 2020 19:33

Tgt Ion:164 Resp: 2693
Ion Ratio Lower Upper
164 100
129 120.6 68.6 127.4
131 86.3 66.4 123.4
166 145.5 85.9 159.5

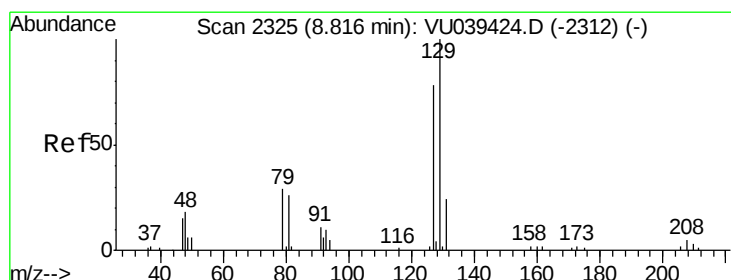
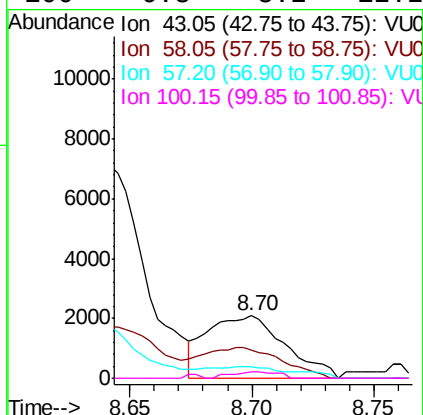
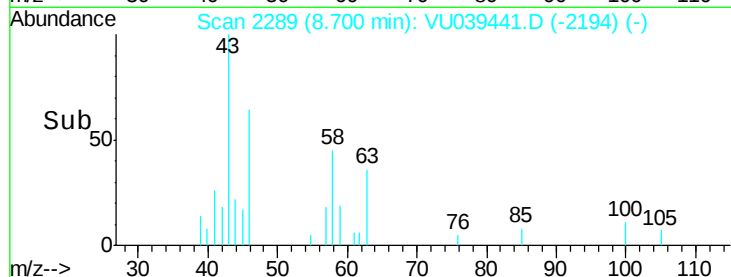
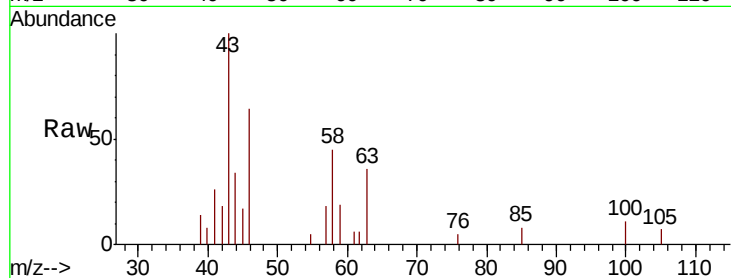




#48
2-Hexanone
Concen: 1.107 ug/L
RT: 8.70 min Scan# 2289
Delta R.T. 0.01 min
Lab File: VU039441.D
Acq: 10 Jul 2020 19:33

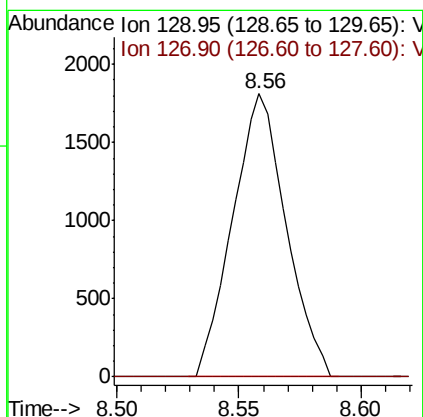
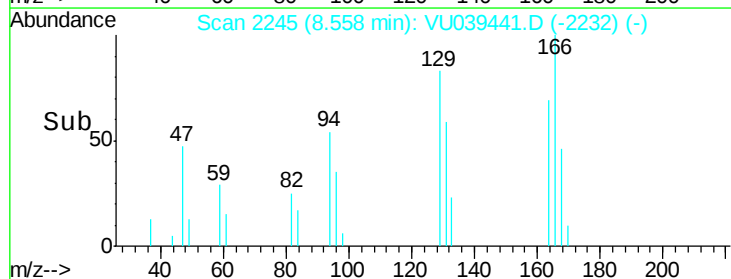
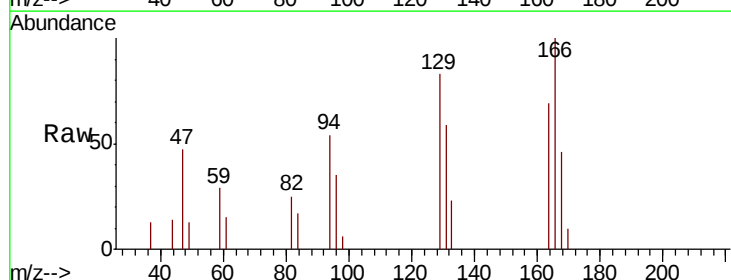
Instrument :
MSVOA_U
ClientSampleId :

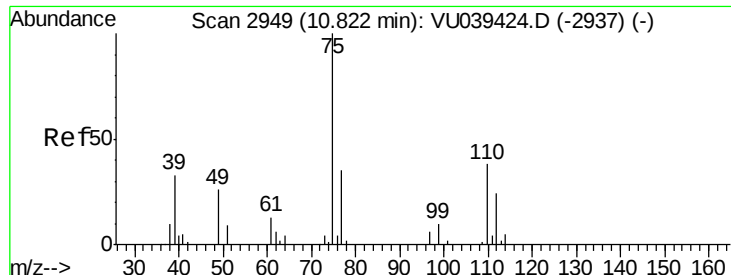
Tot Ion: 43 Resp: 4634
Ion Ratio Lower Upper
43 100
58 51.3 42.0 63.0
57 19.8 14.0 21.0
100 6.3 8.2 12.2#



#49
Dibromochloromethane
Concen: 0.465 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU039441.D
Acq: 10 Jul 2020 19:33

Tgt Ion: 129 Resp: 2755
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#59

1,2,3-Trichloropropane

Concen: 1.293 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039441.D

Acq: 10 Jul 2020 19:33

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6484

Ion Ratio Lower Upper

75 100

77 37.0 26.8 40.2

