

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091420\
 Data File : VU040122.D
 Acq On : 14 Sep 2020 16:01
 Operator : SY/MD
 Sample : L3945-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: Sep 15 02:15:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 15 01:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	112047	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111476	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50072	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31951	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.92	69	28012	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.58	63	55418	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.66	46	114400	46.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.50%
24) Chloroform-d	5.08	84	60448	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.72	65	39811	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.74	84	121091	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.70	67	39354	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.91	98	99544	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	8.19	79	15831	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.64	63	80106	42.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.82%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	33734	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	40687	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

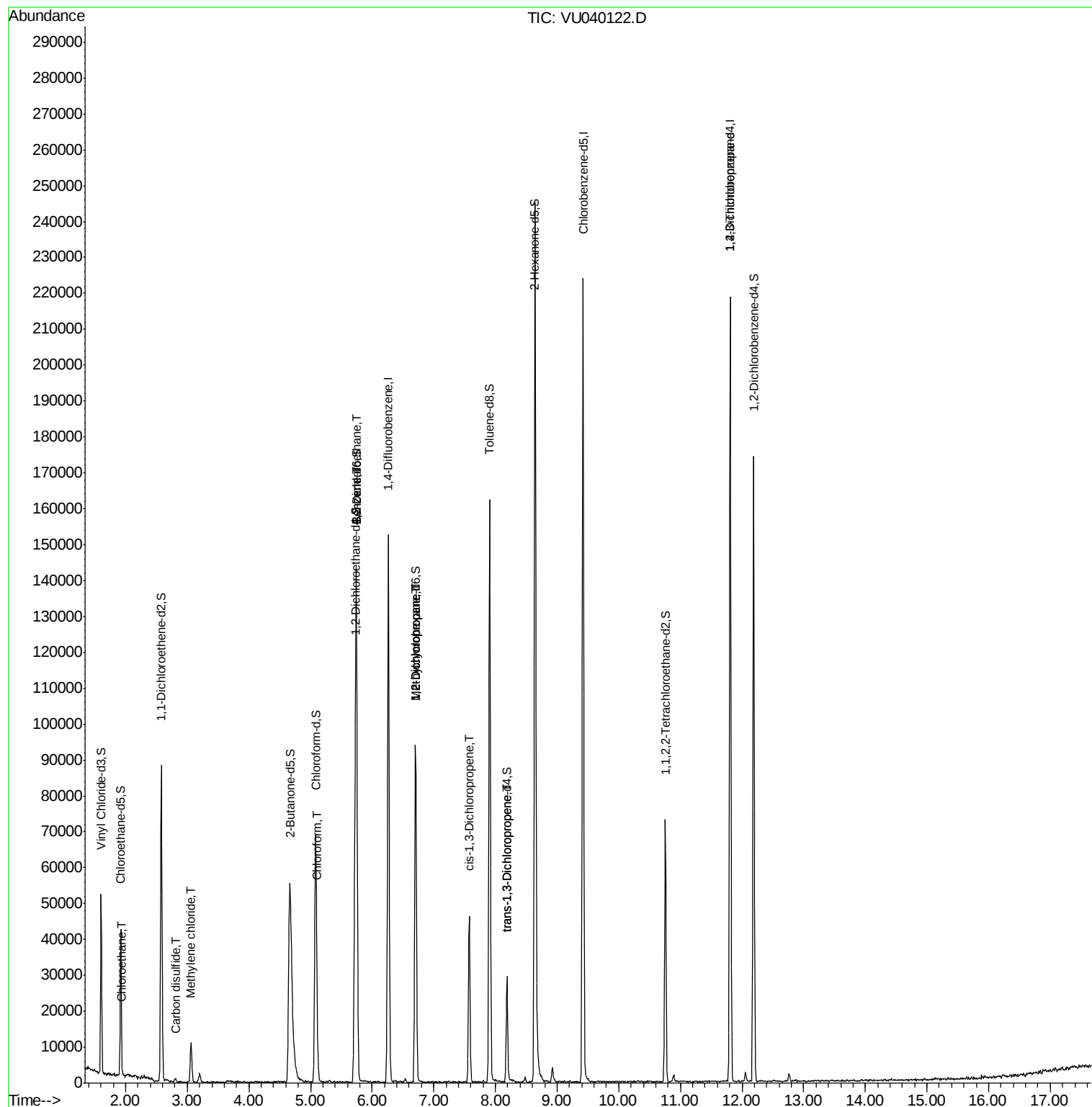
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	212	0.033	ug/L #	42
14) Carbon disulfide	2.81	76	1505	0.054	ug/L #	75
16) Methylene chloride	3.06	84	5045	0.444	ug/L	92
25) Chloroform	5.11	83	5653	0.288	ug/L	94
27) 1,2-Dichloroethane	5.74	62	746	0.052	ug/L #	78
33) Benzene	5.75	78	1119	0.028	ug/L	100
35) Methylcyclohexane	6.71	83	9068	0.554	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5082	0.471	ug/L #	89
39) cis-1,3-Dichloropropene	7.57	75	1361	0.085	ug/L	84
44) trans-1,3-Dichloropropene	8.19	75	833	0.056	ug/L #	64
59) 1,2,3-Trichloropropane	11.81	75	7338	0.917	ug/L #	77

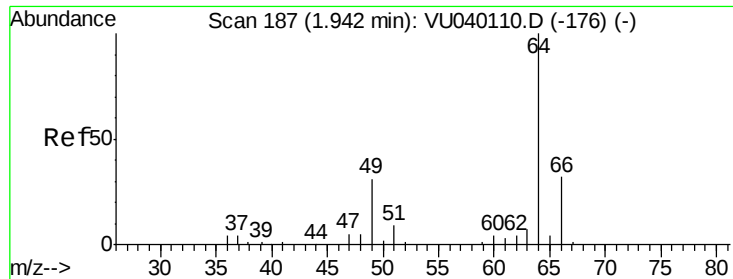
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 15 01:48:35 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.033 ug/L

RT: 1.95 min Scan# 189

Delta R.T. 0.01 min

Lab File: VU040122.D

Acq: 14 Sep 2020 16:01

Instrument :

MSVOA_U

ClientSampleId :

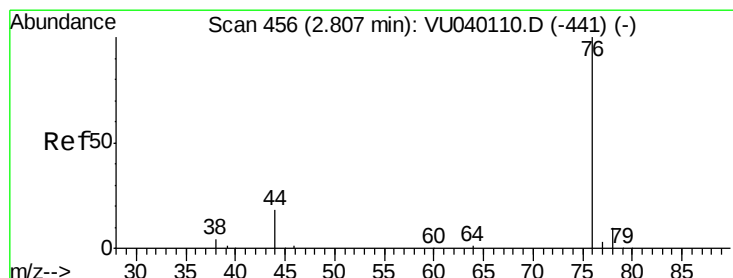
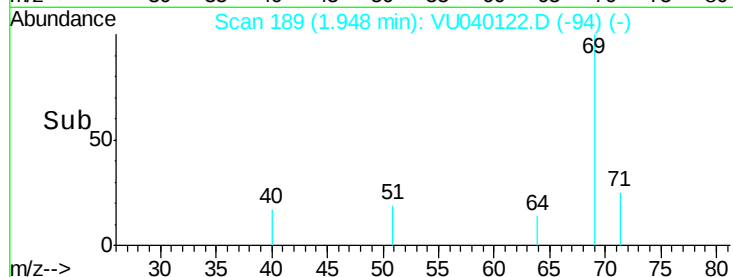
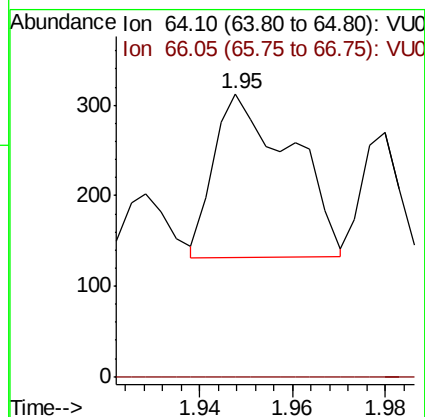
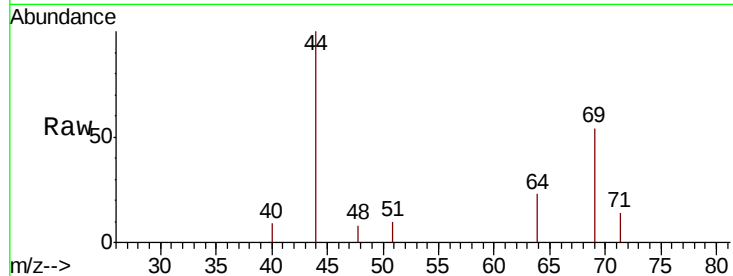
VHBLK02

Tot Ion: 64 Resp: 212

Ion Ratio Lower Upper

64 100

66 0.0 22.7 42.1#



#14

Carbon disulfide

Concen: 0.054 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: VU040122.D

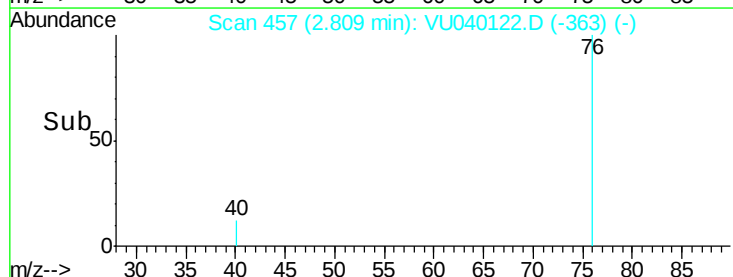
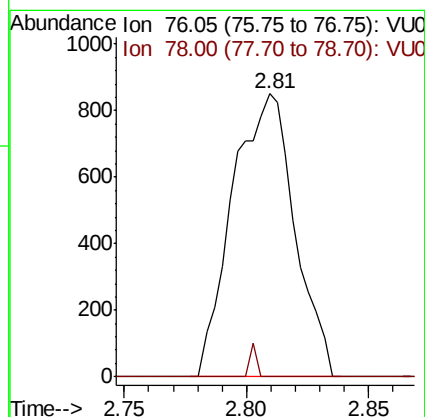
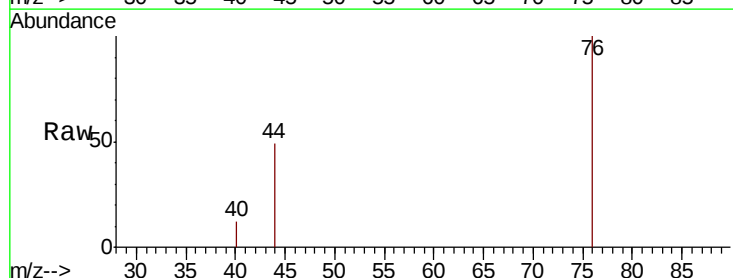
Acq: 14 Sep 2020 16:01

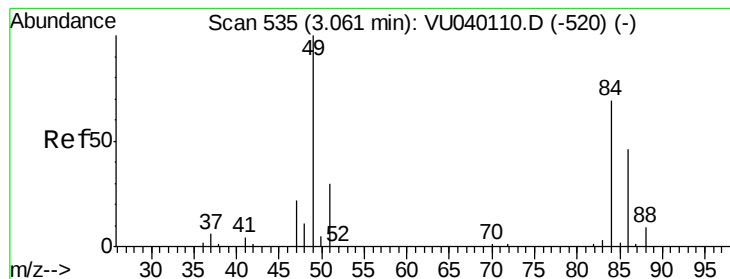
Tgt Ion: 76 Resp: 1505

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#





#16

Methvlene chloride

Concen: 0.444 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU040122.D

Acq: 14 Sep 2020 16:01

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

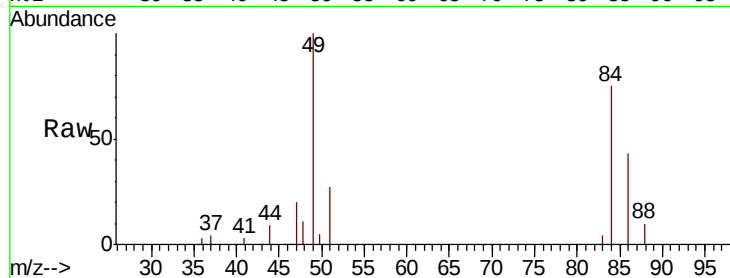
Tot Ion: 84 Resp: 5045

Ion Ratio Lower Upper

84 100

86 57.0 45.2 84.0

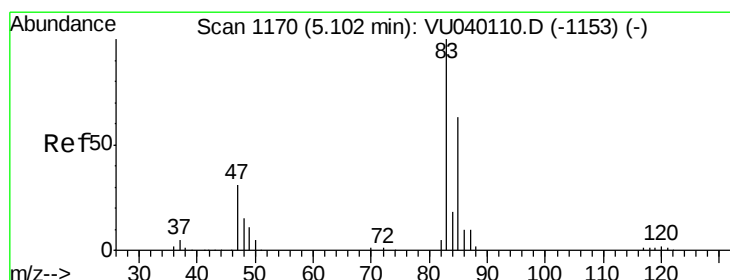
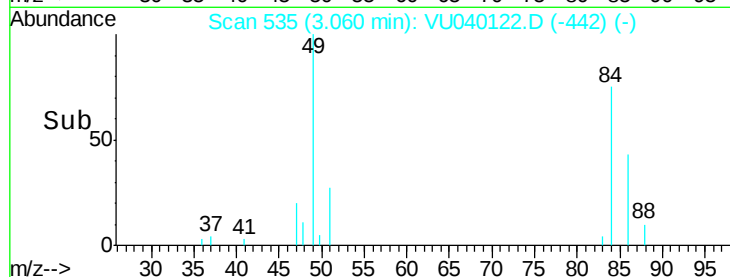
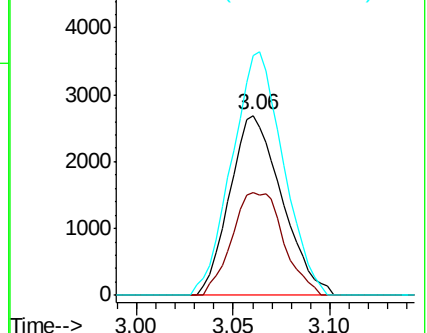
49 139.5 104.0 193.2



Abundance Ion 84.05 (83.75 to 84.75): VU040110.D (-520) (-)

Ion 86.00 (85.70 to 86.70): VU040110.D (-520) (-)

Ion 49.10 (48.80 to 49.80): VU040110.D (-520) (-)



#25

Chloroform

Concen: 0.288 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.01 min

Lab File: VU040122.D

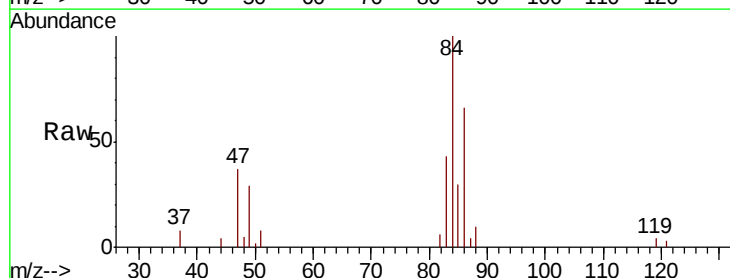
Acq: 14 Sep 2020 16:01

Tgt Ion: 83 Resp: 5653

Ion Ratio Lower Upper

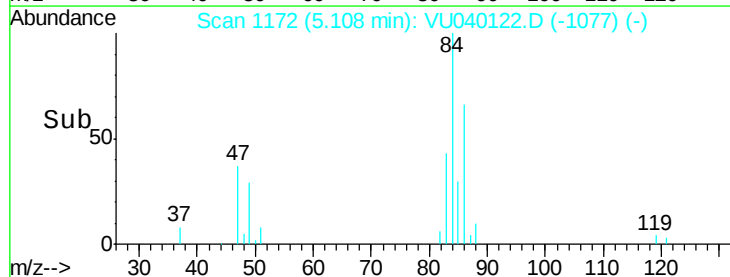
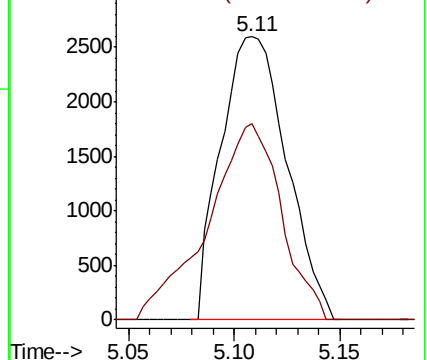
83 100

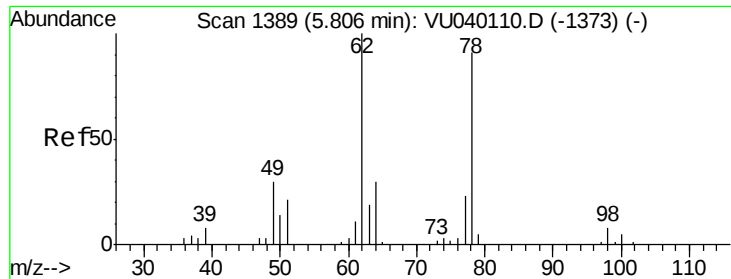
85 69.4 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU040110.D (-1153) (-)

Ion 85.00 (84.70 to 85.70): VU040110.D (-1153) (-)





#27

1,2-Dichloroethane

Concen: 0.052 ug/L

RT: 5.74 min Scan# 1368

Delta R.T. -0.07 min

Lab File: VU040122.D

Acq: 14 Sep 2020 16:01

Instrument :

MSVOA_U

ClientSampleId :

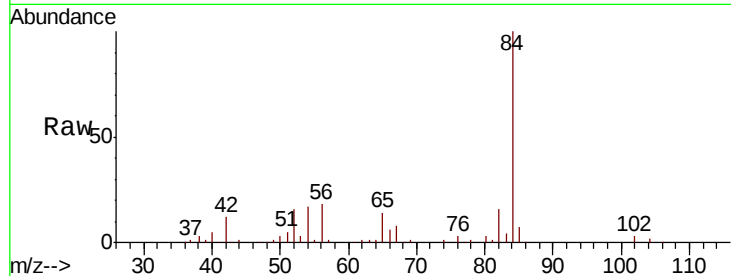
VHBLK02

Tot Ion: 62 Resp: 746

Ion Ratio Lower Upper

62 100

98 0.0 6.1 9.1#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

5.74

400

300

200

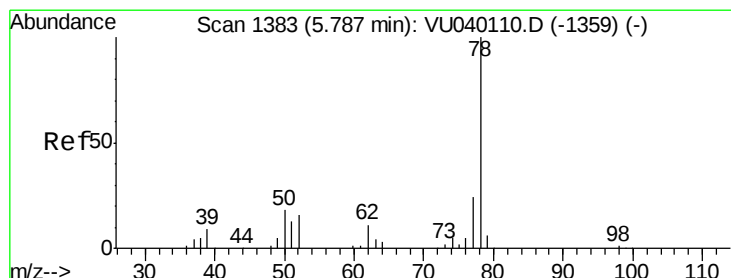
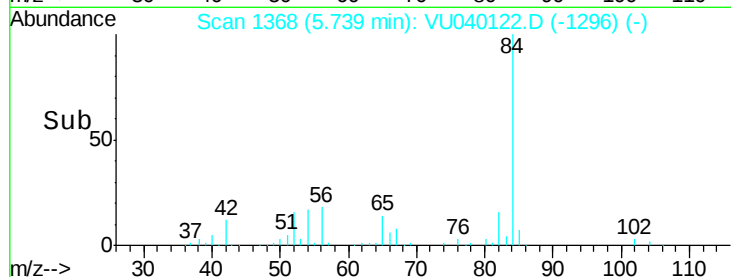
100

0

5.70

5.75

Time-->



#33

Benzene

Concen: 0.028 ug/L

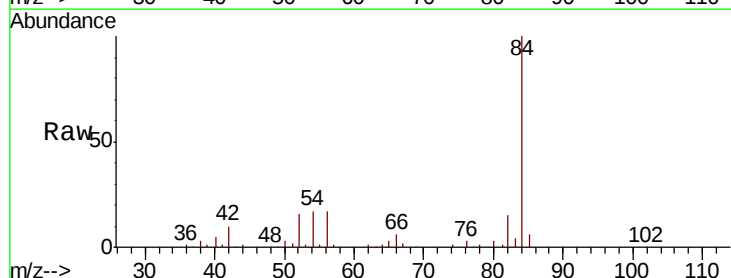
RT: 5.75 min Scan# 1372

Delta R.T. -0.04 min

Lab File: VU040122.D

Acq: 14 Sep 2020 16:01

Tgt Ion: 78 Resp: 1119



Abundance Ion 78.10 (77.80 to 78.80): VU0

5.75

600

400

200

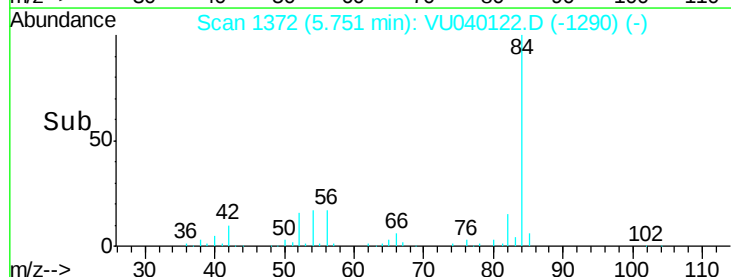
0

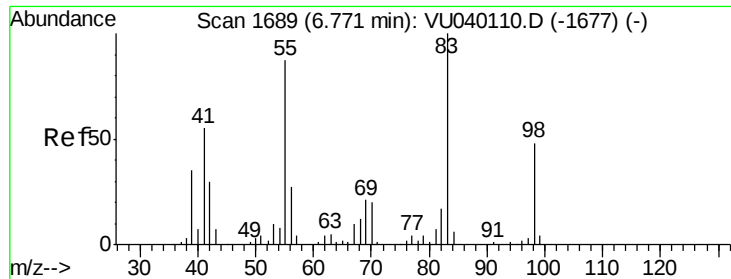
5.70

5.75

5.80

Time-->

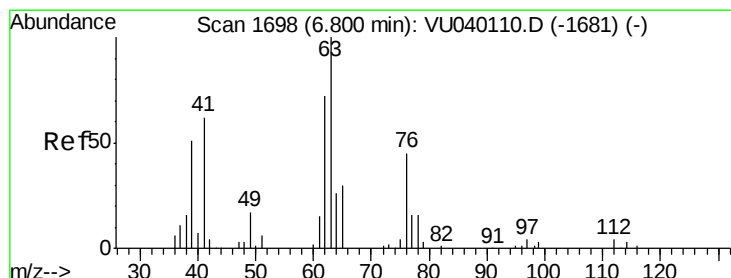
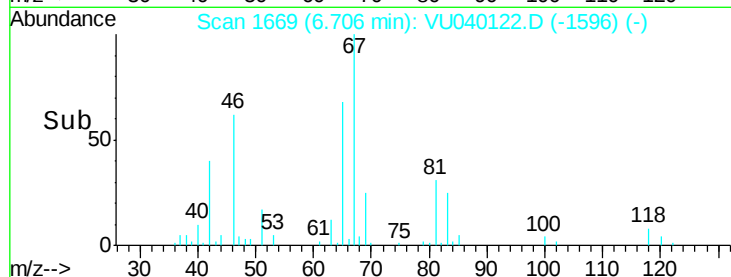
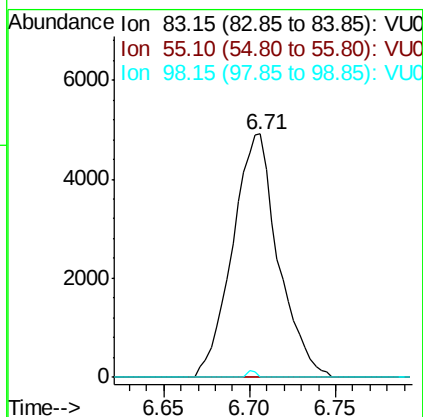
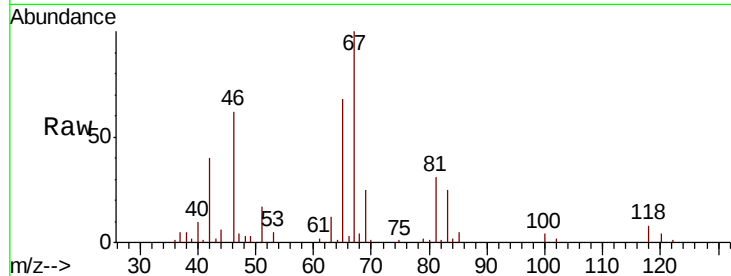




#35
Methvlcvclohexane
Concen: 0.554 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.06 min
Lab File: VU040122.D
Acq: 14 Sep 2020 16:01

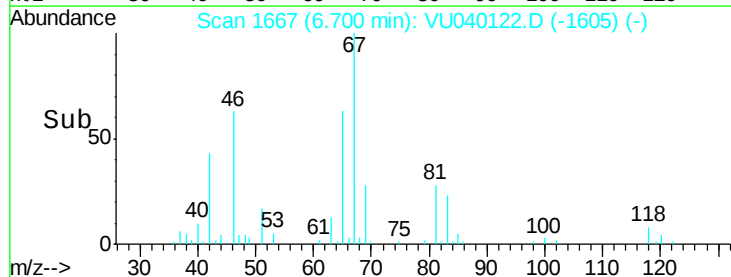
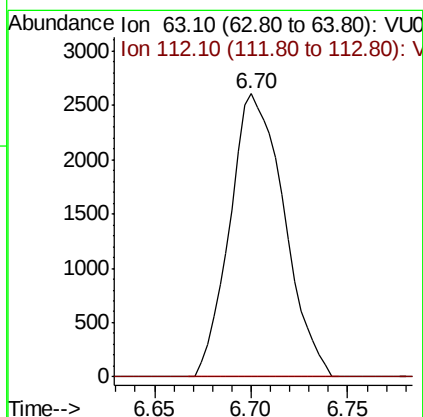
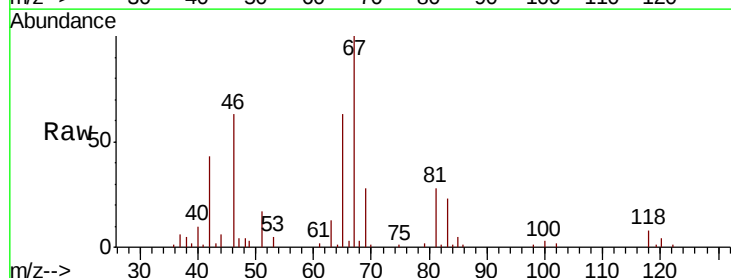
Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

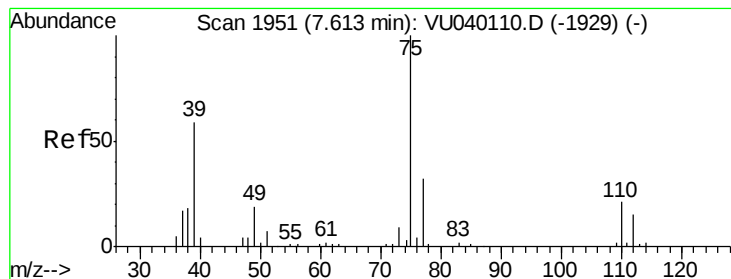
Tot Ion: 83 Resp: 9068
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.5 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.471 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040122.D
Acq: 14 Sep 2020 16:01

Tgt Ion: 63 Resp: 5082
Ion Ratio Lower Upper
63 100
112 0.4 3.2 4.8#



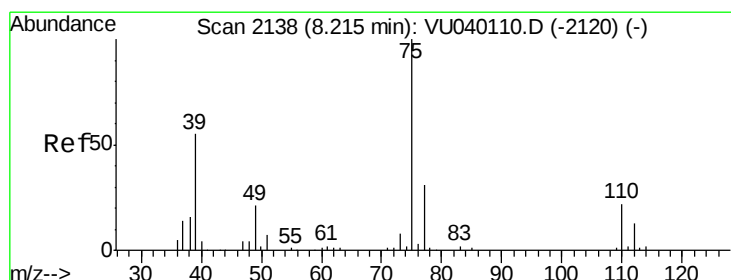
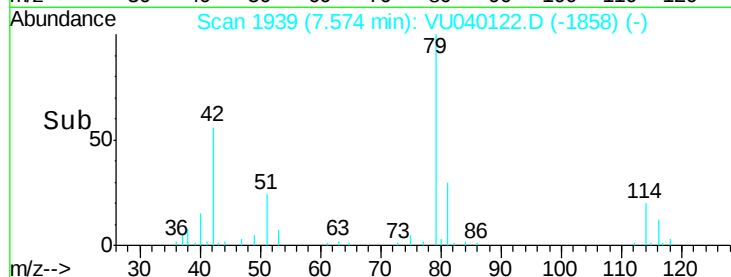
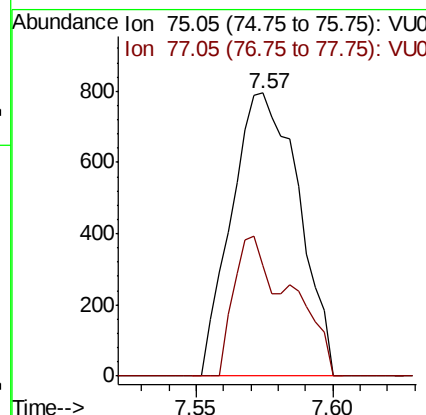
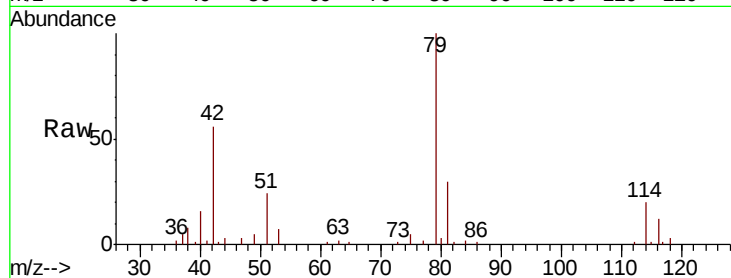


#39

cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040122.D
 Acq: 14 Sep 2020 16:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

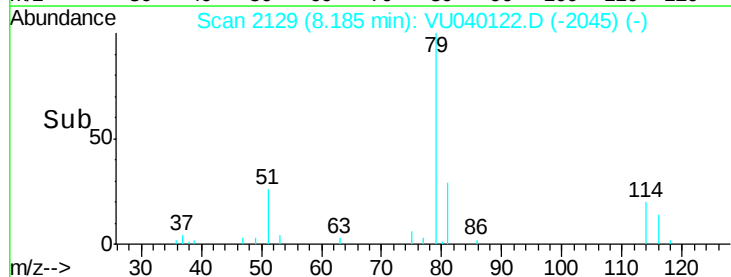
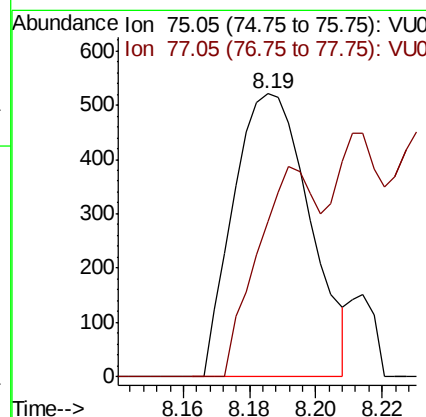
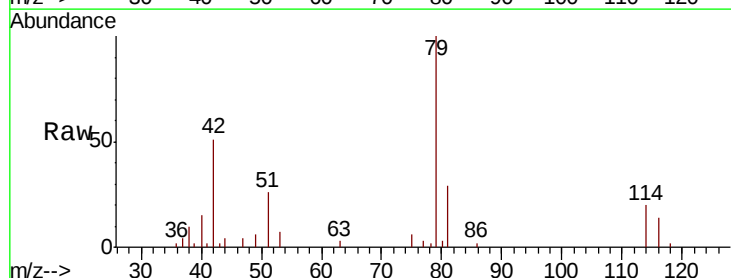
Tot Ion: 75 Resp: 1361
 Ion Ratio Lower Upper
 75 100
 77 39.0 21.1 39.3

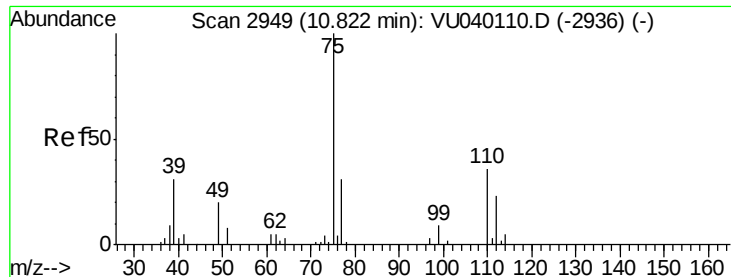


#44

trans-1,3-Dichloropropene
 Concen: 0.056 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040122.D
 Acq: 14 Sep 2020 16:01

Tgt Ion: 75 Resp: 833
 Ion Ratio Lower Upper
 75 100
 77 54.7 23.9 44.3#





#59

1,2,3-Trichloropropane

Concen: 0.917 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040122.D

Acq: 14 Sep 2020 16:01

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

Tot Ion: 75 Resp: 7338

Ion Ratio Lower Upper

75 100

77 43.8 24.9 37.3#

